



LEADING
THE **CHARGE**
FOR SUSTAINABLE
HIGHWAYS



SUSTAINABILITY REPORT 2022





This report is printed on 100% environmental-friendly paper.





→ COVER RATIONALE

The theme represents our commitment to providing safe, efficient, and sustainable transportation infrastructure that improves mobility and enhances the travel experience for all users. “Leading the Charge for Sustainable Highways” means taking a holistic approach to creating an urban transportation system that seamlessly connects communities, promotes public safety, and reduces congestion. Our approach to transportation prioritises the well-being of people and the sustainability of our value chain and the environment, ensuring that we leave a positive legacy for future generations.

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ABOUT THIS REPORT

This Sustainability Report 2022 marks Projek Lintasan Kota Holdings Sdn Bhd (PROLINTAS) second voluntary stand-alone report in providing a transparent account of our sustainability progress.

REPORTING PERIOD, SCOPE AND BOUNDARIES

This Report covers the sustainability performances across all of our subsidiaries and operations in Malaysia for the Financial Year FY2022 which spans from 1 January 2022 to 31 December 2022, unless otherwise stated.

REPORTING FRAMEWORKS AND GUIDELINES

This Report has been produced in alignment with Bursa Malaysia Securities Berhad Main Market Listing Requirements on sustainability reporting and the Bursa Malaysia Sustainability Reporting Guide, and several other internationally recognised reporting guidelines, standards and frameworks, including:

→ Global Reporting Initiative (GRI)

This Report has been prepared with reference to the GRI Standards. This Report also meets the GRI Principles for defining report content through the consideration of Stakeholder Inclusiveness, Sustainability Context, Materiality and Completeness - ensuring that PROLINTAS is:

- Responsive to stakeholder expectations and interests
- Presenting performance in the wider context of sustainability
- Focusing on issues in which we can create most impact and are critical to our business and stakeholders
- Including all information that is of significant economic, environmental and social impact to enable fair assessment of our performance

● For more information on the GRI Content Index, please turn to pages 180 to 182 of this Report.

→ Sustainable Development Goals (SDGs)

PROLINTAS has aligned our overall sustainability approach with the SDGs and given emphasis on the areas where we can generate the biggest impact on sustainable development.

● For more information on how we have contributed to the SDGs, please turn to pages 183 to 186 of this Report.

CARBON FOOTPRINT ASSESSMENT

To tighten our ESG considerations and strategies, we have entered into a collaboration with Malaysian Green Technology And Climate Change Corporation (MGTC) towards attaining our twin objectives of recognising in detail our carbon emissions baseline, as well as to identify viable strategies and pathways towards achieving Net Zero.

ASSURANCE APPROACH

A selection of this Report has been independently assured by SIRIM QAS International Sdn Bhd as the appointed third-party assurer by PROLINTAS.

● You may find our Independent Assurance Statement on pages 192 to 194 of this Report.

FORWARD-LOOKING STATEMENTS

This Report contains forward-looking statements that are meant to provide our stakeholders with the opportunity to understand our opinions and future plans. These statements should not be construed as definitive or predictions of the Group's future outcomes. There are marked degrees of uncertainty involved and are based on expectations that may change due to various uncertainties beyond our control.

→ Cross References

● Refer to Our Sustainability Report

▶ Refer to Our Website

FIND OUR REPORT



This QR Code leads to our Sustainability Report 2022

www.prolintas.com.my

INNOVATING SUSTAINABLE MOBILITY SOLUTIONS



ABOUT PROJEK LINTASAN KOTA HOLDINGS SDN BHD

With a focus on safety, efficiency, and sustainability, PROLINTAS's six highways have become a symbol of progress, connecting communities and supporting economic growth. Through our commitment to Elevating Urban Mobility, we aim to transform the way people move and enhance the quality of life for all.

VISION

To be the leading highway concessionaire in Malaysia.

MISSION

To build and operate highways that will become the routes of choice for motorists and commuters.

We are committed to deliver the following:

- Excellent customer services
- Effective cost management
- Effective assets and resources management
- Continuous business growth
- Leading Environmental, Social and Governance (ESG) Initiatives
- Technology-focused organisation
- Leading all relevant quality, safety and regulatory requirements and standards

→ 3 CORE SEGMENTS

We deliver our products and services through three core business segments:

→ PROJECTS



- Pioneers of elevated highway infrastructure with AKLEH - Malaysia's first-ever elevated highway.
- Immortalised in the Malaysia Book of Records as the builder of the highest elevated segmental box girder bridge and the country's first helicoidal ramp.

→ OPERATIONS



- Provide seamless connectivity to complement Klang Valley Transportation System.
- Largest urban highway operator in the Klang Valley, managing six highways with effective length of 259.85 km.
- Leveraging proprietary Smart Surveillance System innovation which empowers our highways with Artificial Intelligence (AI)
- Our highway boasts state-of-the art Traffic Control and Surveillance System, 24-hour Patrol Team, Emergency Hotline, Electronic Toll Collection systems, Closed-Circuit Television, Variable Message Signs, Vehicle Detection System, Emergency Lay-Bys and a Pedestrian Bridge.

→ CORPORATE



- Our integrity culture is reinforced by our robust internal control system, our adherence to industry certifications and our recognition of excellence in ethical conduct.
- Improve our quality of service by advancing our performance, competence and creativity, and adhering to pertinent standards such as ISO 9001, ISO 14001, ISO 45001, ISO 39001 and ISO 37001 Management Systems.

OUR HIGHWAYS



Length	16.8 km*
Interchanges	5

AMPANG - KUALA LUMPUR ELEVATED HIGHWAY (AKLEH)

In-City Driving Comfort

The nation's first intra-urban elevated highway with direct access into KL City Centre, improves mobility and convenience for commuters while supporting Ampang and Hulu Klang's rapid urbanisation.



Length	40.15 km*
Interchanges	6

GUTHRIE CORRIDOR EXPRESSWAY (GCE)

A Short Cut To North and South

Designed with the highest standards of structure and stability, Guthrie Corridor Expressway or GCE proves to be a smooth link between Shah Alam and Rawang, and an alternative route to the northern states.



Length	29.5 km*
Interchanges	6

LEBUHRAYA KEMUNING - SHAH ALAM (LKSA)

Accelerating Shah Alam's Growth

Serves as a high-speed, high-capacity link connecting major highways, in particular the Shah Alam Expressway (KESAS), the Federal Highway Route 2, as well as Alam Impian township.



* Note: Effective length including interchanges



OUR HIGHWAYS



LEBUHRAYA
KAJANG SILK
HIGHWAY

Length	97.4 km *
Interchanges	14

KAJANG SILK HIGHWAY (SILK)

Exceptional Convenience

Effective traffic dispersal network for Kajang's matured residential and commercial areas.



SUKE

Length	34.1 km*
Interchanges	11

SUNGAI BESI - ULU KELANG ELEVATED EXPRESSWAY (SUKE)

Unrivalled Access for Growth

Connecting high-density areas closer to everyone, promoting economic growth and most importantly, offering an effective traffic dispersal system.

Phase 1 opened to the public on 16 September 2022



DASH

Length	41.9 km*
Interchanges	13

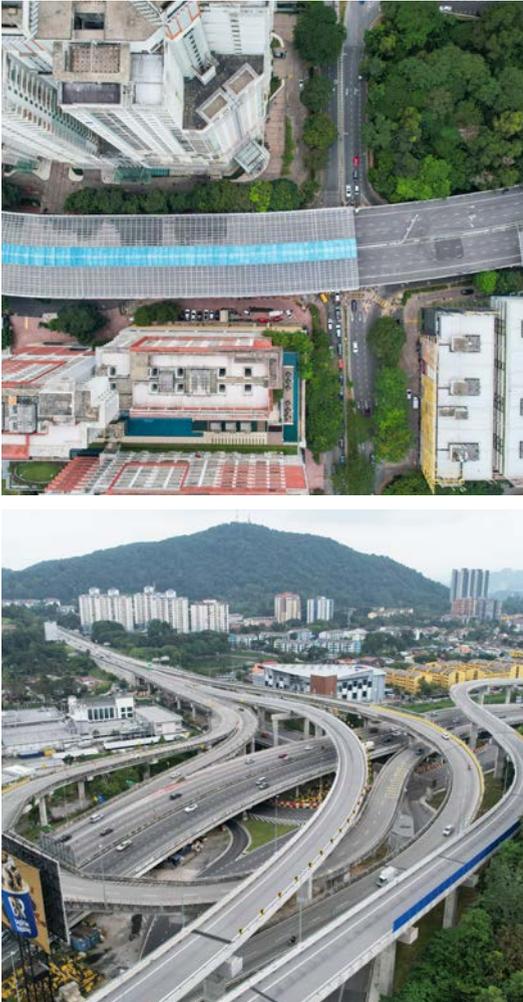
DAMANSARA - SHAH ALAM ELEVATED EXPRESSWAY (DASH)

Better Connectivity, Greater Mobility

Connectivity that blends in communities, reducing travelling time from the start to endpoint, from 90 minutes to only 30 minutes.

Opened to the public on 14 October 2022

OUR HIGHWAYS



HIGHWAY GENERAL ASSETS

Our operating highway assets form the heart of our business. Since our inception in 1995, we have continued to expand and improve, not only our highway footprint, but also the accompanying infrastructure to provide our road users with a safe and comfortable highway experience.



Effective Length including Interchanges
259.85 km



Elevated Deck Areas
1.89 million m²



Concrete Road Barriers
255 km



Gantry Structures
260 Nos.



Steel Guard Rails
163 km



Interchanges
55 Nos.



Street Lighting Poles
8,312 Nos.



Motorcycle Lanes
53 km



High Mast Poles
118 Nos.



Concrete Pier Structures
4,384 Nos.



Noise Barriers
46.9 km



Toll Plazas
16 Nos.



HIGHWAY FACILITIES AND SERVICES

Our service to our stakeholders does not just end on the road. Along our highways, we have put in place facilities and services that go beyond expectations to deliver not only convenience to our highway users, but also provide a welcoming environment to make our highways the route of choice for urban commuting.



Rest and Service Areas
2 Nos.



Lay-Bys
12 Nos.



Self-Service Kiosks
46 Nos.



Pedestrian Bridges
15 Nos.



Public Restrooms
14 Nos.



Public Surau
14 Nos.



Commercial Lots, Food Stalls, Kiosks and Push Carts
31 Units.



OUR HIGHWAYS

TRAFFIC CONTROL AND SURVEILLANCE

Our traffic management and surveillance capabilities play a vital role in ensuring the safety of our highway users. From our people on the ground to our technology-driven mobile solutions, we strive to stay connected with our stakeholders on every kilometre of our highways so that they can complete their journeys safely.



CCTV Cameras
412 Nos.



Variable Message Displays
38 Nos.



Electric Bikes
18 Nos.



Emergency Telephones
89 Nos.



Patrol Bikes
11 Nos.



Patrol Cars
24 Nos.



INNOVATION AND TECHNOLOGY SERVICES

Our commitment to innovation and technology are instrumental in making us one of the leading highway concessionaires in Malaysia. Harnessing the power of Internet of Things (IoT), we are able to ensure the safety of our highway users, improve the efficiency of our work processes and deliver continuous uptime of our systems. These allow us to monitor and maintain our infrastructure and assets to provide excellent service quality as well as achieve business continuity.



Smart Light Sensors
2,950 Nos.



Maintenance Register Devices
36 Nos.



Fleet Tracking and Monitoring Devices
104 Nos. Installed in Traffic, Maintenance and Pool Vehicles



4G LTE Backup Connectivity Devices
10 Nos. Installed at all Toll Plazas



Admin and Monitoring Devices
16 Nos. AI Monitoring Screens



Road Scanning Devices
11 Nos. Installed in all Patrol Vehicles



CLIMATE CHANGE CONTROL

We recognise that our role as a highway operator poses tough challenges in minimising negative climate impacts, as the vehicles which traverse our roads are largely powered by fossil fuel. Nonetheless, we strive to contribute efforts towards combating climate change, focusing on reducing carbon emissions within our operations and implementing carbon offsetting.



Solar Panel Energy Generation
316 kWp



Slope Monitoring Devices
239 Nos.



Trees Planted
29,278 Nos.



Main Drainage System
722 km



Electric Vehicle Charging Stations
8 Parking Bays



Detention and Retention Pond Capacity
59,211 m³



CORPORATE INFORMATION

→ FORM OF LEGAL ENTITY	→ BOARD OF DIRECTORS
<p>Incorporated on 19 January 1995 as a private company limited by shares under the Companies Act 1965.</p>	<p>Dato' Idris bin Kechot (Group Chairperson) Dato' Ikmal Hijaz bin Hashim Mohd Irwan bin Ahmad Mustafa Datin Suryani binti Tun Ahmad Sarji Dato' Sri Ir. Dr. Roslan bin Md Taha Datin Shelina binti Razaly Wahi <i>(Appointed with effect from 17 May 2022)</i></p>
→ AUDIT COMMITTEE	→ TENDER COMMITTEE
<p>Dato' Ikmal Hijaz bin Hashim (Chairperson) Datin Suryani binti Tun Ahmad Sarji Datin Shelina binti Razaly Wahi</p>	<p>Mohd Irwan bin Ahmad Mustafa (Chairperson) Dato' Ikmal Hijaz bin Hashim Datin Shelina binti Razaly Wahi</p>
→ NOMINATION AND REMUNERATION COMMITTEE	→ PROJECT MONITORING COMMITTEE
<p>Dato' Ikmal Hijaz bin Hashim (Chairperson) Datin Suryani binti Tun Ahmad Sarji Mohd Irwan bin Ahmad Mustafa</p>	<p>Dato' Sri Ir. Dr. Roslan bin Md Taha (Chairperson) Dato' Ikmal Hijaz bin Hashim Mohd Irwan bin Ahmad Mustafa Datin Suryani binti Tun Ahmad Sarji</p>
→ REGISTERED OFFICE	→ COMPANY SECRETARY
<p>12th Floor, Menara PNB, 201-A Jalan Tun Razak, 50400, Kuala Lumpur, Malaysia</p> <p>Tel : +603 2164 2450 Fax : +603 2164 2795 Email : info@prolintas.com.my</p>	<p>Nurdiana binti Kamarudin LS0009805 SSM PC No. 202108000224</p> <p>Tel : +603 2164 2450 (Ext: 144) Fax : +603 2164 2795 Email : nurdiana.kamarudin@prolintas.com.my</p>
→ AUDITORS	
<p>Ernst and Young PLT (LLP0022760-LCA) & AF 0039 Level 23A, Menara Milenium, Jalan Damanlela, Damansara Town Centre, 50490 Kuala Lumpur, Malaysia</p> <p style="text-align: right;">Tel : +603 7495 8000 Fax : +603 2095 5332 Web : www.ey.com</p>	



BOARD OF DIRECTORS

While traditional diversity criteria, such as gender and independence are important, we also value diversity of skills, experience, knowledge and unique perspectives.



YBhg Dato' Idris bin Kechot
Chairman



YBhg Dato' Ikmal Hijaz bin Hashim
Director



Encik Mohd Irwan bin Ahmad Mustafa
Director



YBhg Datin Suryani binti Tun Ahmad Sarji
Director



YBhg Dato' Sri Ir. Dr. Roslan bin Md Taha
Director

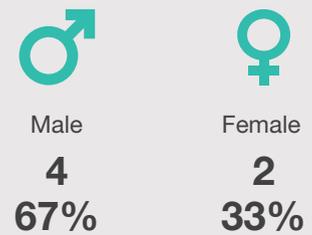


YBhg Datin Shelina binti Razaly Wahi
Director

BOARD TENURE



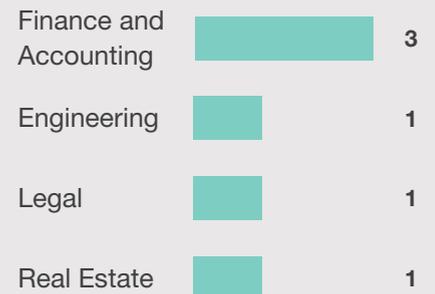
BOARD GENDER



BOARD AGE



BOARD QUALIFICATION



Declaration:

All of the Directors have no family relationship with any Director and/or major shareholder of PROLINTAS, have no conflict of interest with PROLINTAS and have not been convicted of any offence within the past five years, or been subject to public sanction or penalty imposed by the relevant regulatory bodies during the financial year.

BOARD OF DIRECTORS

→ MEMBERSHIP OF BOARD COMMITTEE



Nomination and Remuneration



Audit



Tender



YBHG DATO' IDRIS BIN KECHOT

Chairman



Date of Appointment:

30 November 2020

Tenure:

2 years

Total Meetings Attended:



Qualifications

- Master of Business Administration (Finance), University of Sterling, United Kingdom
- Bachelor of Science in Agribusiness, Universiti Pertanian Malaysia

Relevant Working Experience

Dato' Idris was formerly the Deputy President and Group Chief Operating Officer of Permodalan Nasional Berhad (PNB) before retiring on 31 December 2018. Prior to that, he was the designated investment manager for the unit trust funds and the Executive Director of ASNB. He has more than 30 years of experience in equity valuation, equity trading and portfolio management of proprietary and unit trust portfolios. He began his career as a research analyst with PNB in 1983, undertaking industry and sectorial research, and has carved an illustrious career with PNB.

Present Appointments

Listed Entities:

- Independent Non-Executive Chairman, Kumpulan Fima Berhad
- Independent Non-Executive Director, Sime Darby Plantation Berhad



BOARD OF DIRECTORS

 Project Monitoring
  Chairman
  Member



YBHG DATO' IKMAL HIJAZ BIN HASHIM

Director



Date of Appointment:
19 May 2017

Tenure:
5 years

Total Meetings Attended:



Qualifications

- Master of Philosophy (Land Management), University of Reading, United Kingdom
- Bachelor of Arts (Honours), University of Malaya

Relevant Working Experience

He began his career in the Administrative and Diplomatic Service of the Government of Malaysia from 1976 to 1990. He then joined United Engineers (Malaysia) Bhd as the General Manager of the Malaysian-Singapore 2nd Crossing Project. He was appointed as the Chief Operating Officer of PLUS Bhd on 1 January 1993, and subsequently as its Managing Director from January 1995 to June 1999. He was then appointed as the Managing Director of Prolink Development Sdn Bhd in July 1999. In February 2000, he was appointed the President of the Property Division of the Renong Group. He held the position of Managing Director of Renong Bhd from 2002 until October 2003. From 2003 to 2007, he was appointed as the Chief Executive Officer of Pos Malaysia Bhd as well as the Group Managing Director/Chief Executive Officer of Pos Malaysia and Services Holdings Bhd. He then moved on to serve as the Chief Executive Officer of Iskandar Regional Development Authority from February 2007 until end of February 2009.

Present Appointments

Listed Entities:

- Independent Non-Executive Director, Kumpulan Perangsang Selangor

BOARD OF DIRECTORS

→ MEMBERSHIP OF BOARD COMMITTEE



Nomination and Remuneration



Audit



Tender



MOHD IRWAN BIN AHMAD MUSTAFA

Director



Date of Appointment:

5 October 2017

Tenure:

5 years

Total Meetings Attended:



Qualifications

- Master of Finance, Australian National University, Australia
- Bachelor of Commerce, Australian National University, Australia
- Diploma of Accounting, Institute of Chartered Accountants Australia

Relevant Working Experience

He is the Senior Vice President of Private Investments and Special Projects at Permodalan Nasional Berhad (PNB). Prior to joining PNB, he was with Ekuiti Nasional Berhad as a Director of Investment from December 2011 to July 2017. He also served as the Vice President, Business Development at Integrax Berhad and Halim Rasip Holdings Sdn Bhd from December 2009 to November 2011. He started his career with PricewaterhouseCoopers Capital Sdn Bhd as a Senior Associate and was later promoted to Manager, Corporate Finance from March 2004 to November 2009.

Present Appointments

Listed Entities:

- Non-Independent Non-Executive Director, Velesto Energy Berhad

Other Public Companies:

- Non-Independent Non-Executive Director, Maybank Asset Management Group Berhad



BOARD OF DIRECTORS

 Project Monitoring  Chairman  Member



YBHG DATIN SURYANI BINTI TUN AHMAD SARJI

Director



Date of Appointment:

30 November 2020

Tenure:

2 years

Total Meetings Attended:



Qualifications

- Bachelor of Science (Accounting), University of Hull, United Kingdom

Relevant Working Experience

Datin Suryani has retail experience, having served at Chopard Malaysia, a luxury Swiss international brand heading their flagship boutique with an added role as the Customer Relationship Management (CRM) expert. Prior to that, she was a retail business partner to Caltex Malaysia.

Earlier in her career, Datin Suryani worked as an Investment Analyst with Seacorp Schroders Capital Management, specialising in the motor and consumer sectors. She started her career with Petronas Carigali Sdn Bhd in the Finance Department and was a member of the Production Sharing Contract (PSC) tender committee.

Present Appointments

Listed Entities:

- Independent Non-Executive Director, Globetronics Technology Berhad
- Independent Non-Executive Director, MST Golf Group Berhad



BOARD OF DIRECTORS

→ MEMBERSHIP OF BOARD COMMITTEE



Nomination and Remuneration



Audit



Tender



YBHG DATO' SRI IR. DR. ROSLAN BIN MD TAHA

Director



Qualifications

- Doctor of Philosophy (Environment), University of Wales, United Kingdom
- Master of Science (Civil Environmental Engineering), University of Liverpool, United Kingdom
- Bachelor of Science (Civil Engineering), University of Newcastle upon Tyne, United Kingdom

Relevant Working Experience

Upon graduation in 1982, Dato' Sri Ir. Dr. Roslan worked with the Public Works Department (JKR) Malaysia, held several positions in the states and Headquarters until his retirement in 2019 as the Director-General (DG). He is a registered Professional Engineer and Professional Engineer with Practising Certificate (PEPC) and member of the Disciplinary Committee with the Board of Engineers Malaysia (BEM), an Honorary Member with the Institution of Engineers Malaysia (IEM), an Honorary Fellow with the ASEAN Federation of Engineering Organisations (AFEEO) and an ASEAN Chartered Professional Engineer (ACPE).

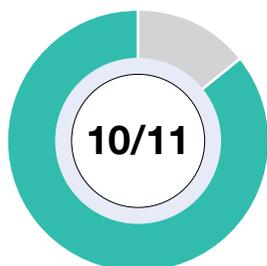
Date of Appointment:

30 November 2020

Tenure:

2 years

Total Meetings Attended:



BOARD OF DIRECTORS

 Project Monitoring  Chairman  Member



YBHG DATIN SHELINA BINTI RAZALY WAHI

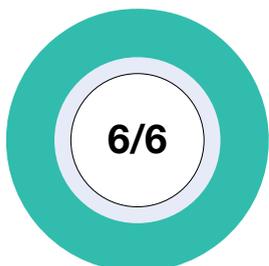
Director



Date of Appointment:
17 May 2022

Tenure:
Less than 1 year

Total Meetings Attended:



Qualifications

- Barrister-at-Law, Lincoln's Inn, London, United Kingdom
- Bachelor of Law (Hons), University of Bristol, United Kingdom
- Bar Vocational, BPP Law School, United Kingdom

Relevant Working Experience

Datin Shelina is a lawyer with experience from numerous industries, such as oil and gas, media, content and consumer service providers, start-up airlines and food and beverage start-up. In Oil and Gas, Datin Shelina served various roles as a focal point for all Human Resources related matters in Shell Malaysia, including setting up the in-house Litigation Management Programme. At AirAsia X, she served as a Legal Director who worked across all spheres of aviation, focusing on Aircraft and Engine Acquisitions, including leasing and financing, Aviation or Airlines Human Resources, and Operations and Engineering contracting matters.

Present Appointments

Listed Entities:

- Independent Non-Executive Director, Marine and General Berhad
- Independent Non-Executive Director, Pekat Group Berhad
- Independent Non-Executive Director, Alcom Group Berhad

Other Public Companies:

- Director, Lam Soon (M) Berhad

AC

TC

KEY SENIOR MANAGEMENT TEAM



YBHG DATO' MOHAMMAD AZLAN BIN ABDULLAH

Group Chief Executive Officer
PROLINTAS Group of Companies



Joined:
2017

Length of Service:
6 years

Qualifications

- Bachelor of Business Degree (Accountancy), University of Tasmania, Australia
- Chartered Accountant, Malaysian Institute of Accountants (MIA)
- Attended ASEAN Senior Management Development Program, Harvard Business School Alumni Club Malaysia (HBSACM)
- Attended Global Institute for Leadership Development (GILD) Asia, Singapore
- Attended Leadership Program, ASIA School of Business

Present Appointments

- Chairman, Sapura Energy Berhad
- Deputy President, Certified Practising Accountant (CPA) Australia, Malaysia Division
- Board of Trustee, Yayasan Bina Makmur
- Director, Universiti Teknikal Malaysia Melaka (UTeM)
- Member, Industry Advisory Panel College of Business and Accountancy, Universiti Tenaga Nasional (UNITEN)

Relevant Working Experience

Over 31 years of experience across various industries including professional services, real estate, media and advertising, as well as infrastructure. Prior to joining PROLINTAS, he was the Chief Executive Officer (CEO) of The New Straits Times Press (Malaysia) Berhad since 1 January 2012 after assuming the position of Chief Operating Officer on 15 October 2011.

Dato' Mohammad Azlan is a Fellow Member of the Certified Practising Accountant (CPA) Australia and Chartered Accountant, Malaysian Institute of Accountants (MIA) as well as Fellow Member of Institute of Corporate Directors Malaysia (ICDM).

**Declaration:*

The Senior Management members have no family relationship with any director and/or major shareholders of PROLINTAS, have no conflict of interest with PROLINTAS and have not been convicted of any offence within the past five years, or been subject to public sanction or penalty imposed by the relevant regulatory bodies during the financial year.



KEY SENIOR MANAGEMENT TEAM



**MALIK PARVEZ AHMAD
BIN NAZIR AHMAD**

Chief Operating Officer,
Commercial & Finance



Joined:
2008

Length of Service:
14 years

Qualifications

- Bachelor of Science (Accounting), International Islamic University Malaysia
- Chartered Accountant, Malaysian Institute of Accountants
- Attended Senior Management Development Programme, INSEAD, Fontainebleau, France

Relevant Working Experience

Over 29 years of experience in corporate finance, encompassing auditing, accounting and financial control for several listed and non-listed companies, prior to joining PROLINTAS as Chief Financial Officer in 2008.



Ir. ROSTAM SHAHRIF BIN TAMI

Chief Operating Officer,
Project & Operations



Joined:
1998

Length of Service:
24 years

Qualifications

- Bachelor of Engineering (Civil Engineering), Polytechnic of East London, United Kingdom
- Attended Senior Management Development Programme, INSEAD, Fontainebleau, France
- Professional Engineer, Board of Engineers Malaysia

Relevant Working Experience

Over 32 years of engineering experience, revolving around civil, structural and bridge. He was the Assistant Project Manager for Malaysian Resources Corporation Berhad before joining PROLINTAS as Executive, Design in 1998.



AZHARI BIN KARIM

General Manager,
Corporate Services Division



Joined:
2008

Length of Service:
14 years

Qualifications

- Master of Business Administration (MBA), Nottingham Trent University
- Bachelor of Business Administration, Ohio University
- Diploma in Investment Analysis, MARA Institute of Technology
- Attended Senior Management Development Programme, INSEAD, Fontainebleau, France

Relevant Working Experience

Over 32 years experience in various corporate functions across multiple industries including banking, automotive retail, and manufacturing. Throughout his career, he has held numerous roles in operations, human resources, purchasing, information technology and strategy development. He was the Head of Human Resource for Dutch Lady Milk Industries Berhad before joining PROLINTAS as General Manager of Human Capital Division in 2008.

KEY SENIOR MANAGEMENT TEAM



AZMEE BIN NIN

General Manager,
Highway Operations Division



Joined: 2020 **Length of Service:** 3 years

Qualifications

- Bachelor of Science (Building) with Distinction, Glasgow Caledonian University, United Kingdom
- Diploma in Building, MARA Institute of Technology

Relevant Working Experience

Over 38 years of experience in constructing as well as managing various expressways, both locally as well as internationally. He was the Head, Operations and Maintenance for Lebuhraya Borneo Utara prior to joining PROLINTAS as General Manager, Highway Asset Management and Monitoring Division in 2020.



DR. ROZAIDI BIN ABDUL RAHIM RAZALI

General Manager,
Integrity & Governance Department



Joined: 2017 **Length of Service:** 5 years

Qualifications

- Doctor of Business Administration (DBA), Ethics Management, Intl. Business Academy of Switzerland
- Master of Arts (M.A.) by Research Comm. & Media Studies, MARA University of Technology
- Bachelor Degree Mass Comm. (PR), MARA University of Technology
- Diploma in Corporate Governance, & Compliance Basel Institute on Governance
- Certified Integrity Officer, Malaysia Anti-Corruption Academy (MACA)

Relevant Working Experience

Over 20 years of experience as a practitioner, trainer and consultant, specialising in the areas of corporate governance, ethics, integrity and anti-corruption across various industries from telecommunication, automotive, education and infrastructure. He was the Chief Executive Officer of Penang Institute of Integrity before he became a corporate consultant prior to joining PROLINTAS in 2017.



MOHAMAD AZLAN BIN MOHAMAD ALAM

General Manager,
Finance Division



Joined: 2022 **Length of Service:** Less than a year

Qualifications

- Advanced Diploma in Accountancy, MARA Institute of Technology
- Chartered Accountant, Malaysian Institute of Accountants

Relevant Working Experience

Over 24 years experience across stockbroking, banking and financial conglomerate sectors, with area of expertise in financial reporting, strategy, project management, governance as well as transformation. He was the Group Chief Operations Officer for BIMB Holdings Berhad prior to his short stint with Pertama Digital Berhad as Finance Specialist right before joining PROLINTAS.



KEY SENIOR MANAGEMENT TEAM



ZAKARIA BIN SHAFFIE

General Manager,
SUKÉ



Joined:
2022

Length of Service:
Less than a year

Qualifications

- Bachelor of Science (Civil Engineering), University of Hartford, United States of America
- Diploma in Civil Engineering, University of Technology, Malaysia

Relevant Working Experience

Over 30 years of experience in the highway industry, including key infrastructures such as North-South Expressways, Setiawangsa-Pantai Expressway, Duta-Ulu Kelang Expressway Phase 1 and Phase 2. He was formerly the General Manager at PLUS Berhad and Project Director with Ekovest Berhad, prior to joining PROLINTAS.



**MOHAMED IBRAHIM
BIN PACKEER MOHAMED**

General Manager,
DASH



Joined:
2022

Length of Service:
Less than a year

Qualifications

- Master of Business Administration (Finance), Edith Cowan University
- Bachelor of Science (Industrial Engineering), University of Iowa, United States of America

Relevant Working Experience

Over 30 years of experience in automotive, manufacturing and public transportation infrastructure industry. He was the Head of Projects for Prasarana Malaysia Berhad prior to joining PROLINTAS.



NORHASHIMI BIN KASSIM

General Manager,
Electrical & Electronic Division



Joined:
2019

Length of Service:
3 years

Qualifications

- Bachelor of Science (Electrical Engineering), The George Washington University, United States of America

Relevant Working Experience

Over 34 years of experience across the electrical and electronic engineering spectrum for various applications, including building and expressway development. He was the General Manager for a construction company prior to joining PROLINTAS.

KEY SENIOR MANAGEMENT TEAM



Sr. AZURY BINTI KAMARUDDIN

Head,
Contract Management Division



Joined: 2020 **Length of Service:** 3 years

Qualifications

- Bachelor of Quantity Surveying, University of Technology, Malaysia
- Professional Quantity Surveyor, Board of Quantity Surveyors Malaysia

Relevant Working Experience

Over 20 years of experience across the spectrum of procurement, contract and operation management for projects. She was the Manager, Contract for Prasarana Malaysia Berhad prior to joining PROLINTAS in 2020 as the Senior Manager, Contract Management.



FRASHAD SHAH BIN MOHAMMED BAHL

Head,
Risk & Compliance Department



Joined: 2017 **Length of Service:** 5 years

Qualifications

- Master of Business Administration, University of Lancaster, United Kingdom
- Bachelor of Computing & Information Systems, University of Lincoln, United Kingdom

Relevant Working Experience

Over 20 years experience in Governance, Risk and Compliance across various industries from manufacturing, plantation, property and aviation across the country. He was the Enterprise Risk Manager for AirAsia Group before joining PROLINTAS as the Head of Risk Management in 2017.



FAREEZ BIN ZAHIR

Head,
Legal, Secretarial & Corporate Affairs Department



Joined: 2018 **Length of Service:** 4 years

Qualifications

- LLB (Hons.), International Islamic University Malaysia

Relevant Working Experience

Over 15 years of post-qualification experience in various industries ranging from banking and finance to retail, defence, property development and construction sectors. He joined PROLINTAS in 2018 and was responsible for all legal matters involving the now completed SUKE and DASH highways. He was subsequently given the responsibility to manage the Legal, Secretarial and Corporate Affairs Division in 2021.



KEY SENIOR MANAGEMENT TEAM



**MOHD JOHARI BIN MOHD
SALLEH**

Head,
Human Capital Division



Joined: 2013 **Length of Service:** 9 years

Qualifications

- Master of Business Administration, National University Malaysia
- Bachelor of Business Administration, Northern University of Malaysia

Relevant Working Experience

Over 25 years of experience as a human resource generalist in financial, property development and manufacturing. He was the Manager, Human Resource and Administration, Affin Holdings Berhad prior to joining PROLINTAS as Manager, Human Capital Division in 2013.



EANIS AZMAN BIN LATIF

Head,
Internal Audit Department



Joined: 2017 **Length of Service:** 5 years

Qualifications

- Bachelor of Arts (Hons) Accounting and Finance, Leeds Beckett University, United Kingdom

Relevant Working Experience

Over 22 years of experience across finance, taxation and audit as both in-house auditor as well as consultant. He was formerly the Deputy Senior Manager, Internal Audit for UEM Group Berhad prior to joining PROLINTAS.



BADRI BIN IBRAHIM

Head,
Corporate Communications Division



Joined: 2017 **Length of Service:** 5 years

Qualifications

- Bachelor of Commerce (Communication and Media Studies), Open University Malaysia
- Diploma in Public Administration, MARA University of Technology

Relevant Working Experience

Over 22 years of experience across the full spectrum of communications, public, as well as media relations for both private and public organisations. He was the Head, Strategic Media Planning for Clixter Mobile Sdn Bhd before joining PROLINTAS.

AWARDS AND ACCOLADES

The Integrity, Governance and Anti-Corruption Award (AIGA 2022)

Organised by the Malaysian Institute of Integrity

AIGA is an award that recognises public and private sectors that demonstrate their commitment to cultivating integrity, best governance and anti-corruption initiatives in their organisations.

AIGA's awards are carefully evaluated by qualified auditors and experienced panels from various industries, assessing companies for their best practices, internal controls, and adequate measures.

In 2022, PROLINTAS was rated from HIGH to MEDIUM for its Corruption Risk Rating by the Malaysian Anti-Corruption Commission (MACC). This ranking demonstrates the organisation's effective controls and use of suitable safeguards.

The construction industry is inherently complex and susceptible to corruption, so the decrease in PROLINTAS's risk rating from HIGH to MEDIUM is a significant accomplishment and milestone.



1. Gold Award for HR Best Practices
2. Grand Winner For Malaysian International Human Resource Award

Organised by the Malaysian of Human Resource Management (MIHRM)

PROLINTAS won the Gold Award for HR Best Practices and was declared the Grand Winner of the Malaysian International Human Resource Award 2021, triumphing over high achievers from MNCs and local players such as Maxis, American Express, Keysight Technologies, GroupM, Lembaga Zakat Selangor, Institut Jantung Negara and other competent participants.

This is a significant award recognition as it is our first time participating in this prestigious award organised by the MIHRM, a national event with international status and global recognition, which has been held since 1999. The Awards are strongly supported and endorsed by the human resource community, with the honourable Minister of Human Resources serving as the Patron.



Runner-up (Category C)
Elmina Rest Service Area South Bound
“Pertandingan Anugerah Medan Selera Bersih, Selamat Dan
Sihat Negeri Selangor 2022”

Organised by the Selangor State Department of Health

PROLINTAS created another proud achievement when the South Bound Elmina Rest Service Area, operated by the Guthrie Corridor Expressway (GCE), was named runner-up in the clean, safe and healthy food court award. This recognition demonstrates PROLINTAS’s commitment to providing a comfortable and pleasant environment for highway users.



Silver Award by the Green Building Index
For Projek Lintasan Damansara-Shah Alam Sdn Bhd (DASH)
Certified by GREEN BUILDING INDEX SDN BHD



Plaza Tol Denai Alam

Plaza Tol RRIM (Kwasa Damansara)

Plaza Tol Kota Damansara

Quality Assessment System in Construction Certification (QLASSIC)

Certified by Construction Research Institute of Malaysia (CREAM)



Damansara-Shah Alam Elevated Expressway (DASH)

Participated in Corporate Integrity System Malaysia (CISM)

Organised by the Malaysian Anti-Corruption Agency (MACC)

PROLINTAS has received recognition from the MACC for its commitment to promoting integrity initiatives across the organisation, and successfully fulfilled the requirements of the CISM and achieved an overall performance rating of 100%.



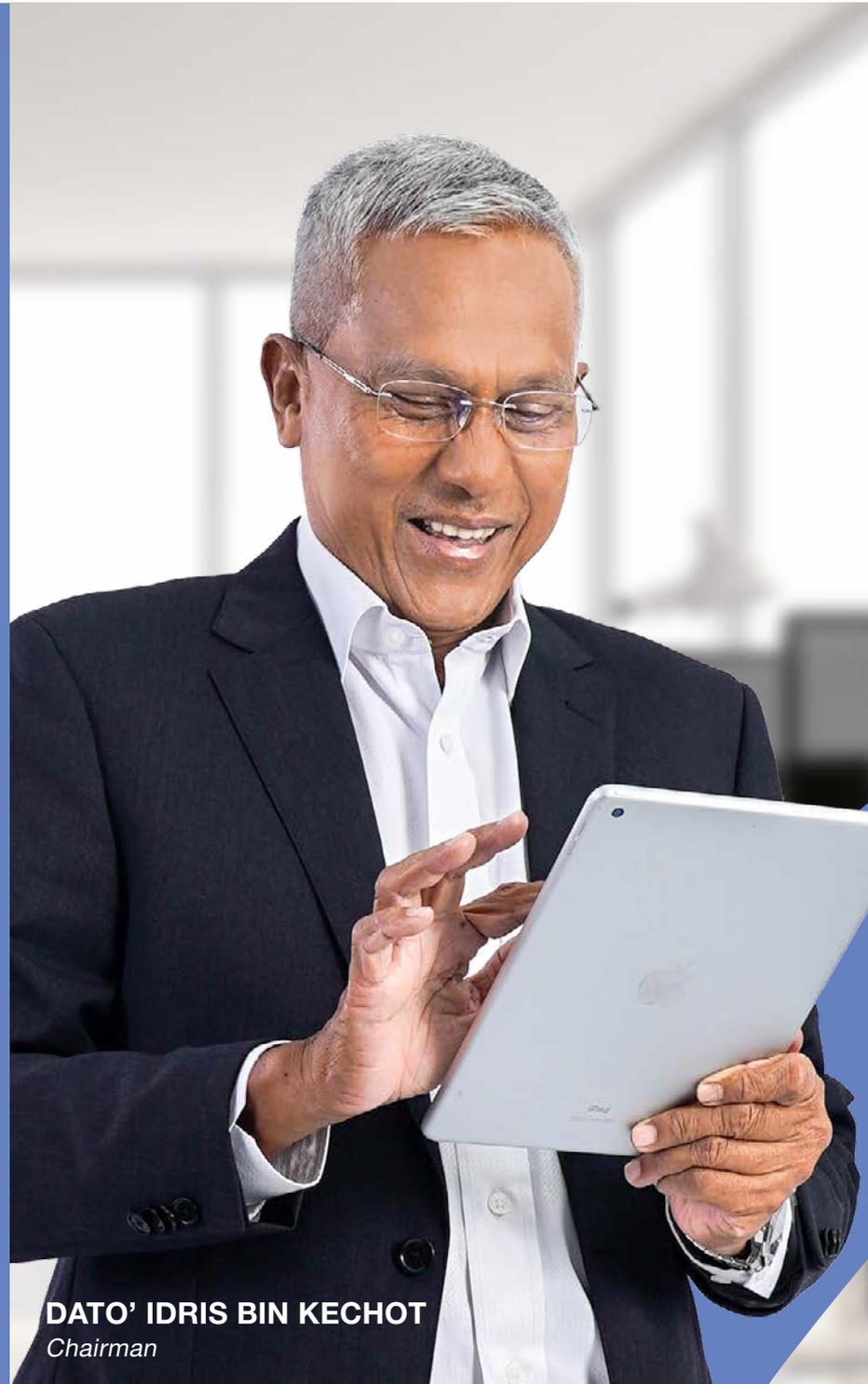
CHAIRMAN'S STATEMENT

DRIVING SUSTAINABLE URBAN MOBILITY FOR THE NATION



Dear Valued Stakeholders,

Amid the extraordinary changes brought on by the global pandemic, PROLINTAS has remained agile and resilient, delivering encouraging performance for the year. We have strengthened our business foundation to unlock value, delivered two notable highways seamlessly, and prioritised sustainability integration and approach. On behalf of the Board of Directors, I am honoured to present our second voluntary Sustainability Report 2022.



DATO' IDRIS BIN KECHOT
Chairman



Malaysia has embraced the buzzword ‘new normal’ of the past few years following the COVID-19 pandemic, which has now morphed into business as usual. It is hard to overstate the tremendous impact of the pandemic on people and businesses, with ramifications on macroeconomic factors, the global supply chain, and travel, among others. This has certainly changed the operating landscape, and in our context, significantly affected urban transportation and mobility systems.

With the rising rate of vaccinations, Malaysia moved into the endemic phase in April 2022, which then saw the economy reopening and domestic travel across states and international borders resuming. This has led to the country gradually easing back into normal life, albeit with a very appreciative perspective on sustainability and all it entails. While traffic was impacted by the movement control orders (MCO) instituted at the onset of the pandemic in 2020, toll road traffic rebounded encouragingly and even exceeded pre-pandemic traffic levels once the country moved into the endemic phase.

Sustainability Principles that Drive Our Value Creation Approach



ACCELERATING ADVANCEMENT

Accelerating changes for advancement, continuing to transform what we do and how we do it encompassing our core business.

1.89 million m²

elevated deck areas providing seamless connectivity

Refer to page 64 for Aspiration 1.



CONVERGING COMMUNITIES

To provide a quality infrastructure network and excellent services to elevate the quality of all lives.

Up to **742K**

daily traffic fulfilling urban mobility needs

Refer to page 110 for Aspiration 2.



ELEVATING LIVES

To conserve environment by creating sustainable activities and co-exist in harmony with the environment.

30%

GHG emissions reduction target (Scope 1 and Scope 2) by 2030

Refer to page 138 for Aspiration 3.

CHAIRMAN'S STATEMENT

STEERING STEADILY FOR GREATER SUSTAINABILITY

In my message here, I would like to spend some time illustrating the importance we at PROLINTAS place on adopting, strengthening and integrating sustainability principles in all that we do. This leads to building inclusive economic growth, improving the well-being of the Rakyat, helping develop the nation, and building a sustainable future for all.

These are lofty expectations but ones that we take earnestly as our social license to operate. We strive to build long-term value, and in doing so, we work to ensure that our business interests are aligned with our social and environmental obligations. At the heart of our Purpose is to ensure the well-being of the millions of users who ply our highways to get to their destinations, safeguard our environment, catalyse the social and economic progress of the nation, and deliver service excellence. These aspirations are anchored on our Sustainability Framework's three guiding pillars: Accelerating Advancement, Converging Communities and Elevating Lives, which drive our tactical strategies and initiatives.

These aspirations support the 12th Malaysia Plan for the 2021 to 2025 cycle, which articulates the need to advance sustainability responsibly and, in a way where economic development does not jeopardise the environment. This resonates deeply with all of us as we continue to embed sustainability into the core of our business strategies and operations.

We adapted to the changing operating environment of the year in review by redefining what success and performance meant to us. Against the challenging operating context, we calibrated our strategies and responses accordingly in order to drive continued sustainability leadership in the industry while maintaining financial growth. Environmental and climate actions have been elevated as a matter of priority, together with business growth, governance, innovation and technology, and making a more meaningful impact on our society.

One of the initiatives we undertook in 2022 was to make further improvements in our sustainability approach. We undertook to reassess, validate and prioritise our Material Matters to sharpen our focus and make certain that they aligned with our stakeholders' expectations. Through this exercise, we further

fine-tuned our Strategy and Risk to ensure their alignment with our strategic intent of progressing our aim to be Malaysia's leading highway concessionaire and enhance stakeholder value creation, ultimately helping us create lasting benefits for all our stakeholders and the nation. We will implement improvement programmes, measure performance and communicate our progress.

PROLINTAS remains committed to improving our reporting and transparency standards. That is why we voluntarily disclose and publish our Sustainability Report. For the year in review, we engaged with external consultants to help us strengthen our sustainability approach and reporting, including how we measure greenhouse gas (GHG) emissions along Scope 1, Scope 2 and Scope 3. Our fine-tuned approach will be articulated further in this Sustainability Report. With a progressive mindset to continuously improve ourselves, we are ever prepared to stand up to scrutiny through external validation. In this regard, we engaged SIRIM QAS International Sdn Bhd to conduct an independent assurance assessment.

Refer to SIRIM QAS International Sdn Bhd's Independent Assessment Statement on page 192.

In the spirit of greater transparency, we will include our Environmental and Social Performance Indicators as part of our ongoing reporting framework moving forward. This will give readers and stakeholders a bird's eye view of the traction we have been making in our sustainability efforts and will serve as a compass on areas where we can make further improvements.



➔ Solar panel installed at Plaza Toll Elmina, GCE.

GROUNDING IN GOOD GOVERNANCE

We strive to uphold the highest standards of corporate governance and integrity in conducting our business. These are key priority matters for the Board. Our rigorous financial and capital discipline and proactive risk management culture provided a solid foundation for our performance against the strained conditions of 2022.

For the year in review, PROLINTAS was conferred the Gold award for its commitment to integrity, governance, and anti-corruption initiatives at the Integrity, Governance, and Anti-Corruption Award (AIGA2022). The Malaysian Anti-Corruption Commission (MACC) re-rated PROLINTAS from a 'High' to 'Medium' in its corruption risk rating, which was a reflection of the effective controls and safeguards that have been implemented. We also adopted MACC's Declaration of Assets Policy as a proactive approach to eliminating corruption.

The Board continues to take a very proactive and leadership role in driving high standards of governance and ethics across our business and value chain. We have in place robust and rigorous policies, guidelines and committees to ensure that we undertake thoughtful deliberations.

 Refer to Ethics and Integrity on page 108.

UNLOCKING VALUE CREATION

We are at the tipping point of a new chapter in our journey, with a clear-minded focus on creating and unlocking value for our stakeholders. Our journey ahead will be driven by the next 5-year cycle of our Business Plan 2023-2027 (BP2023-2027). Our priorities under the BP2023-2027 are to drive business growth, strengthen our economic, environmental, social and governance (EESG) sustainability standings, and ramp up innovation and technology adoption. Underscoring these priorities will be our commitment to maintaining and exceeding expectations on operational excellence and project delivery.

For the past 27 years, we have steadied and strengthened our foundation, which has seen PROLINTAS grow in size, value and prominence as a leading highway concessionaire in Malaysia. We now operate six highways transporting commuters, linking commerce, and connecting communities across the Klang Valley. Our operations have delivered solid growth for the year, and we are poised to capture significant opportunities ahead.

The return of traffic to our roads upon the lifting of movement restrictions demonstrates the value commuters see in the efficiency of travel, savings on time, and, more importantly,

the reliability and safety when using PROLINTAS assets. We have strong potential to deliver growth. We remain committed to creating sustainable value by implementing strategies that will continue to improve material efficiency and deliver returns to our stakeholders.

We are very excited about the opportunities ahead of us, and we invite you to join us on this journey.

APPRECIATION

The Board of Directors joins me in expressing our sincere appreciation to the Government of Malaysia, namely the Prime Minister's Department, the Public-Private Partnership Unit, the Ministry of Works, the Ministry of Finance and the Malaysian Highway Authority for their insightful guidance and support. Our appreciation also goes to our shareholders, Permodalan Nasional Berhad and Amanah Saham Nasional Berhad, for their continued support and trust.

I would like to extend my gratitude to my fellow Directors on the Board for their invaluable support and insights. Our accomplishments for the year would not have been possible without the dedication and commitment demonstrated by the Management and employees of PROLINTAS.

I speak for all of us at PROLINTAS in extending our sincere appreciation to the millions of commuters who traverse our highways daily. Thank you.

The year ahead may prove to have its fair share of challenges, but the team at PROLINTAS is committed to sound management and driving improvements in our strategies to continuously create long-term value for our stakeholders and the country as we move forward together.

DATO' IDRIS BIN KECHOT

Chairman

GROUP CHIEF EXECUTIVE OFFICER'S STATEMENT

STRENGTHENING OUR STRATEGIES FOR A SUSTAINABLE FUTURE



**DATO' MOHAMMAD
AZLAN ABDULLAH**
Group Chief Executive Officer

The year in review has been a significant one of strengthening our operations and aligning our business for growth, despite economic uncertainties. We have a proven business model and a team dedicated to operational and service excellence, which was key to ensuring our recovery.

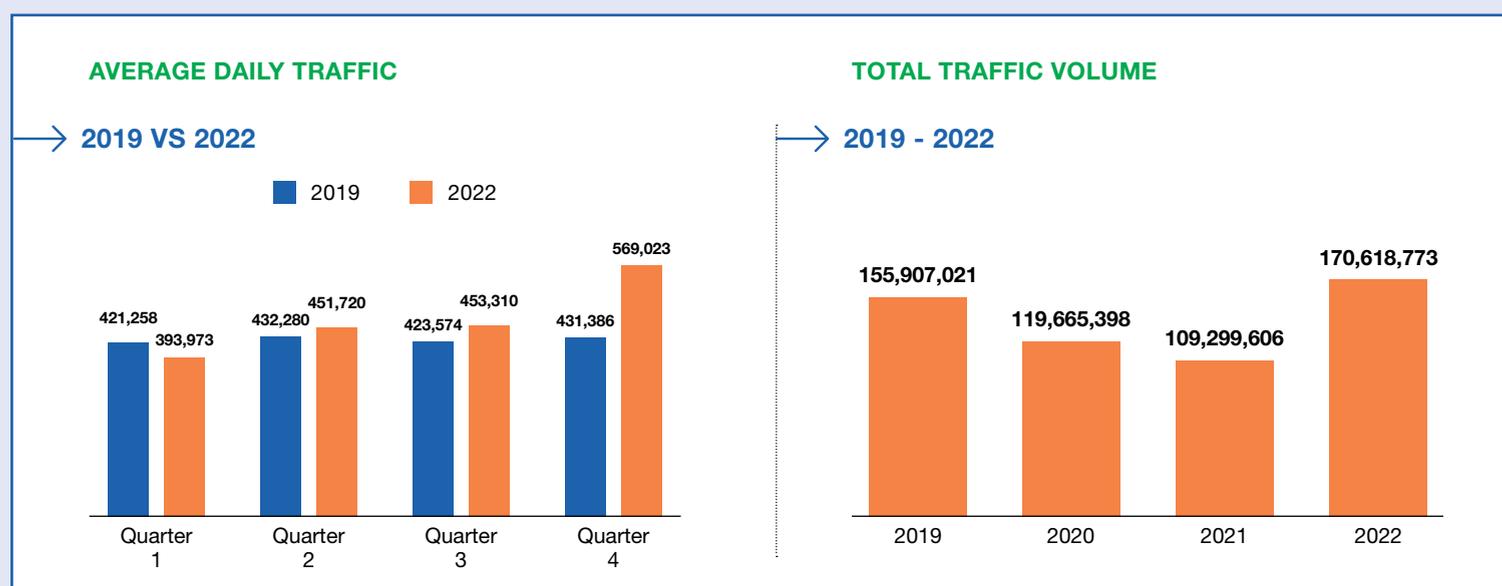
As the year unfolded, Malaysia faced the challenge of rebuilding its economy as we moved from a pandemic to an endemic phase. Our priorities remained clear: uphold the safety and well-being of those who work and travel with us, keep communities connected, foster an inclusive workforce, and proactively manage our environmental impact.



COMMENDABLE PERFORMANCE

Operating conditions were uneven for the year in review. Economic recovery has been slow but cautiously encouraging following the reopening of the economy as the country moved into the endemic phase. Geopolitical conflicts have led to global inflationary pressures and weakened supply chains. After more than two years of contending with the pandemic, inflation has now become the major cause of concern impacting Malaysians, with a rise in the cost of living amid increases in commodity and food prices.

In the first quarter of 2022, the Average Daily Traffic (ADT) remained depressed, at 393,973 vehicles per day, lower by 6.5% compared to the pre-pandemic 2019's first quarter. However, with the uplifting of the containment measures as Malaysia moved into the endemic phase, we witnessed a recalibration of traffic as it progressively increased over the next three quarters.



In recognising the hardships that many faced over the challenging period brought on by the pandemic, we, with the Government's blessings, restructured and revised toll rates for four highways, which were the Ampang-Kuala Lumpur Elevated Highway (AKLEH), Guthrie Corridor Expressway (GCE), Kemuning-Shah Alam Expressway (LKSA) and the SILK highway. The revisions to the toll rates were encapsulated in the Supplemental Concession Agreement undertaken with the Government and executed successfully in October 2022.

NEW TOLL RATES FOR CLASS ONE VEHICLES

Highway	AKLEH	GCE	LKSA		SILK
			Seri Muda	Alam Impian	
Previous Toll Rate	2.50	1.90	1.70	0.90	1.80
Revised Toll Rate	2.13	1.75	1.56	0.83	1.66
Discount	15%	8%	8%	8%	8%

“ Through the latest restructuring (reduction of the four above-mentioned toll rates), the Government will save RM5.2 billion in estimated compensation, which should be paid to the concession companies involved. Highway users will enjoy the lower rates that lighten their burden. ”

- Former Prime Minister, Datuk Seri Ismail Sabri Yaakob -

GROUP CHIEF EXECUTIVE OFFICER'S STATEMENT

In our efforts to boost the development of the country's infrastructure through public-private partnerships, we strike a balance between our commercial obligations and spurring economic development growth. Ultimately, when the Rakyat benefits, we, too, benefit.

PROLINTAS Financial Performance

Total revenue for the financial year 2022 increased by 1.35% to RM421.42 million compared to RM415.79 million in 2021, predominantly from toll revenue as traffic normalised, as well as from the opening of our two new highways, Sungai Besi-Ulu Kelang Elevated Expressway (SUKE) Phase 1 and Damansara-Shah Alam Elevated Expressway (DASH). PROLINTAS's operating performance, as reflected in the Earnings Before Interest, Taxes, Depreciation and Amortisation (EBITDA) is RM279.11 million. Dividends of RM60.0 million were paid to shareholders in FY2022.



→ The Penchala Interchange is also known as the 'Spaghetti Link' at DASH.

TOTAL REVENUE

RM421.42
Million

EBITDA

RM279.11
Million

DIVIDEND TO SHAREHOLDERS

RM60.00
Million

● Refer to Economic Contribution on page 98.

EASING CONGESTION WITH NEW HIGHWAYS SUKE AND DASH

We successfully delivered on a number of strategic objectives in 2022. Notable achievements for the year were the opening of two highways – SUKE Phase 1 on 16 September 2022 and DASH on 14 October 2022. The much-anticipated opening of these two new highways saw a resounding increase in highway utilisation, especially as traffic post the pandemic picked up. In fact, we anticipated an ADT of 42,000 vehicles when DASH opened from 14 October to the end of the year. However, we were pleasantly surprised at the 76.7% ADT increase above the forecasted volume, at 74,239 ADT, from its opening to the end of the financial year under review.

These two highways are expected to help millions of Malaysians reduce the travel time spent in traffic and on the roads by providing a shorter and faster route, bypassing heavy traffic on main access routes such as the Kuala Lumpur Middle Ring Road 2 (MRR2) and Persiaran Mokhtar Dahari (Shah Alam-Batu Arang Highway).

DASH, which was completed at the project cost of RM6.09 billion, is able to provide a much-needed traffic dispersal alternative in congested areas and cut down travel time by 30 minutes from Damansara to Shah Alam. SUKE, which is 98.67% completed as of the end of 2022, will help reduce peak-hour traffic on the MRR2 by at least 30% by alleviating congestion in Cheras, Pandan Indah and Ampang. The three-lane dual carriageway expressway, connecting Sri Petaling with Ulu Kelang, is built at the project cost of RM7.54 billion in construction. Since the opening of SUKE Phase 1, we have noted less traffic congestion on the MRR2.

The new expressways will help to progressively fulfil the aspiration to link seamlessly with public transport, making travel to every part of Greater Kuala Lumpur connected. There will be ongoing upgrades on the local roads along the expressways' alignments to allow access to the nearby mass rapid transit (MRT) and light rail transit (LRT) stations. Currently, DASH provides ramp access to the Kota Damansara public transport, while SUKE is able to connect to the Ampang public transit stop.

SUKE and DASH: Connecting Commuters, Easing Travel

→ SUKE

- Phase 1 completed in September 2022
- Reduce peak-hour traffic on MRR2 by at least 30%
- Alleviate congestion in Cheras, Pandan Indah and Ampang
- Connecting Sri Petaling with Ulu Kelang
- Connects to Ampang public transit stop

→ DASH

- Completed in October 2022
- Provide much-needed traffic dispersal alternative in congested areas
- Cut down travel time by 30 minutes from Damansara to Shah Alam
- Provides ramp access to Kota Damansara public transport

These highways not only provide travellers with time-saving alternatives to their destinations but also act as a catalyst for economic multipliers along the highway route. With the heightened connections, residential areas as well as business and market centres will be made more accessible, spurring more commerce connectivity and boosting property development efforts in the area.

SUKE and DASH

are expected to help commuters to reduce their travel time by providing a shorter and faster route.

TESTIMONIAL 1



The completion of the SUKE highway has made my daily commute effortless and saves me considerable time. My thanks go to PROLINTAS and the Government of Malaysia for building and completing this essential highway, making it easier for residents to go about their daily activities.



MR. CHANDRAN PALANIANDY
Ampang Resident

TESTIMONIAL 2



Thank God for the SUKE highway, which opened after a long wait. Now, my daily commute takes only 10 mins, saving considerable time without having to use the heavily-trafficked MRR2.



EN. MUHAMMAD EZ ZAMRI
Taman Bukit Segar Resident

GROUP CHIEF EXECUTIVE OFFICER'S STATEMENT

TESTIMONIAL 3



“

As a resident of the Sunway Alam Suria area for 15 years, I find the DASH highway incredibly beneficial and an excellent infrastructure to circumvent traffic, especially for those around congested Persiaran Mokhtar Dahari.

”

ENCIK FAZLI

Sunway Alam Suria Resident

REDUCED TRAVEL TIME

Dash Highway gets thumbs up from motorists

KUALA LUMPUR: It takes just 13 minutes now to travel from Puncak Perdana, Shah Alam, to Penchala here via the newly opened Damansara-Shah Alam Highway (Dash).

The NST CBT team took a drive from Puncak Perdana to Penchala yesterday morning, and found the journey to be smooth with not much traffic.

The journey (plus traffic) between these two highly dense areas would take up to one hour depending on traffic and the time of day, but with the opening of Dash, the travel time is cut significantly to 30 minutes.

The 20.1km mostly elevated highway has 13 intersections and three toll plazas — Denai Alam,

RRIM (Kwasa Damansara) and Kota Damansara. Dash is linked to the Guthrie Corridor Expressway, Damansara-Puchong Expressway and Penchala Link and West Kuala Lumpur Traffic Dispersal Scheme (Sprint).

At the opening of the Dash Highway on Thursday, caretaker Prime Minister Datuk Seri Ismail Sabri Yaakob said road users could enjoy toll-free rides starting yesterday to Nov 30.

General manager Ermira Faridah Mohd Said, who used the highway from Puncak Perdana to get to her office in Saujana Subang yesterday, said the journey was smooth although she only used it half-way and exited at Subang Airport.

"The highway is easy to manoeuvre due to quality roads and signages. The route is also scenic, especially in Puncak Perdana and Denai Alam. More importantly, I could avoid the old congested route via Jalan Sungai Buloh.

"I hope the operator will open up more toll lanes when traffic increases in the coming weeks."

Kimmy Foo, who commutes from Shah Alam to Petaling Jaya for work, said the highway cut her commuting time considerably.

"It took me half the time it normally takes to drive from Setia Alam to Damansara Perdana. I hope the toll fee will not be high.

"I wonder why the Damansara Perdana exit is still closed. I had to make a U-turn at TTDI."



The newly opened Damansara-Shah Alam Highway. PIC BY FIRDAUS KAMAL.

Twitter was all abuzz with the new highway's opening.

Datin@nazallya said: "I tried the Dash highway today from Penchala to Puncak Perdana. I left Penchala at 9.26am and reached Setia Alam at 9.54am. That's a total of 28 minutes!"

Dash Highway Platform Pejabat Kaki@teppanyaqi said: "GM taking Dash Elevated Highway, no one can explain the joy that it

brings to those who live in the suburbs, with average commuting hours of 1.45 to 2 hours during peak hours."

Social media user Chrystian Teh said: "Finally the Dash Highway is completed. It's such a beautiful highway with scenic views of Kota Dsara and Dsara Perdana. My entry point from Seksyen 5 KD to TTDI exit took only 5 minutes. Great project."

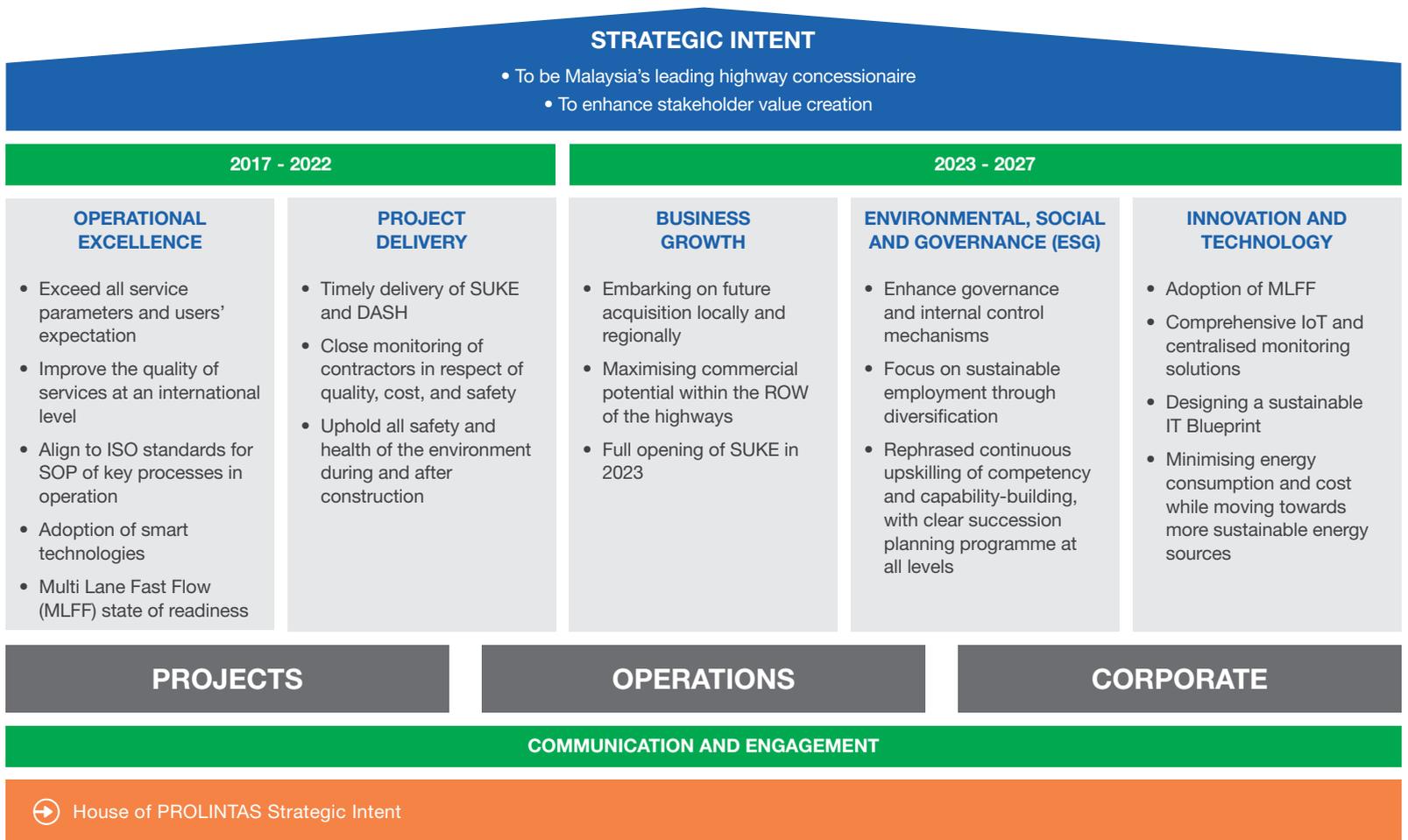
NST, Nation, page 8, 15.10.2022

ROBUST STRATEGY TO DELIVER VALUE

We continue to keep our attention firmly on advancing and adding value for our stakeholders. To do this, we stand guided by the House of PROLINTAS Strategic Intent 2017-2027 Business Plan which drives our business approach based on five main priorities.

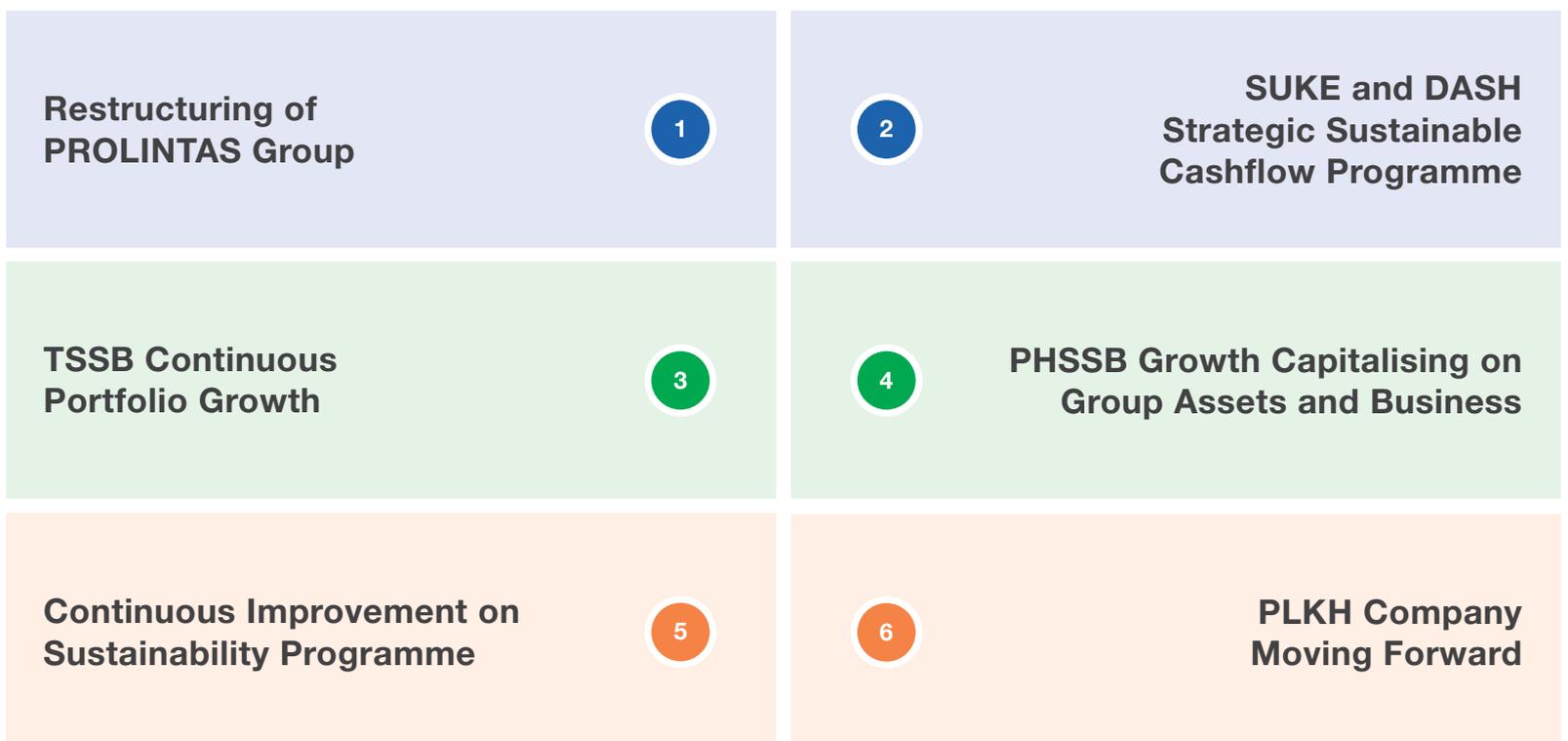
The market challenges of the last few years have forced us to somewhat adjust our deadlines, but we have continued to deliver on our strategic intent to be a leading highway concessionaire and increase stakeholder value creation. We used 2022 to wrap up the previously disclosed 2017-2021 Business Plan and concentrated on effectively completing projects in accordance with our goals.





The accomplishments we have charted so far in driving operational excellence and project delivery have built a growth proposition and paved the way for the next chapter of our business journey. We are at a very important and exciting mid-way juncture of the Strategic Intent. The next half of the plan is to unlock greater value and deliver meaningful returns to our stakeholders.

→ **PROLINTAS GROUP 5 YEARS BUSINESS PLAN (2023 - 2027)**



GROUP CHIEF EXECUTIVE OFFICER'S STATEMENT

We have also outlined and will be executing a strategy to build a sustainable cash flow programme for our greenfield highways SUKE and DASH, as well as leverage opportunities to strengthen portfolio growth in asset development and construction, tap growth potential and develop revenue-generating assets, and strengthen the asset and facilities management revenue stream.

While we may be known as a highway developer and operator, we challenged ourselves to think laterally and seek opportunities to unlock value. In this regard, we looked to monetise a plot of land near Alam Impian lay-by and built an event space named Alam Impian Urban Park. This venue is fully equipped with facilities and car park spaces that can be used for any celebratory occasions, launches, and corporate gatherings. This was fully operational in January 2023. We will also expand our commercialisation and monetisation of assets and facilities along our highways, including leasing billboards, fibre optics and telco towers, property and space rentals, petrol stations, and convenience stores.

STRATEGY TO UNLOCK VALUE AND GROW 2023 - 2027 ACROSS KEY SEGMENTS

Brownfield Highways



Strategy

- Restructuring of the 4 highways
- Listing of the highways on Bursa Malaysia
- Future acquisition of highways

Greenfield Highways



Strategy

- Restructuring exercise for SUKE for sustainable cashflow

Turnkey Contractor



Strategy

Embark on the development of new revenue-generating assets along PROLINTAS highways :

- Development of Rest Service Areas and Lay-by in SUKE and DASH
- Construction of petrol stations and convenience stores
- Development of amenities and facilities

Commercial and Facilities

PHSSB

Strategy

Manage key commercial business

- Billboard and telco tower
- Property and space rental

Explore new key commercial business

- Petrol stations
- Convenience stores



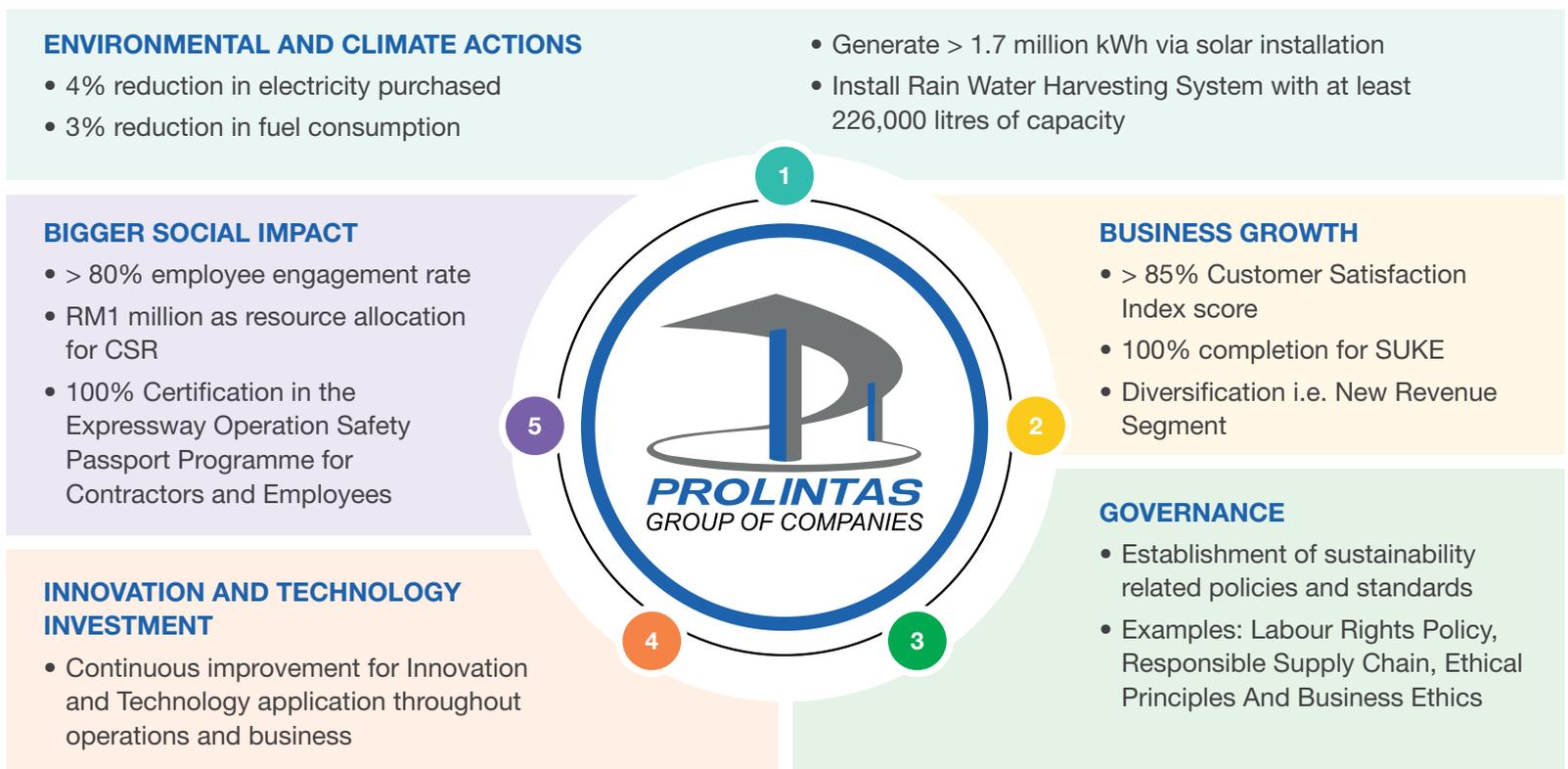
Underscoring all the initiatives and approaches outlined in the Business Plan 2023-2027 is the continuous progress on implementing sustainability programmes that will further strengthen the organisation’s resiliency and ensure we contribute to long-term value creation. With professional insights gleaned from the assessment work we have conducted with sustainability consultants, we looked at areas to improve upon to continue strengthening our sustainability strategy.

We have refined our sustainability focus to six key ESG performance pillars: Business Growth, Governance, Social Progress, Energy and Climate, Material and Waste, and Natural Resources Preservation. What is important to note are the measurable sustainability targets identified for 2023, which will provide greater transparency and accountability on how we progress on what matters to PROLINTAS.

→ **PROLINTAS SUSTAINABILITY (ESG) PERFORMANCE FOCUS**

<p>▲ INCREASE VALUE</p>	<p>1. Business Growth</p> <ol style="list-style-type: none"> 1. Quality Infrastructure (strategic accessibility and connectivity) 2. Attractive Services Offerings 3. Innovation and Technology 	<p>2. Governance</p> <ol style="list-style-type: none"> 1. Integrity and Transparency Framework 2. Business Ethics and Compliance 3. Establishment of Sustainability Policy and Standard Alignment to Stakeholders’ (PNB) Framework 	<p>3. Social Progress</p> <ol style="list-style-type: none"> 1. Human Capital Development and Well-Being 2. Improve Road User Satisfaction 3. Safer Road Conditions 4. Targeted CSR Activities 5. Labour Rights
	<p>▼ REDUCE NEGATIVE IMPACT</p>	<p>4. Energy and Climate</p> <ol style="list-style-type: none"> 1. Review Energy Mix 2. Green Procurement 	<p>5. Material and Waste</p> <ol style="list-style-type: none"> 1. Less Resources Use 2. Less Waste Generation 3. Green Procurement

→ **OUR ESG PERFORMANCE FOCUS AREAS**



As an infrastructure developer and critical enabler for economic development, the Business Plan 2023-2027 will lay the foundation for unlocking value for stakeholders in the years ahead. PROLINTAS’s key performance indicators reflect its commitment to driving meaningful performance, implementation, and results to achieve its aspirations.

GROUP CHIEF EXECUTIVE OFFICER'S STATEMENT

CREATING AND COMMUNICATING OUR VALUE

As we pursue our strategy to unlock and realise value, we recognise that stakeholders, including investors, regulators, and employees, are increasingly seeking to understand how organisations such as PROLINTAS create value. Since 2021, we have taken steps to provide transparency in our operations through our voluntarily-published Sustainability Report. By disclosing how we create value, we are committed to providing clarity and accountability in our operations to build trust and credibility with our stakeholders.

We are continuously striving to improve our reporting practices, and this year's Sustainability Report includes our Value Creation Model, which articulates how we generate value through our operations. By making this disclosure, we are enhancing our commitment to corporate accountability, open communication, and transparency. We believe that this will enable our stakeholders to gain a deeper understanding of the value we generate for the organisation, our stakeholders, and the wider community.

Our approach to value creation is grounded in constructing, maintaining, and managing highways while taking into account our social and environmental responsibilities. By focusing on these inputs, we aim to generate outputs that provide long-term value to our stakeholders.

As we move forward, we remain committed to enhancing our disclosure practices, as this also holds us accountable and subject to scrutiny. We are confident that by fostering greater transparency and accountability, we can cultivate trust and strengthen our engagement with stakeholders, ultimately resulting in sustained long-term benefits for everyone.

● Refer to Value Creation Model on page 59.

INTEGRATING SUSTAINABILITY

We aspire to be a sustainable organisation, here for the long-term benefit of our stakeholders. Over the years, we have progressively institutionalised our economic, environmental, social and governance (EESG) priorities. For us, continuing to provide solutions, market-leading innovations and capabilities in a sustainable manner is key to delivering value to our stakeholders. I am proud to report that we have charted many milestones for the year in review

2022 Sustainability Efforts at a Glance

- Reassessed Material Matters with Stakeholders due to changing environment
- Identified 14 Material Matters

● Refer to Assessing Our Material Matters on page 54.

→ Climate Change

Climate change is undoubtedly one of our most urgent issues, as the impact of climate change continues to be felt around the world. Malaysia, too, has been experiencing the impact of climate change in its extreme rainfall and intense dry spells with many insidious repercussions.



→ To instil a sense of ownership and care towards the environment through Rewilding the Forest @ Taman Tugu programme.

At PROLINTAS, we are conscious that the nature of our business as a highway operator facilitates the movement of vehicles that use fossil fuels and emit carbon emissions. Nevertheless, managing and minimising our environmental footprint is conspicuously integrated into our Strategic Intent and our business plans and initiatives.

2022 Sustainability Efforts at a Glance

Greenhouse Gas (GHG) emissions assessment

- Assessment across all operations for Scope 1, Scope 2 and Scope 3
- Energy consumption management and replacement to green, energy savings products

● Refer to GHG and Climate Change on page 140.

SUSTAINABLE GROWTH ENABLED BY A STRONG TEAM

The past couple of years has been a lesson in adaptability and endurance for us. Although faced with an immensely changed work landscape, the team at PROLINTAS remain as engaged and committed as ever in driving performance and moving the business forward. The management is committed to creating an inclusive, equitable and engaged workforce.

In today's era, we are aware of the need to support the developmental aspects of our people together with ensuring their mental well-being. We continued to emphasise the importance of physical and mental health and safety, and implemented several programmes and initiatives. These included a mental health programme with Naluri, a health risk assessment programme that provided psychological support from counsellors.

We also continued with initiatives instituted since 2020 for the well-being of our employees in the battle against COVID-19. This included providing vaccination leaves, home disinfection services for employees who were down with COVID-19, as well as healthcare kits, food delivery vouchers and food aid to our people who needed it.

In the same vein, we embarked on an office design rethink post-pandemic and moved towards an open-concept office layout that was more contemporary in design and eased employee navigation. This was to foster greater teamwork and enhance the quality of work when we moved from hybrid working modes to working from the office in February 2022. This office design rethink is as vital as the well-being programmes that we will continue to implement. We strive to provide a conducive and safe working place for everyone so that we can cope and thrive in an age of high-stress, fast-paced work of today.

The heart of our organisation is our people, who create our success. We care deeply about providing them with developmental opportunities so that they can reskill and upskill themselves and move across the various roles when the opportunity and need arise. Given that our business is a niche, our employees' specialist knowledge, expertise, and experience play a vital role in increasing long-term value generation towards sustainability. We are committed to providing and supporting our talents with continuous opportunities for growth in a conducive environment. Their sense of belonging and engagement are vital to achieving our collective objectives together.

→ **TALENT, CULTURE AND HUMAN CAPITAL DEVELOPMENT**

Talent	Training and Development	Well-Being and Caring Employer	Engagement
Supporting Youth Hiring Initiative via PROLINTAS PROTÉGÉ Programme of 34 nos and Internship Programme of 28 nos in 2022	Driving a High-Performance Culture	Accelerating vaccination via CIVac 100% vaccinated (RM41k)	Promoting wellness and sustainability : 1. Mammogram Health Screening as an early detection for Breast Cancer to prevalent women group (age 40 and above) 2. International Women's Day Celebration 3. PINK October : Breast Cancer Awareness 4. MOVEMBER Movement : Men's Health Awareness
Supporting Government initiative in hiring 20 retrenched workers	Implement succession plan to ensure steady pool of talents for Key Positions and Mission Critical Positions	Foodbank PROLINTAS and Zakat aid for 100 B40 employees (RM30k)	eTownhall -Leveraging into digital platform for engagement programmes Developing and sustaining employee engagement at least once a month
Gearing up for SUKE and DASH Hiring	Expand capabilities through leadership agility-building programmes and upskilling to meet current and future jobs as well as business objectives.	PCR and RTK COVID-19 test provided free of charge to all employees (RM252k)	Develop a knowledge-sharing culture for better collaboration

Our people management and development efforts were recognised when we were awarded the Gold Award for HR Best Practices and the Grand Award at the 21st Malaysia-International HR Awards by the Malaysian Institute of Human Resource Management (MIHRM).

Refer to Workforce Development on Page 66 and Employee Well-Being on page 86.

UPHOLDING SAFETY AND WELL-BEING

Safety is the main priority that guides all we do, regardless of whether they are travelling or working with us. We strive to provide reliability and safety for our highway users and inculcate responsibility along our supply chain with respect to worker safety and responsible employment. We promote a safety-first approach in everything that we do. There is nothing so important that we cannot take the time to do it properly and do it safely.

We have incorporated safety features on our highways to improve safety when using our roads and facilities. Incorporating porous asphalt pavement and micro surfacing to improve skid resistance, as well as rumble-strips that cause tactile vibrations to warn motorists against speeding around curves, help to increase safety and minimise the risk of accidents.

Refer to Road User Well-Being on page 112.

Our highway operations team undergo regular safety training and refresher programmes to ensure work is done according to Occupational Safety and Health (OSH) regulations. It is mandatory for all highway operation personnel to be certified in the Expressway Operation Safety Passport (EOSP), Basic Occupational First Aid (BOFA), Working at Heights, and the Authorised Entrant and Standby Person for Confined Space before entering their respective work zones.

These regular programmes are designed to manage risk and ensure safety protocols are adhered to at all times when performing highway operations work. The regularity of the programmes also aids our people to continuously learn and apply best practices in providing first-aid emergency care, which is key to increasing the survival rate should accidents and catastrophic events occur.

GROUP CHIEF EXECUTIVE OFFICER'S STATEMENT

The safety of our people is non-negotiable. In our ongoing effort to ensure we maintain the highest environmental, occupational health and safety standards, we maintain the ISO 14001:2015 Environment Management System, ISO 39001:2012 Road Traffic Safety Management System, and ISO 45001:2018 Occupational Health and Safety Management Systems certification that enables better risk management, improved performance and the implementation of effective policies and objectives. These certifications are a global standard management system developed to mitigate any factors that can cause employees and businesses irreparable harm.

Underlying the commitment our people bring to their roles and responsibilities is the new way of working following the pandemic. Day-to-day safety and sanitation protocols continue to be instituted, and regular awareness programmes and trainings conducted.

 Refer to Workforce Development on page 66.

BUILDING OUR FUTURE TOGETHER

I am proud of the significant traction we have made on this journey. Today, we operate six highways connecting urban Klang Valley and enabling the commute of nearly 170 million vehicles annually. Our expressways are vital to keeping communities connected and commerce moving, thereby driving greater social integration and building socio-economic activity.

6 highways connect urban Klang Valley and facilitate the commuting of more than **170 million** vehicles annually



The strategy outlined in the ten-year Business Plan 2017-2027 that we mapped out is effective, and we are seeing good traction. I am very excited about the opportunities we have ahead of us. We have strong untapped potential to unlock and deliver growth and value. While uncertainties abound in the operating year ahead, we proceed with cautious optimism underpinned by the strength of our strategy and our people. We reaffirm our commitment to our stakeholders and look forward to delivering value over the coming years.



 PROLINTAS has strong untapped potential to unlock and deliver growth and value.

APPRECIATION

The accomplishments of the past year could not have been achieved without the strong support of many. My thanks go to the Government of Malaysia, Unit Kerjasama Awam Swasta (UKAS) under the purview of the Prime Minister's Department, the Ministry of Works, the Ministry of Finance, as well as the Malaysian Highway Authority for their tremendous support.

My sincere appreciation goes to the Chairman and the Board of Directors of PROLINTAS for their counsel and guidance. I want to accord a special thank you to the entire PROLINTAS workforce for their work ethics, professionalism and dedication. They continue to make us proud every step of the way.

Lastly, I want to extend a heartfelt thank you to all our highway users. I thank you for your trust and confidence in our highways. Your support drives us to work even harder to ensure your experience with PROLINTAS is safe, comfortable and convenient for your commuting needs.

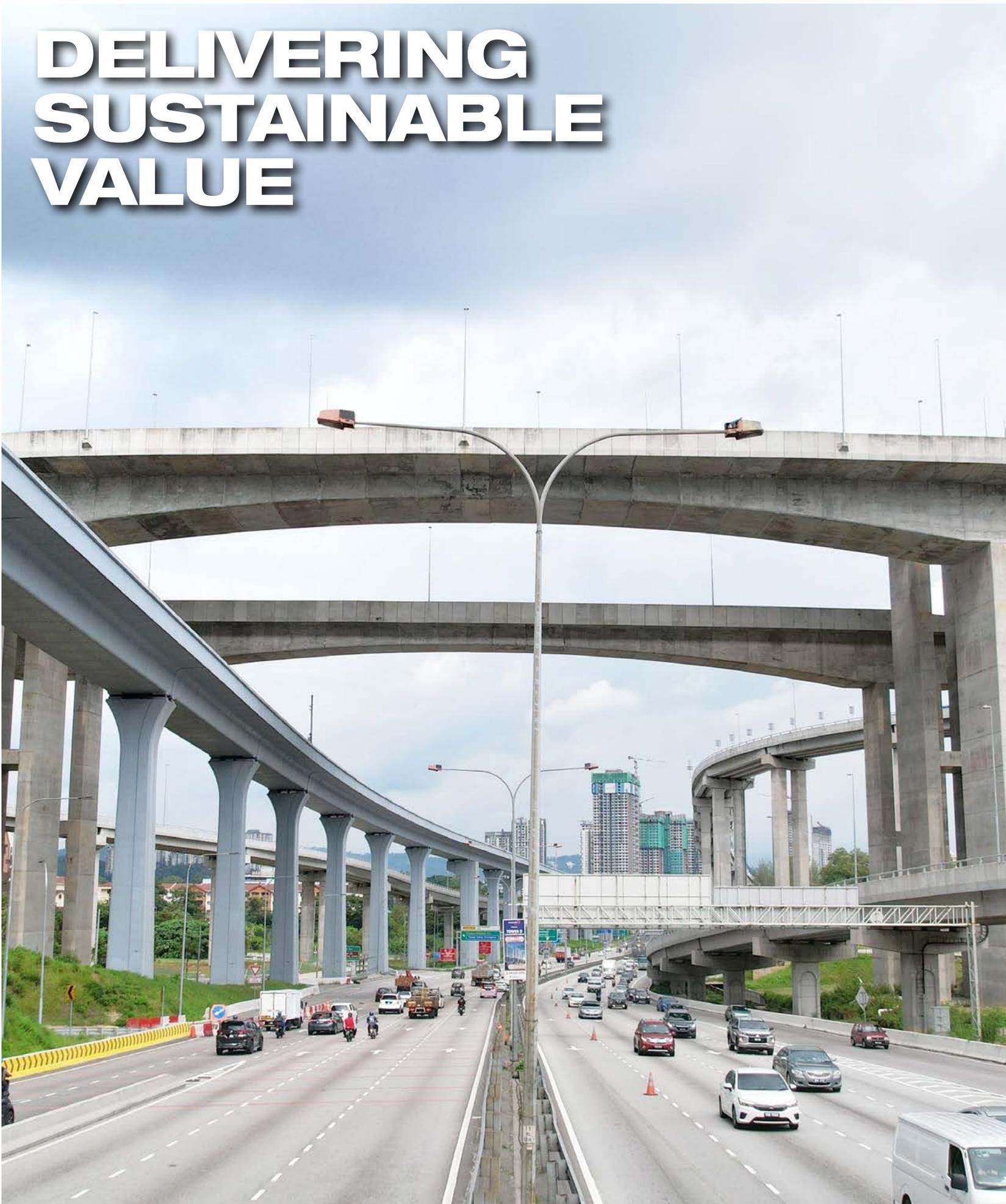
DATO' MOHAMMAD AZLAN ABDULLAH
Group Chief Executive Officer





➔ SUKE Award-winning Helicoidal Ramp Design.

DELIVERING SUSTAINABLE VALUE



SUSTAINABILITY FRAMEWORK

A dynamic road infrastructure connecting people and transporting goods is vital for a country’s economic and social development. As one of Malaysia’s leading road infrastructure developers, with the aim of providing solutions to urban congestion for generations to come, sustainability is integral to our business strategy.

As the world copes with the impacts of climate change, population growth and resource challenges, we are committed to playing our part responsibly in taking an active role and making better decisions for the health of our planet and people. We embrace a Sustainability Framework that embodies the core pillars of Environmental, Social and Governance (ESG) as well as Economic, which guides us in our decision-making and strategic approaches to contributing to a more sustainable world. Our Sustainability Framework is informed by our Vision and Values. It is centred around creating long-term shared value through three key overarching pillars: Accelerating Advancement, Converging Communities, and Elevating Lives. These three pillars drive our commitment and actions towards transforming and strengthening the mobility infrastructure, connecting people and communities for better social and economic integration, and operating responsibly as part of our aim to manage our environmental impact.

We strive to enhance and progress our sustainability strategies continuously. In this regard, we constantly engage with our stakeholders to ensure that we translate the needs of progress in line with our purpose. This year, six ESG Performance Focus Areas have been identified as key drivers of our Sustainability Framework with the broad aim of harnessing our approach in creating and increasing value for our stakeholders and communities, and reducing the negative impact on the environment in which we operate. These focus areas will be incorporated into our Key Performance Indicators (KPIs) to ensure that we make positive impacts on our business and strategies, deliver excellent services to our stakeholders, support our communities for greater social progress, and protect the environment we operate in.

→ SUSTAINABILITY FRAMEWORK

 <p>ACCELERATING ADVANCEMENT</p> <p>Accelerating changes for advancement, continuing to transform what we do and how we do it encompassing our core business.</p>	 <p>CONVERGING COMMUNITIES</p> <p>To provide a quality infrastructure network and excellent services to elevate the quality of all lives.</p>	 <p>ELEVATING LIVES</p> <p>To conserve environment by creating sustainable activities and co-exist in harmony with the environment.</p>
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→ OUR GOALS

<ul style="list-style-type: none"> Strengthening infrastructure to support economic expansion Re-engineering economic growth for greater prosperity Providing Sustainable employment opportunities Ensuring good governance practices 	<ul style="list-style-type: none"> Enhancing inclusiveness towards an equitable society Improving well-being for all prosperity Accelerating human capital development Strengthening work-life balance 	<ul style="list-style-type: none"> Pursuing green growth for sustainability and resilience
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→ OUR ESG PERFORMANCE FOCUS AREAS

Increase Value ▲	Reduce Negative Impact ▼
<p>Business Growth</p> <ol style="list-style-type: none"> Quality Infrastructure (strategic accessibility and connectivity) Attractive Services Offerings Innovation and Technology 	<p>Energy and Climate</p> <ol style="list-style-type: none"> Review Energy Mix Green Procurement
<p>Governance</p> <ol style="list-style-type: none"> Integrity and Transparency Framework Business Ethics and Compliance Establishment of Sustainability Policy and Standard Alignment to Stakeholders’ (PNB) Framework 	<p>Material and Waste</p> <ol style="list-style-type: none"> Less Resources Use Less Waste Generation Green Procurement
<p>Social Progress</p> <ol style="list-style-type: none"> Human Capital Development and Well-Being Improve Road User Satisfaction Safer Road Conditions Targeted CSR Activities Labour Rights 	<p>Natural Resource Preservation</p> <ol style="list-style-type: none"> Responsible Use of Water Water Discharge Management Avoid Deforestation

SUSTAINABILITY PRINCIPLES

Our sustainability principles are driven by our aim to enable millions of Malaysians to connect and access opportunities for economic and social progress. We embed ESG considerations across our operations and value chain to build a culture of sustainability.

We join the international community in aligning our sustainability commitments and strategies with the global development agenda for sustainability by the United Nations Sustainable Development Goals (SDGs), which is targeted for achievement by 2030. We look to contributing positively to 12 of the identified SDGs, which ladder up to our sustainability approach to create long-term economic and social value through our three-pronged approach: Accelerating Advancement, Converging Communities and Elevating Lives. This focuses our efforts to make an impact where it matters - to our customers, shareholders, the environment, society and our employees.



→ Tree planting activity at Taman Tugu, Kuala Lumpur.



ACCELERATING ADVANCEMENT

Accelerating changes for advancement, continuing to transform what we do and how we do it encompassing our core business.



CONVERGING COMMUNITIES

To provide a quality infrastructure network and excellent services to elevate the quality of all lives.



ELEVATING LIVES

To conserve environment by creating sustainable activities and co-exist in harmony with the environment.

→ ALIGNED TO UNITED NATIONS SUSTAINABILITY DEVELOPMENT GOALS (UN SDGS)



We provide employment within our organisation, where we currently employ 650 staff. We also provide commercial opportunities for our business partners and vendors. We indirectly employ and contribute to job creation for over 30,000 people across the whole supply chain involved in building and maintaining our highways. We invest in our community, particularly in efforts to support the education of students from low-income families. Collectively, we contribute income-generating opportunities and strive to uplift the welfare of our communities to provide them with access to financial security.



The health and safety of all our stakeholders represent the cornerstone of our business. From our employees, highway users, construction workers and through to the communities we interact with, we practise the strictest standards of health and safety to protect their well-being.



We view education as a crucial enabler to a sustainable future. To this end, we support education among our communities, especially students from B40 families, by providing them with donations in cash and in kind to assist with their schooling needs. We also provide workshops and training programmes on personal development, individual empowerment, character building and other soft skills to enhance the marketability of our students and graduates.



We are proud to promote gender equality within our organisation, with women employees representing almost half of our workforce as well as a substantial share of key positions. We also provide opportunities for women representation in male-dominated positions, such as among our highway patrol force.



→ MAKING AN IMPACT ON:



Customers

- Comfort and Convenience
- Safe Commuting
- Smooth Driving



Shareholders

- Long-Term Value
- High Performance
- Potential Profit
- Ethics and Integrity



Environment

- Resource Efficient
- Environment-Friendly Organisation
- Energy-Efficient
- Low Wastage
- Biodiversity Preservation



Society

- Accessibility and Connectivity
- Catalyst for Development
- Improve Social Network
- Co-exist in Harmony



Employees

- Work Life Balance
- Employment Opportunity
- Development
- Safe Workplace
- Capacity and Capability
- Labour Rights



We have started to adopt clean energy beginning with our green fleet management strategy for our 84 patrolling, operations maintenance and office pool cars. We have also adopted the use of electric motorbikes (e-bikes) for patrolling of our highways. Additionally, we have taken steps to reduce our energy consumption through street lighting and office lighting retrofitting, as well as the introduction of our energy saving campaign.



Our employees receive fair and reasonable work regardless of their gender, race or any disabilities. We embrace just business practices with the various highway contractors and vendors that work with us.



Innovation and technology form a key pillar of our business, ensuring business continuity as well as future-proofing our business. From our corporate headquarters to our highway operations, we leverage on innovation and technology to enhance our efficiency, take climate action and elevate our customer experience.



Our highway infrastructure and amenities take into account environmental sustainability through energy efficient solutions such as LED lighting at our offices and our highways. We also practise responsible consumption of resources to avoid wastage and minimise our carbon footprint. At the same time, our highways provide a timely and cost-efficient alternative for communities to converge, enabling sustainable development in urban areas.



We monitor our consumption of resources such as energy, water and paper and implement appropriate mitigation measures to minimise our environmental footprint. We also practise responsible production in the construction of our highways, adopting sustainable solutions where feasible to preserve the environment.



We have embarked on climate action by initiating carbon offsetting, using energy-efficient solutions and embracing sustainable development practices in the construction and operation of our highways. We will continue to monitor our climate impacts and implement appropriate mitigation measures to minimise negative impacts.



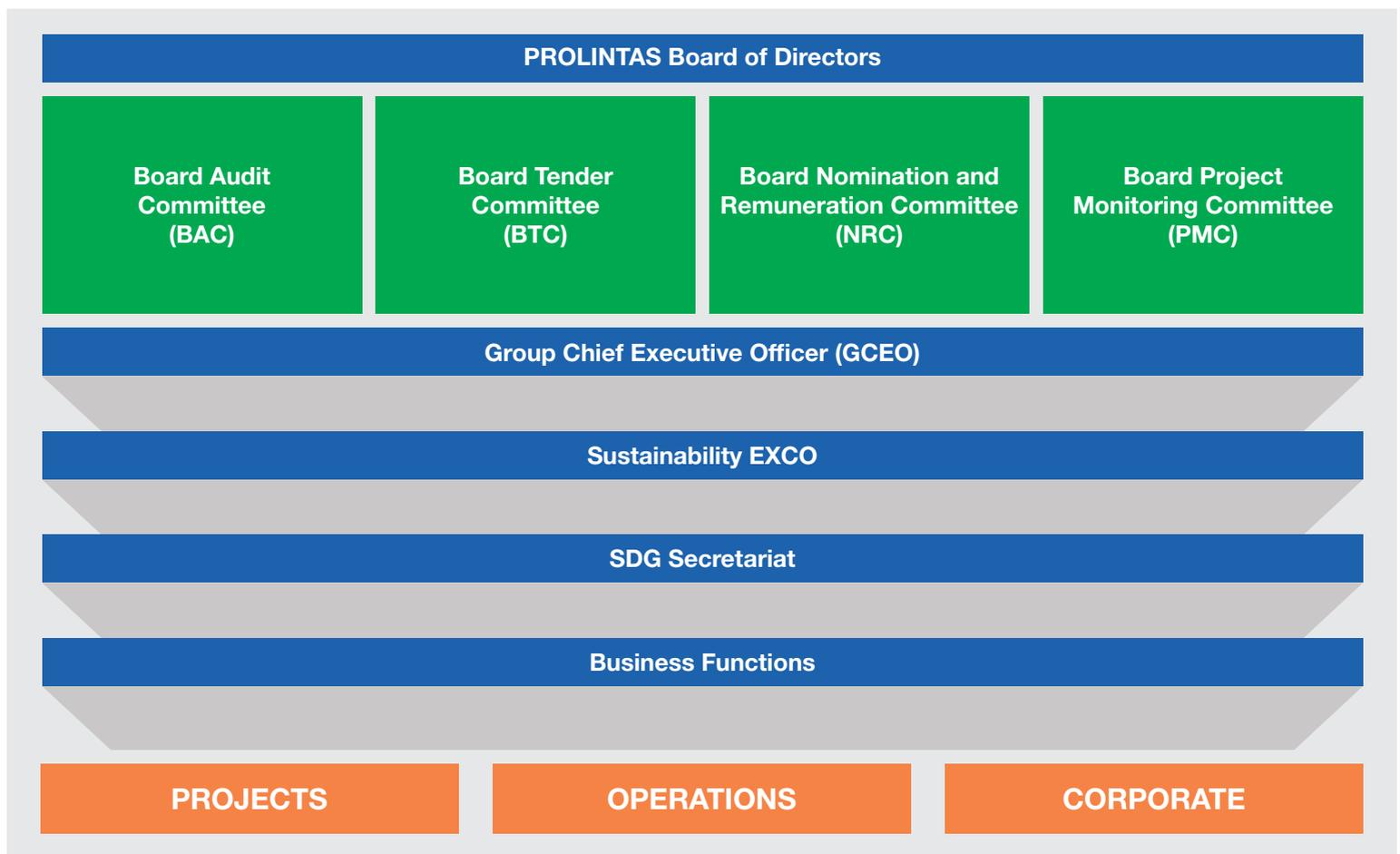
Our highways form a key component of land transport in Malaysia's urban areas. Given our highways' effective length of 282.7 km, including interchanges, we recognise the gravity of practising sustainability throughout our physical footprint and have embarked on a journey of environmental sustainability to ensure the harmony and welfare of life on land.



As an organisation established under the auspices of the Public-Private Partnership Unit under the Prime Minister's Office, as well as one that is owned by one of Malaysia's largest fund managers, we are duty-bound to practise and uphold the strictest standards of corporate governance to ensure the preservation of the integrity of the country's key institutions.

SUSTAINABILITY GOVERNANCE

We are committed to upholding the highest level of ethics and integrity in our organisation. Good governance is key to a solid foundation for building a sustainable business and delivering on our purpose. We strive to promote a culture of accountability and responsibility in everything we do, underscored by embracing a sustainability-centric mindset.



Our governance structure provides the foundation for anchoring sustainability throughout the organisation. Overall, the PROLINTAS Board of Directors has oversight of our business strategy and performance and provides guidance on material ESG factors that impact the business and operations of PROLINTAS.

The Board and the relevant committees meet regularly to deliberate on matters pertaining to the running of business and sustainability:

Board Audit Committee	Board Tender Committee	Board Nomination and Remuneration Committee	Board Project Monitoring Committee
5 Meetings	6 Meetings	7 Meetings	7 Meetings



The Sustainability Executive Committee (EXCO) leads the governance of our sustainability practices and oversees the effectiveness of our sustainability initiatives, supported by our Sustainable Development Goals (SDG) Secretariat. The SDG Secretariat leads the formulation of PROLINTAS's sustainability strategy and implementation plans, and ensures a streamlined approach across Projects, Operations and the Corporate Office towards progressing our sustainability agenda.

Respective leads from Projects, Operations and the Corporate function translate and integrate tenets of sustainability into initiatives and projects. This top-down approach marks our commitment to embracing sustainability as a Group and ensuring that we continue to create sustainable value through urban connectivity and the convergence of communities as Malaysia's leading large-scale infrastructure concessionaire.

These principles are further integrated into our projects, operations and corporate functions as follows:



PROJECT DELIVERY

Identify and evaluate sustainability issues that may impact projects during development, design, construction, and operation. Identify and implement activities to address these issues by PROLINTAS policies, standards and relevant regulations.



PRESERVATION AND PROTECTION

Carry out economically and operationally feasible activities to protect the environment, including reducing energy consumption and carbon emissions, water and resource consumption, and waste generation.

STAKEHOLDERS

Work with key stakeholders to foster understanding and trust; provide programmes that improve the quality of life to address broader common societal issues.

VALUE CREATION

Ensure that all activities and initiatives lead to meaningful outcomes that benefit our stakeholders.



WORKPLACE

Create and sustain workplaces that emphasise integrity, performance, and output quality, as well as collaborative working environments and responsible resource and capital management, including safety and health, in order to generate value for PROLINTAS's stakeholders.

PERFORMANCE AND QUALITY

Strengthening PROLINTAS's sustainability through continuous improvement, learning and development, innovation, and applying relevant standards such as ISO 9001, ISO 14001, ISO 37001, ISO 39001 and ISO 45001 Management Systems.

ENGAGING WITH OUR STAKEHOLDERS

At PROLINTAS, we believe that constructive dialogue and collaboration with our diverse stakeholders are essential to building mutually beneficial relationships, sharing the organisation’s perspective, and attentively considering their feedback to enhance understanding. As part of our commitment to creating value for all stakeholders, we regularly seek their views and consider their interests and concerns, with the aim to generate positive impacts while minimising any negative ones.

We have identified our key stakeholder groups through a systematic approach as part of our materiality assessment process. The following diagram provides further details on the stakeholder groups relevant to PROLINTAS, our methods of engagement, the areas of interest or concern identified, and our response to them.

KEY STAKEHOLDER	METHOD OF ENGAGEMENT	ISSUES OF CONCERN
1. ROAD USERS <ul style="list-style-type: none"> Commuters Customers at the highway facilities 	<ul style="list-style-type: none"> Telephone Emails Social media Customer Satisfaction Survey 	<ul style="list-style-type: none"> Road User Well-Being
2. EXTERNAL PROVIDERS <ul style="list-style-type: none"> Works, goods and services provider Business partner Tenant 	<ul style="list-style-type: none"> Tender Exercise Request for Quotation Meetings 	<ul style="list-style-type: none"> Sustainable Supply Chain Economic Contribution
3. REGULATORS AND AUTHORITIES <ul style="list-style-type: none"> Federal government and all its agencies State government and all its agencies 	<ul style="list-style-type: none"> Meetings Inspection and Audit Periodic report Authorities liaison 	<ul style="list-style-type: none"> GHG and Climate Change Water Management Sustainable Materials Energy Use Waste Management Biodiversity and Ecosystem Protection



ENGAGING WITH OUR STAKEHOLDERS



1. ROAD USERS

Road users travelling on our highways and using the facilities provided by PROLINTAS



2. EXTERNAL PROVIDERS

External parties appointed to carry out works, provide services or supply of materials, e.g., Contractors, Consultants, Suppliers, etc.



3. REGULATORS AND AUTHORITIES

The Malaysian Federal and State Governments, regulators, federal and state agencies

	OUR RESPONSE
	<ul style="list-style-type: none"> Road traffic safety Safety features on our highways Providing rapid response to emergencies Safety benchmarked to global best practices Leveraging innovation for safe roads Safety training, knowledge and capabilities Convenience and amenities for better experience
	<ul style="list-style-type: none"> Fair and transparent procurement processes Vendor Development Programme Providing Work Opportunities Green Procurement
	<ul style="list-style-type: none"> Business opportunities to local contractors, consultants, suppliers and vendors Business opportunities to local communities - CSR investment to local communities
	<ul style="list-style-type: none"> Strengthening reporting vigour Setting GHG emissions inventory GHG emissions assessment Emissions mitigating initiatives
	<ul style="list-style-type: none"> Managing water consumption Managing wastewater Water conservation efforts Rainwater Harvesting System
	<ul style="list-style-type: none"> Pavements innovation Slopes and structures protection Hydrology and drainage for flood mitigation Industrialised Building System (IBS)
	<ul style="list-style-type: none"> Energy-efficient lighting Systems Energy-efficient appliances Renewable energy Meeting Green Building Index (GBI) requirements Using E-Bikes Demonstrating energy and cost savings
	<ul style="list-style-type: none"> Scheduled Waste management Waste management initiatives
	<ul style="list-style-type: none"> Rewilding trees Orchard @ DASH Harmonising our infrastructure with nature Education and awareness

ENGAGING WITH OUR STAKEHOLDERS

KEY STAKEHOLDER	METHOD OF ENGAGEMENT	ISSUES OF CONCERN
4. SHAREHOLDERS, INVESTORS AND FINANCIAL INSTITUTIONS <ul style="list-style-type: none"> Shareholders Investors Fund Managers Bankers 	<ul style="list-style-type: none"> Annual General Meeting Periodic report Liaison activities 	<ul style="list-style-type: none"> Ethics and Integrity Economic Contribution
5. EMPLOYEES <ul style="list-style-type: none"> Management Permanent and Contract Staff Executive and Non-Executive 	<ul style="list-style-type: none"> Meetings and town hall sessions (held physically and virtually) with feedback session Events and activities (e.g. chit chat with GCEO) Official emails Employee Engagement Survey Performance appraisal Recognising women in senior management roles and leaders through various celebration Forum on women empowerment <ul style="list-style-type: none"> International Women's Day PINK OCTOBER 	<ul style="list-style-type: none"> Employee Well-Being, Health and Safety Labour Rights Workforce Development Diversity, Equity and Inclusion
6. COMMUNITIES <ul style="list-style-type: none"> Local community living or working in areas surrounding the highway Non-Government Organisations Media and Influencers 	<ul style="list-style-type: none"> Community engagement sessions Telephone Email Social media Government Officials (Penghulu, Wakil Rakyat, etc.) Corporate website 	<ul style="list-style-type: none"> Impact on communities Economic Contribution





4. SHAREHOLDERS, INVESTORS AND FINANCIAL INSTITUTIONS

Financial statutory body, corporate, institutional and retail investors, analysis and potential investors



5. EMPLOYEES

Full-time and contract employees within PROLINTAS Group of Companies



6. COMMUNITIES

Local communities living or working along PROLINTAS's Highways alignment

OUR RESPONSE

- Efforts to strengthen Integrity, Governance and Anti-Corruption
- Improvement in Corruption Risk Rating
- Acknowledgement by MACC
- Anti-Bribery Management System Certificate
- Awareness Programmes

- Tax paid to the Government
- Dividend contribution to Shareholders

- Aligning our people to understand our Purpose
- Upholding safety and well-being
- Conducive working environment
- Establishing policies

- Enhancing talent development approach
- Training and development
- Embedding integrated learning
- Upskilling and reskilling for safety and technical competencies, and service excellence
- Succession planning
- Understanding sustainability contribution
- Collaborating with industry peers
- Developing fresh talent pipeline
- Making learning accessible
- Programmes for continued employability

- Strengthening diverse workforce
- Female employee empowerment
- Competitive benefits curated for women employees

- Communities' right to a peaceful environment
- Contributing to national job creation and economic multiplier efforts
- Caring for our communities

- Corporate Social Responsibility activities
- Community investment

ASSESSING OUR MATERIAL MATTERS

MATERIALITY ASSESSMENT

At PROLINTAS, we use materiality assessment to understand and prioritise the economic, environmental, social and governance (EESG) issues that matter the most to our stakeholders. The insights from the assessment form our material matters, guiding us in strategising, managing and reporting our sustainability performance. We are committed to conducting our materiality assessment annually or when we need to do so.

In 2022, we undertook a re-assessment and prioritisation exercise to review the material topics identified in FY2021 against the rapidly changing operating landscape and stakeholders' expectations. We consolidated, removed, and introduced material matters that reflect our focus areas better. Following the assessment process, we identified 14 material matters as a basis to prioritise our material concerns.

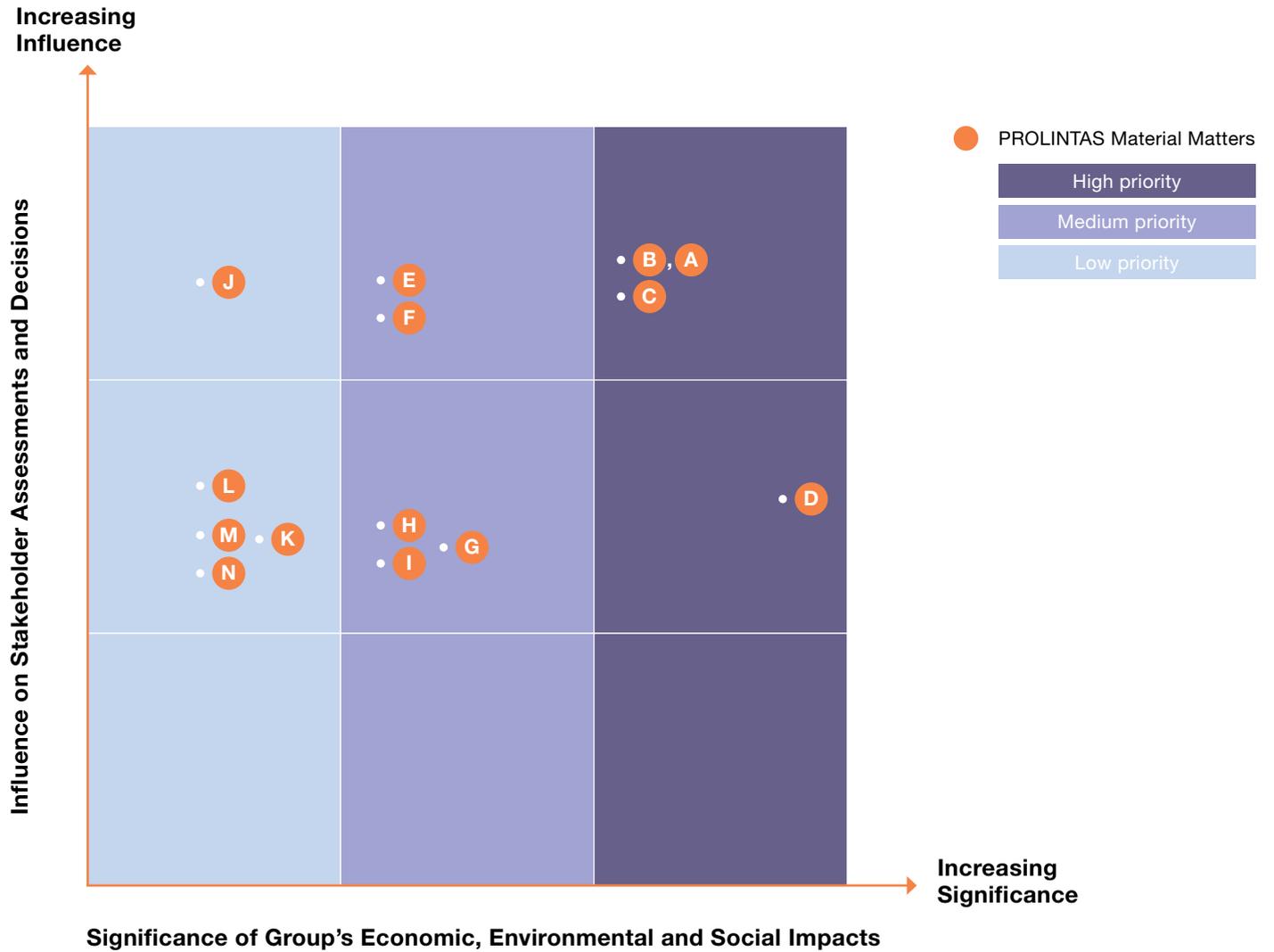
To prioritise material matters, we conducted a survey that reached 3,546 stakeholders through an online survey and received 549 responses. The results of the survey helped create a materiality matrix that weighed sustainability issues from a stakeholder perspective, as well as feedback from the PROLINTAS SDG secretariat and members of management. We also conducted a desktop review using current sustainability trends and peer reports as well as regulations and guidelines.



ASSESSING OUR MATERIAL MATTERS

MATERIALITY MATRIX

The materiality assessment helps us to prioritise our attention, investment, risk management and stakeholder engagement. The rankings of the material topics evaluated in 2022 are as pictured below.



Prioritisation of Material Matters

- | | | |
|---|--------------------------------|--|
| A Road User Well-Being | F Economic Contribution | K Diversity, Equity and Inclusion |
| B Employee Well-Being, Safety and Health | G Water Management | L Sustainable Supply Chain |
| C Workforce Development | H Energy Use | M Biodiversity and Ecosystem Protection |
| D Ethics and Integrity | I Sustainable Materials | N Waste Management |
| E GHG and Climate Change | J Impact on Communities | |

ASSESSING OUR MATERIAL MATTERS

MATERIAL MATTERS IN 2022

Material Matters Identified in 2022	Material Matters 2021	Description
1. Employee Well-being, Safety and Health	1. Health and Safety 2. Labour rights and practices	The treatment of employees throughout PROLINTAS's operations and those who work on its behalf. PROLINTAS is responsible for ensuring that employees are cared for and satisfied by providing a safe and healthy work environment. This includes preventing physical and mental harm, promoting employee health, and providing fair and reasonable compensation and benefits that lead to overall well-being.
2. Ethics and Integrity	3. Ethics and Integrity	Managing ethical issues related to integrity such as corruption, e.g. bribery and cronyism and compliance with laws related to PROLINTAS's operations and supply chain. Unethical business practices have a negative impact on the economy, the environment and society by promoting injustice, increasing wealth inequality and leading to environmental degradation and human rights abuses. PROLINTAS has a duty to ensure that its operations comply with the law and behave ethically, and to encourage its vendors to do the same.
3. Workforce Development	4. Training and education	Providing opportunities for employee career advancement and skill development through ongoing training and education. Strengthening employees' skills and experience indirectly helps improve their career prospects and their ongoing employability, whether or not they remain employed by PROLINTAS.
4. Road Users Well-Being	5. Structural integrity and safety 6. Innovation and technology 7. Empowering digitalisation	Highways and highway facilities contribute to the mobility of road users and provide accessibility to destinations or services. The condition of these structures affects the safety, physical and mental health and overall comfort of road users. Issues such as poorly maintained roads, traffic congestion, unsafe and inadequate rest areas, limited opportunities for the disabled, slow response to complaints and invasion of road user privacy are just a few examples of factors that affect the overall experience of road users.
5. Water Management	8. Resource and waste management	The use of water as a common resource and its impact on existing water supplies, as well as the management of other water-related impacts such as those caused by silt, surface runoff (e.g., stormwater), and effluent released into water bodies.
6. Waste Management		Waste is generated throughout the lifecycle of highways' operations and maintenance activities. There is a need to reduce generation of waste and dispose of it responsibly to minimise waste at landfills.



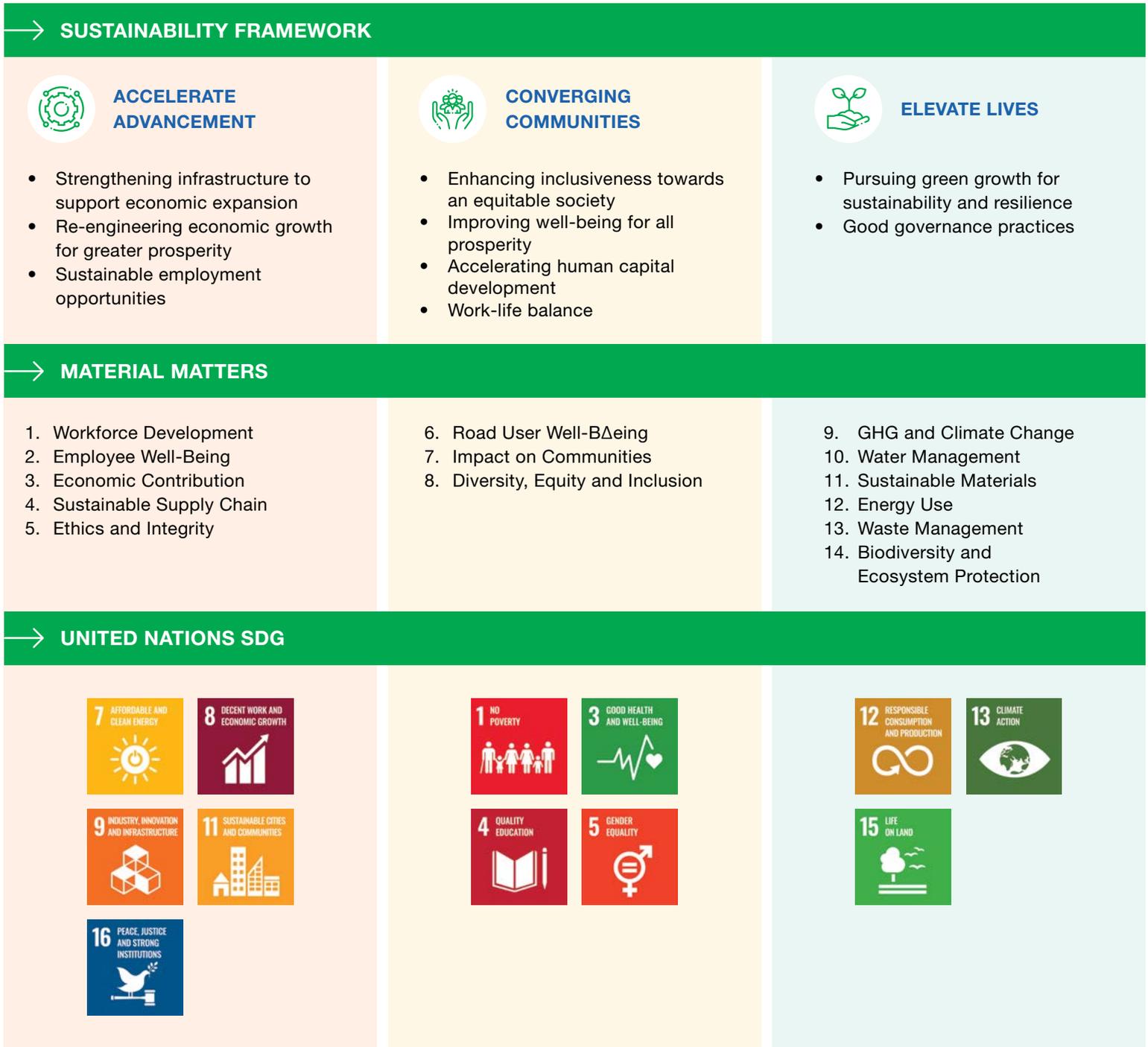
ASSESSING OUR MATERIAL MATTERS

Material Matters Identified in 2022	Material Matters 2021	Description	
7. GHG and Climate Change	9. Climate change	Greenhouse gas (GHG) are primarily produced by the burning of fossil fuels to generate energy for consumption and changes in land use. Their presence in the atmosphere contributes to the warming of the planet, resulting in climate change. Climate change can negatively impact social stability and business continuity. PROLINTAS strives to minimise and address GHG emissions from its own operations and strives to move towards building and operating low emission highways.	
8. Energy Use		PROLINTAS's highway operations involves the use of non-renewable sources, such as the use of fossil fuel energy, which can contribute to resource depletion and greenhouse gas emissions.	
9. Biodiversity and Ecosystem Protection		PROLINTAS aims to minimise significant biodiversity loss that may occur as a result of an PROLINTAS's operations. Biodiversity loss can occur directly through land use change and indirectly through the removal of natural materials.	
10. Sustainable Materials		Promote the use of renewable materials by minimising the use of materials made from non-renewable, scarce resources or that can cause harm throughout the life cycle of highways. The way these materials are selected and sourced can have lasting impacts on the environment and society.	
11. Sustainable Supply Chain		10. Sustainable Supply Chain Management	Promote procurement of goods and services from local service providers. This includes avoiding or minimising environmental and social impacts in the supply chain.
12. Diversity, Equity and Inclusion (DEI)		11. Diversity and inclusion	Promote diversity, equity and inclusion in all aspects of business operations, including product development, employee hiring and benefits, and procurement practices.
13. Impact on Communities		12. Community investment	Consider the impact of highways on surrounding communities and commit to improving their quality of life through support, such as business opportunities, financial assistance, etc. This includes respecting their right to an undisturbed environment and protection from harm, such as from noise, light, and traffic-related air pollution.
14. Economic Contribution			PROLINTAS's direct and indirect contribution to improving the economic well-being of stakeholders and reducing the wealth gap in society. The contribution can be direct, such as through the payment of taxes and wages, or indirect, such as through the number of jobs supported in the supply chain and attracting investment in the local economy.

ASSESSING OUR MATERIAL MATTERS

ALIGNING MATERIAL MATTERS TO UNITED NATION SUSTAINABLE DEVELOPMENT GOALS

The 14 identified material matters are grouped in alignment with our sustainability framework’s three overarching pillars of Accelerating Advancement, Converging Communities and Elevating Lives. We mapped the material topics to the United Nations’ Sustainable Development Goals (SDG) as part of our efforts to contribute to global sustainability agenda.



OUR VALUE CREATION MODEL

HOW WE CREATE VALUE

→ Purpose-driven Value Creation Model

PROLINTAS aims to realise its purpose of protecting the well-being of the millions of users who travel on our highways while preserving the environment, promoting social and economic progress, and delivering excellent service quality. We are committed to creating long-term value for our stakeholders while fulfilling our national, social and environmental obligations. Our value creation model is structured around highway construction, maintenance, management and deriving asset values based on inputs that take into account social and environmental obligations. The resulting outputs generated by these activities are aimed at providing value to stakeholders over the long term.

The six capital inputs form a foundation for PROLINTAS to contribute to building sustainability through its Sustainability Framework, which comprises three guiding pillars - Accelerating Advancement, Converging Communities, and Elevating Lives. The outputs derived from these initiatives are positioned as financial and non-financial indicators which deliver a range of values to stakeholders. To achieve this, PROLINTAS has developed a clear strategy on creating value through enhancing customer experience, embracing innovation, and fostering partnerships and collaborations, to ensure that we provide value that is derived sustainably and responsibly.

Innovate Across the User Journey: We are committed to providing road users with a hassle-free and pleasant experience on our highways. To achieve this, we invest in technology and infrastructure to improve safety, reduce congestion, and enhance communication and information for commuters.

Embrace Innovation: Our innovation strategy leverages the use of new technologies, smart sensors and big data analytics that prioritises the safety of users and employees, reduce congestion, protect the environment, and create value for communities through job opportunities and economic growth.

Foster partnerships and collaborations: We work closely with stakeholders such as government agencies, local communities, and businesses to ensure that our operations align with national, societal and environmental needs and priorities.

As a purpose-driven highway operator, our focus on safety, sustainability, and social responsibility enables us to meet the evolving needs of our stakeholders, and we strive to achieve our core purpose of connecting communities for a better future. By creating long-term value for our stakeholders, we aim to be a leading highway operator in Malaysia.



→ Public engagement session during Minggu Saham Amanah Malaysia (MSAM) 2022.

OUR VALUE CREATION MODEL

As highway operators, we create value by ensuring a safe commute on our highways, connecting road users to their destinations, providing quality driving experience, reducing travel time, offering amenities such as rest areas and fuel stations, and contributing to the economic development of our communities. Our primary source of revenue is collected through tolls and fees. We allocate these funds towards infrastructure construction and maintenance, operating costs, and invest in technologies to enhance our operations.

By engaging in these activities, we are able to generate revenue and maintain cash flow, which are reinvested in the resources and relationships across the six capitals that are essential to support our business operations. A review of our use and impact on the six capitals is described here.

Our commitment to safety, sustainability, and social responsibility ensures that we meet the evolving needs of our stakeholders, as we strive to be a leading highway operator in Malaysia and achieve our core purpose of connecting communities for a better future.

VISION
To be Malaysia's leading highway concessionaire.

MISSION
Build and operate highways that will be the routes of choice to users.

OUR SIX CAPITALS

- F Financial Capital**
 - Shareholders' Equity - RM3.01 billion
 - Total Liabilities - RM14.32 billion
 - Toll Assets - RM17.33 billion
- M Manufactured Capital**
 - 6 Highways with Effective Length of 259.85 km
 - 16 Toll Plazas and Supervision Building
 - Outdoor Advertising Structures – Total 97 units of Billboard Structures
 - Rest and Service Areas - 31 units of Commercial Lot, Stall, Kiosk and Push Cart
 - Telco Tower Structures - 28 units
- N Natural Capital**
 - 11,951 MWh electrical consumption
 - 148,579 Litres of fuel purchased
 - 81,898 m³ water consumption
- H Human Capital**
 - 765 Strong Workforce
 - Training and Development Investment : RM2.0 million
- I Intellectual Capital**
 - Accreditations with 5 ISO Certification (9001:2015, 14001:2015, 37001:2016, 39001:2012, 45001:2018)
 - Smart Surveillance System (S3)
 - PROLINTAS Integrated Maintenance Escalation System (PRIME)
 - PROLINTAS Digital Assist
 - IT Blueprint Investments - Overall Investment RM11.0 million (2022 - RM0.6 million)
- SR Social and Relationship Capital**
 - Community Investment
 - SUKE and DASH Public Engagement
 - Integrity Awareness and Initiatives
 - One-month toll free period for SUKE and DASH
 - Toll discount during festive seasons
 - Toll rate reduction for Class 1 vehicles

OUR KEY RESOURCES



Delivering Operational Excellence

Innovation and Technology

OUR STRATEGIC INTENT

- To be Malaysia’s leading highway concessionaire
- To enhance stakeholder value creation

OUR STAKEHOLDERS

1. Road Users

4. Investors and Financial Institutions

2. Communities

5. External Providers

3. Regulators and Authorities

6. Employees

VALUE PROPOSITION

- Comfortable and Convenient Expressway
- Accessibility and Connectivity
- Catalyst to Surrounding Development
 - Safe and Fast
 - Long Term Value
 - Robust Management
 - Integrity and Ethics

Robust Project Delivery

Business Growth Opportunities

Environmental, Social and Governance (ESG)

OUR GROWTH STRATEGIES

BUSINESS DRIVERS

- Asset Development and Construction (Project)
- Highway Operations and Maintenance
- Commercial Business Activities

OUTPUT

F Financial Capital

- Total Revenue - RM421.42 million
- EBITDA - RM279.11 million
- Dividend to the Shareholders - RM60 million

M Manufactured Capital

- Total Traffic Volume - 170 million
- RSA Occupancy rate - 29 out of 31 units
- Billboard Occupancy rate - 30%
- Telco Towers Occupancy rate - 100%

N Natural Capital

- Scope 1 GHG emissions - 727.33 tCO₂e
- Scope 2 GHG emissions - 9,321.80 tCO₂e
- Scope 3 GHG emissions - 74,691.73 tCO₂e
- Waste Diverted from Landfill - 60,780 kg

H Human Capital

- Total 2,125,760 manhours worked
- Total average training hours - 47.4 per person
- Occupational incident rate - 1.4 case per million manhours worked

I Intellectual Capital

- Low Traffic Accident Rate - 4.1 case per million vehicles
- Traffic accident response time - 90% within 10 minutes
- Vehicle Breakdown Response Time - 97% within 10 minutes

SR Social and Relationship Capital

- CSR Beneficiaries to 1,950 people
- SUKE and DASH Free Toll - Enjoyed by up to 6.4 million vehicles
- Corruption Risk Rating by the MACC moving down to medium from high

MANAGING OUR RISKS AND OPPORTUNITIES

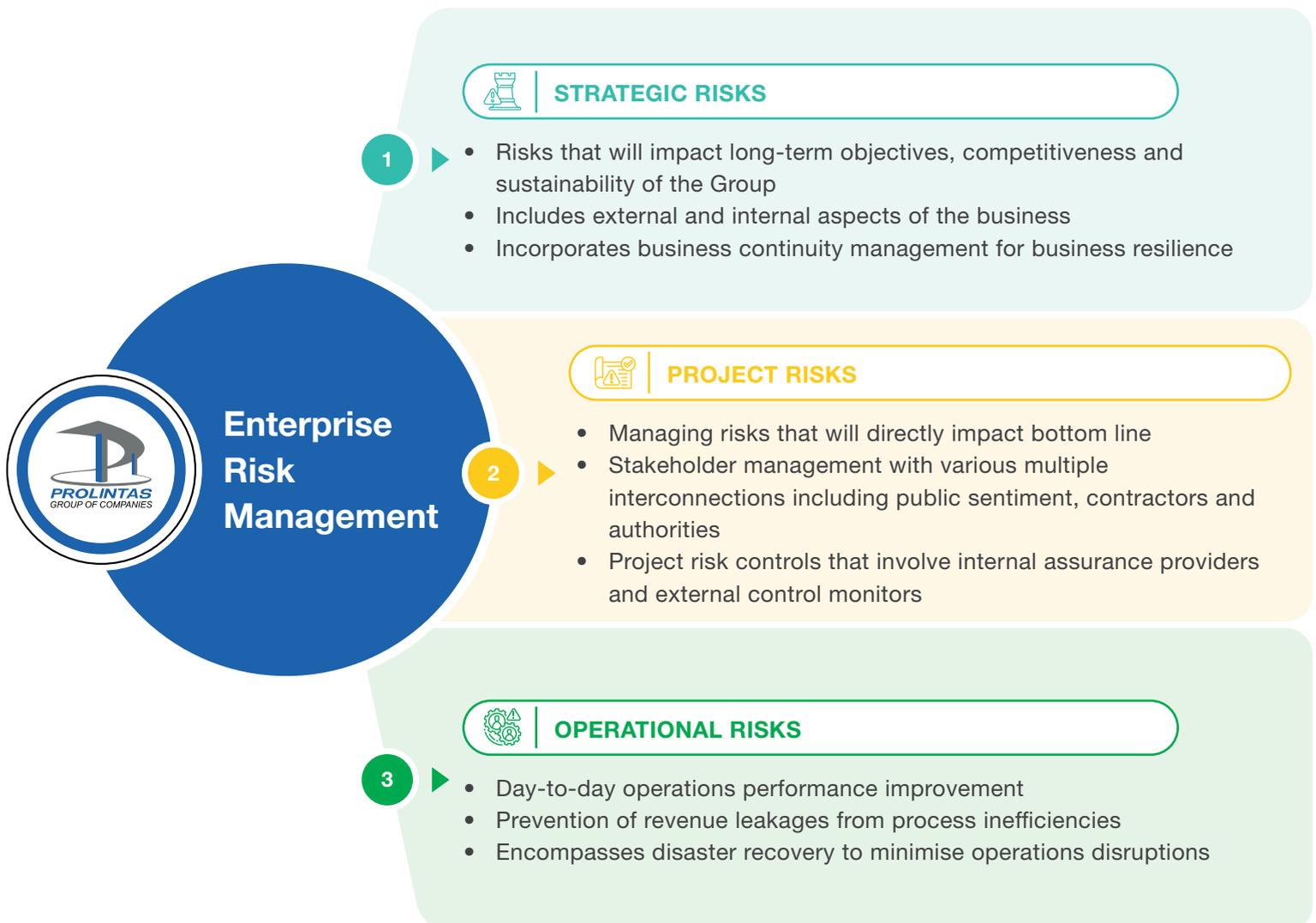
PROLINTAS faces risks that could potentially harm the sustainability of our operations, impact the quality of performance, and hinder the ability to achieve strategic objectives. Understanding and managing these risks appropriately is crucial to ensure that decisions are well-informed, objectives are met, and value is delivered to stakeholders. The importance of risk culture is increasingly central to our organisational and decision-making processes. We remain always watchful for the emergence of new risks that could affect the business and its surrounding ecosystem, in order to mitigate their impact.

ENTERPRISE RISK MANAGEMENT FRAMEWORK

Effective management of risks through Enterprise Risk Management (ERM) is an integral part of PROLINTAS’s operations, and therefore, there is a need for a strict governance framework for risk management. The ERM Framework lays out the foundation for the proper implementation of risk management within PROLINTAS.

To ensure that risks are effectively identified and managed, PROLINTAS has integrated risk management into all key processes and activities. The ERM Framework, which was developed in accordance with the globally accepted ISO 31000:2018 standard and the COSO Risk Management Framework, provides guidance for these efforts. The Risk Management Department (RMD) works to comply with these standards and principles, thereby enhancing the impact and effectiveness of ERM within PROLINTAS.

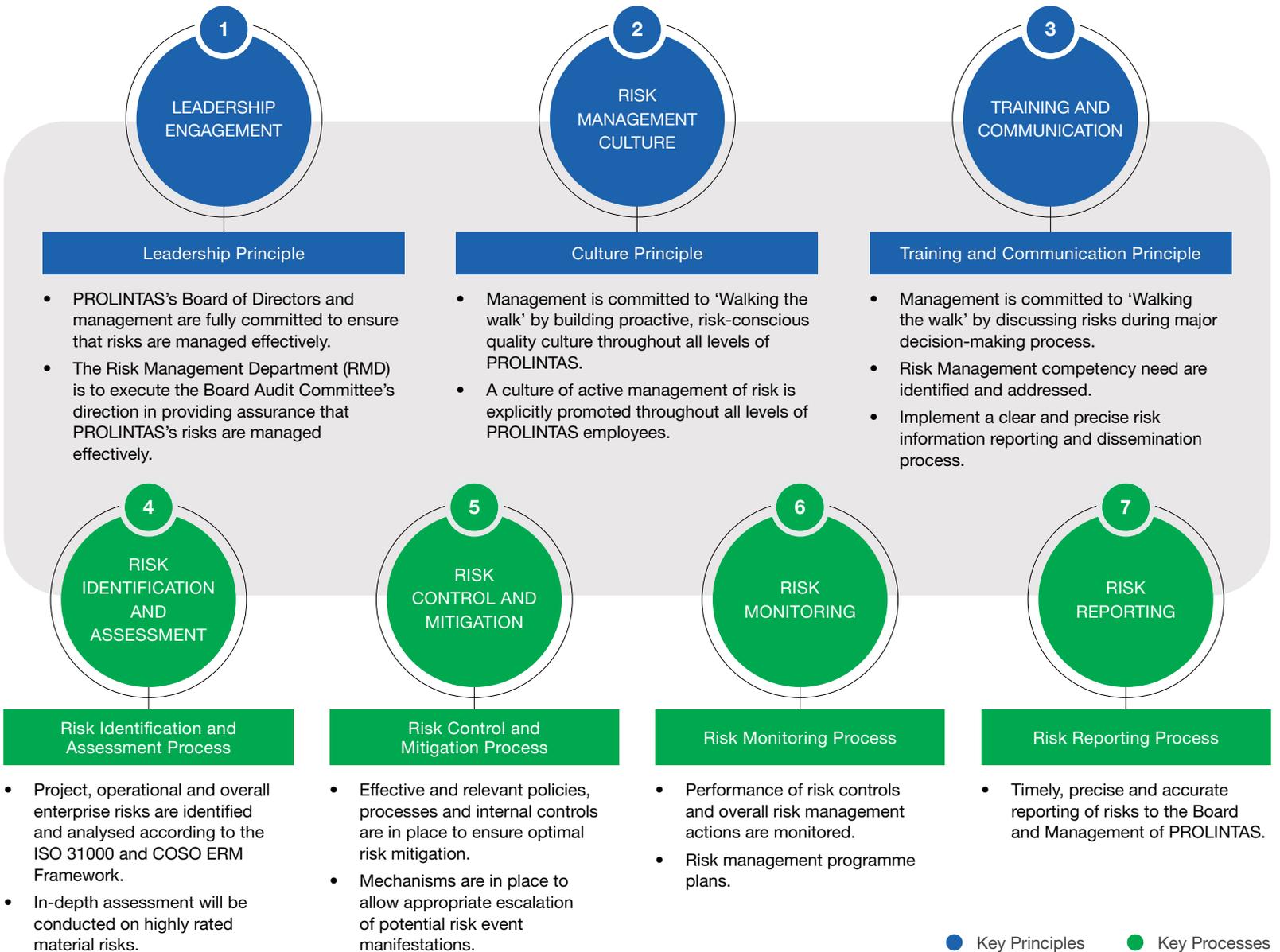
Our approach to ERM entails categorising key areas of risk according to Strategic Risks, Project Risks and Operational Risks.



BUILDING RISK CULTURE

PROLINTAS implements several ERM principles through its ERM Framework. It promotes closer integration of employees into the risk identification, measurement, control, ongoing monitoring, responsibilities, and accountabilities processes. Furthermore, the framework catalyses the growth of a risk-based culture within PROLINTAS employees.

Three key principles drive the planning and execution of the PROLINTAS ERM, which are aimed at enhancing and protecting the company's value. These principles are risk leadership, risk culture, and training and communication. These principles are implemented together to embed and reinforce a risk culture within the organisation. By having a strong risk culture, PROLINTAS can effectively manage risks, make informed decisions, and ultimately deliver value to stakeholders.



ENTERPRISE RISK MANAGEMENT GOVERNANCE

PROLINTAS has a clear and well-defined enterprise risk management governance structure to conduct effective risk management



MANAGING OUR RISKS AND OPPORTUNITIES

RISKS AND OPPORTUNITIES

PROLINTAS conducts an annual risk assessment to evaluate its key risk areas, followed by the development of risk categories that describe the type of risks that can potentially impact operations.



→ Empower risk culture within PROLINTAS employees.



→ Conduct Annual Risk Assessment to evaluate key risk areas.

RISK CATEGORY	DESCRIPTION
 <p>Operational Resilience</p>	Operational risks are threats that arise from the day-to-day operations of the business. These risks can impact our ability to provide safe and efficient highway services, and can affect the overall profitability of the business.
 <p>Climate Change</p>	Over the past five years, severity and frequency of severe weather events such as extremely heavy rainfall in Malaysia have led to severe floods. These events can damage road infrastructure, affect slope structural integrity, disrupt traffic flow and cause safety hazards for users.
 <p>Finance</p>	Highway development and operationalisation pose a range of financial risks for PROLINTAS including interest rate risk and extreme operational cost risk. These financial risks can impact PROLINTAS's revenue, profit and cash flow.
 <p>Technology</p>	PROLINTAS leverages technology across all facets of its business from toll collection to highway maintenance which is critical in the sustainability of PROLINTAS. Technological risks include cybersecurity breaches and technological device failure.
 <p>Regulatory Compliance</p>	PROLINTAS takes a proactive and ongoing approach in managing risks to regulatory compliance. The following are key mitigation action plans that PROLINTAS undertakes in mitigating regulatory compliance risks.



MITIGATION ACTIONS	OPPORTUNITIES
<ul style="list-style-type: none"> Developing and implementing a Business Continuity Plan to ensure impact of any disruption is minimised Administer periodic maintenance and testing schedule for operational equipment to reduce failure probability Enforce cybersecurity protocols to protect electronic toll collection system from external intrusion threats 	<ul style="list-style-type: none"> Reducing downtime and disruptions will improve operational efficiency leading to increased customer satisfaction Continually improving risk strategies for operational resilience with increased innovation may result in development of new technologies and processes that may enhance overall highway user experience
<ul style="list-style-type: none"> Periodic maintenance of drainage systems and upgrades where necessary Installation and upgrade of slope protection and retaining walls at areas assessed as high-risk slopes Implementation of disaster recovery and emergency response plans pertaining to floods and slope failure Implementing a 5-year execution plan for reducing GHG emissions that includes expanding energy usage efficiency across all highways and shifting towards a higher blend of renewable energy usage 	<ul style="list-style-type: none"> Increased structural resilience from upgrades to control impact of floods and slope failures New business opportunities such as providing climate change management solutions to other infrastructure providers Enhance reputation as a responsible and sustainable operator and improve stakeholder relationships, support long-term growth and be more commercially attractive to financiers and investors
<ul style="list-style-type: none"> In managing interest rate risk in serving the company's debt obligations, key hedging strategies have been implemented including diversifying sources of funding and constantly monitoring market conditions for optimum refinancing activities In managing operational cost risks, PROLINTAS implemented energy-efficient and sustainable practices to reduce operational costs and enhance its environmental performance. PROLINTAS also implemented innovative approaches in pavement resurfacing using reusable and recyclable materials which has had a positive impact in managing both operational cost risks and driving an environmental protection agenda 	<ul style="list-style-type: none"> Improve shareholder value proposition, as managing financial risks will result in better financial performance and operational efficiency, which in turn, can lead to higher shareholder returns Create new business partnerships and opportunities, as strong financial management will make PROLINTAS more attractive to investors and financiers, with potential for partnerships in other regions or businesses, which in turn, can create new and/or enhanced revenue streams for PROLINTAS
<ul style="list-style-type: none"> Implemented robust cybersecurity measures such as firewalls, antivirus software, intrusion detection systems, and encryption which protect our network against cyber threats Conduct regular cybersecurity assessments and vulnerability testing which identifies potential gaps and thereon remediate these identified areas of concern Mitigate measures for technological failure risk by implementing a periodic electronic hardware maintenance and testing programme to ensure all electronic hardware is in optimum operating condition to minimise the occurrence of failure Implemented a business continuity plan for all highways as a curative measure in the event of technological failure to ensure business continues in such situations 	<ul style="list-style-type: none"> Managing technological risks can lead to improved operational efficiency, enhanced safety, improved customer experiences, competitive advantage, new business opportunities, and innovation, which can provide new opportunities to support the long-term sustainability and success of PROLINTAS
<ul style="list-style-type: none"> Conducts ongoing regulatory and legislative monitoring, tracking changes in regulations and liaising with regulators to comprehend the possible consequences of new regulations, such as Section 17A introduced in 2021 Implemented a robust compliance programme to meet regulatory requirements and ensure operational compliance with relevant laws and regulations Established strong relationships with regulators, especially the MHA, to foster mutual comprehension of the regulatory environment; this involves regular meetings with regulators and providing feedback on proposed regulations and policy changes 	<ul style="list-style-type: none"> Improve financial performance and avoid fines, penalties, and legal liabilities that can indirectly impact on costs and financial performance Enhance reputation through management of regulatory compliance will demonstrate our commitment to compliance and responsible business practices, which can help to build trust and confidence among stakeholders, including customers, investors, regulators, our users and the general public

WORKFORCE DEVELOPMENT



→ Our employees gain fresh ideas by taking study trips to our partner's operations in other industries.

→ GRI STANDARDS

GRI 404:
Training and Education



- Target 4.3
- Target 4.4
- Target 12.8

→ WHY IT MATTERS

To safeguard highway users, protect the environment, and provide excellent service to stakeholders, a capable, competent, and committed workforce is crucial to PROLINTAS. Workforce development programmes are necessary to meet current and future needs, ensuring improved travel experiences for highway users and our progress towards sustainability goals. These programmes also benefit employees by providing them opportunities to upskill and develop competencies to thrive in their roles, adding value to the Malaysian workforce and contributing to the nation's economy.

KEY HIGHLIGHTS

PROLINTAS Employee Engagement Score 2022 - **79%**

RM2 Million invested in Capacity Building of our Employees

Total Number of Employees in 2022 - **765**
Executive - **242**
Non-executive - **523**

96% responded to the survey developed by Kincentric (A Spencer Stuart Company)



WORKFORCE DEVELOPMENT

OUR APPROACH

Our workforce development strategy is underpinned by the five pillars of our Strategic Intent - Operational Excellence, Project Delivery, Business Growth, Environmental, Social and Governance (ESG), and Innovation and Technology – which guide the development of PROLINTAS’s skilled workforce. We adopt a holistic and interlinked approach to talent development, connecting the skills required to build sustainability in our operations with upskilling opportunities to further their careers.

Our goals are to enhance leadership skills, increase accountability for achieving mission results, and improve employee engagement, development, and performance through talent acquisition, workplace improvement, and workforce flexibility. We adopt a four-pronged strategy to energise capability and growth within our workforce.

Digital Transformation of Learning

- Innovative use of digital technologies to transform traditional ways of doing things, becoming more effective and digital improvement of data accuracy.

Build Workforce Competence

- Ensuring employees are equipped with knowledge and skills ensure competence at work.
- Enhance leadership and management capabilities.

Cultivate High Performance Mindset

- Embed PROLINTAS Core Values.
- Create awareness and demonstrate change towards a High-Performance Culture.

Sustainable Development Goals Focus

- Embed sustainability tenets in workforce development to build a sustainable organisation and contribute to national and global sustainability goals.



➔ Drone operation training for Civil and Structure Maintenance Team.

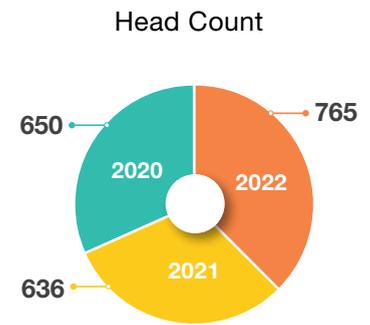
WORKFORCE DEVELOPMENT

OUR PROGRESS

Training and Development in 2022

→ TOTAL EMPLOYEES

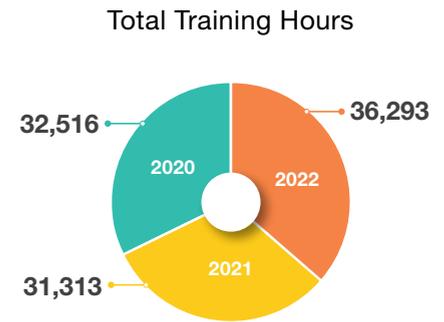
Percentage of Employees by Gender Category	2020	2021	2022
Corporate (% Male:Female)	201 (49:51)	205 (49:51)	176 (42:58)
Operations (% Male:Female)	387 (59:41)	371 (60:40)	565 (66:34)
Project (% Male:Female)	62 (71:29)	60 (73:27)	24 (79:21)



→ TOTAL TRAINING HOURS

Average Training Hours (By Gender)	2020	2021	2022
Male	50.02	49.23	47.44
Female	49.96	49.62	47.61

Average Training Hours (By Employee Category)	2020	2021	2022
Senior Management	50.03	49.21	47.43
Middle Management	50.02	49.20	47.45
Operations and Support	50.02	49.00	47.44



→ TRAINING INVESTMENT



OUR PROGRESS

1. Enhancing Talent Development Approach

We enlist a multi-faceted strategy in our talent management initiatives, prioritising eight identified reskilling and upskilling approaches.



2. Embedding Integrated Learning

We adopt an integrated learning approach that considers the interrelated nature of different job functions and skills, allowing employees to understand how their role fits into the larger context of PROLINTAS's operations. By integrating learning across different departments and functions, employees can develop a comprehensive understanding of the company's goals, processes, and challenges, enabling them to work more effectively and efficiently. Additionally, integrated learning fosters collaboration and teamwork, improving communication and increasing productivity.

Our integrated learning approach includes job position-oriented training, optional programmes and training for selected employees, from new to management-level employees. Core categories on holistic training and development are as follows:

1	Knowing Us	Induction and onboarding for new joiners
2	Professional Excellence Series	Build leadership competencies
3	Frontliners Development Programme	Comprehensive and customised modular development on technical and domain knowledge
4	Behavioural Competency	Building better communication, conflict resolution and critical thinking skills
5	Functional Competency	Developing and strengthening competencies required to carry out work role effectively
6	Career Development	Bridging knowledge gaps and upskilling to be better positioned to advance career
7	Customer Service Excellence	Upscale customer satisfaction and retention
8	Internal Mobility For Career Agility	Developmental programmes for job rotation and advancement to build skills and careers <ul style="list-style-type: none"> • 115 internal movements in 2022 due to SUKE and DASH opening • 86 Non-Executives • 29 Executives

WORKFORCE DEVELOPMENT

THEME	GROUP	COMPETENCIES	INVESTMENT
Operational Excellence	FRONTLINERS <ul style="list-style-type: none"> Control Room Operator Patrolman Traffic Assistant Supervisors Frontline Assistant 	<ul style="list-style-type: none"> Exceptional Service Culture Service Orientation Service Attitude Service Procedures Customer Focus Communication Skills Teamwork and Collaboration Conflict Management Telephone Etiquette and Protocol 	RM250,160
	TECHNICAL <ul style="list-style-type: none"> Engineers Technicians Chargeman 	<ul style="list-style-type: none"> Attention to Detail Interpersonal Skills Problem-Solving Abilities Communication Skills Critical Thinking Innovation and Creativity Planning and Organising Time Management Teamwork and Collaboration Technical Reporting Construction Management Project Management Safety Regulations Operation and Maintenance Facility Management Drone Piloting Green Technology 	RM361,319
Advocate the adoption of prudent environmental, health and safety principles and practices	<ul style="list-style-type: none"> All Staff Safety and Health Committee Emergency Response Team Patrolman 	Technical Competencies <ul style="list-style-type: none"> Environmental, Health and Safety Law Risk management Incident management Culture Sustainability Core Competencies <ul style="list-style-type: none"> Strategy Planning Leadership and Management Behavioural Competencies Stakeholder Management Personal Performance Communication Working with Others 	RM328,518



3. Training and Development

PROLINTAS invests in employees' continuous learning and development which is crucial in our rapidly changing industry. By providing employees with the necessary skills and knowledge, we can ensure they are equipped for their current roles and have a strong foundation for future roles. This not only benefits the individual employees but also strengthens the company's overall success.

TOTAL PARTICIPANTS	WHO WE PARTNER WITH
412	<p>MAB Academy (MAB) (National Career Affiliate – MAS Airline): has a long history of training excellence which has produced multiple award-winning cabin crew, including Skytrax World's Best Cabin Staff Award for 7 years - the highest number awarded to an airline. MAB has tailored world-class programmes to support businesses in achieving excellence in the fields of hospitality, customer service and professional development. Proven track records in various organisation, government and private entities such as Air Selangor, EPF, PROTON, KTMB and TNB.</p> <p>Strategic HRM Solutions: a Human Resource Consultancy Services, Learning and Development and Performance Coaching.</p>
778	<p>IEM Training Academy: a wholly owned subsidiary of the Institution of Engineers Malaysia (IEM).</p> <p>IKRAM Skills Academy: renown organisation which provides total integrated engineering solutions for engineering forensic and consultancy services specialising in the areas of geotechnical and geo environmental engineering, pavement, highway and transportation engineering, structure and material engineering, construction engineering services, and certification of product and personnel.</p> <p>Road Engineering Association of Malaysia (REAM): a national organisation representing the country's road engineering fraternity.</p> <p>International Road Federation (IRF): non-profit, non-political service organisation whose purpose is to encourage better road and transportation systems worldwide and to help apply technology and management practices to give maximum economic and social returns from national road investments.</p> <p>Universiti Tunku Abdul Rahman (UTAR): non-profit private research university.</p>
1,131	<p>Alliance For Safe Community (Ikatan Komuniti Selamat): a Non-Government Organisation chaired by the renowned Tan Sri Lee Lam Thye who is an ardent social activist and is well known for his passion in the promotion of safety in several organisations. He has served as Chairman of the National Institute of Occupational Safety and Health Malaysia (NIOSH) for over 20 years.</p> <p>National Institute of Occupational Safety and Health (NIOSH): government institution under the purview of the Ministry of Human Resources, Malaysia and is tasked to promote a safe and healthy workplace and work force in the country.</p> <p>Environment Institute of Malaysia (EIMAS): training institute under the Department of Environment (DOE) Malaysia.</p>

WORKFORCE DEVELOPMENT

THEME	GROUP	COMPETENCIES	INVESTMENT
Shaping Future Leaders	<ul style="list-style-type: none"> • Senior Management • Middle Management • First-Line Management 	<ul style="list-style-type: none"> • Decision Making • Strategic Thinking • Business Acumen • Planning and Execution • Problem Solving • Stakeholder Management • Managing Change • Teamwork and Collaboration • Business Ethics and Governance • Sustainability 	RM354,475



WORKFORCE DEVELOPMENT

TOTAL PARTICIPANTS	WHO WE PARTNER WITH
340	<p>Centre for Executive Education (CEE): an award-winning executive development firm anchored by Prof Sattar Bawany, a seasoned Board Member, General Management, Business Development and Organisational/Leadership Development Professional, with over 30 years proven expertise and experience in the public sector and across diverse industries in private global corporations, and a rewarding startup and entrepreneur background. He has a proven track record in directing all core operational functions and achieving revenue, profit, and operation growth goals.</p> <p>Asia School of Business (ASB) / ICLIF: partnership between MIT Sloan School of Management and Bank Negara Malaysia.</p> <p>Malaysian Institute of Management (MIM): a national management organisation established to serve as a Centre of Management and committed to developing managerial competence in Malaysia.</p> <p>Institute of Corporate Directors Malaysia (ICDM): a one-stop centre for all board and director needs, dedicated to enhancing professionalism and effectiveness of directors in Malaysia. Spearheaded by the Securities Commission Malaysia and supported by Bank Negara Malaysia, Bursa Malaysia and the Capital Market Development Fund, ICDM serves as the national institute of directors to promote corporate governance excellence in Malaysia and the region.</p> <p>Malaysian Institute of Accountants (MIA): MIA is a statutory body established under the Accountants Act 1967, with a mandate to regulate and develop the accountancy profession in Malaysia to support nation building.</p> <p>CPA Australia: one of the world's largest accounting bodies with a global membership of more than 150,000 members working in 120 countries around the world, with more than 25,000 members working in senior leadership positions.</p>

WORKFORCE DEVELOPMENT

4. Sustainability Capability-Building and Awareness

We strive to embed an appreciation of how our employees can contribute to sustainability in their work, recognising that they play a critical role in driving positive change. By fostering a culture of sustainability, we encourage our employees to integrate sustainability considerations into their work, promoting innovation and driving continuous improvement.

In 2021, we rolled out the 'Introduction to ESG' session for our key personnel from the various business divisions across the Group. This programme, which was conducted by the UN Global Compact Network Malaysia and Brunei, aims to introduce principles of sustainability and ESG among employees. In 2022, a series of awareness sessions and training on sustainability were conducted as a means of engaging with our employees on ESG issues and increasing their awareness on PROLINTAS's efforts in this area. These sessions were crucial in advancing PROLINTAS's sustainability agenda and for capability-building.

→ SDGs Awareness Workshops

The participants from key divisions and departments attended the workshops with the intention of gaining knowledge and a common understanding of the sustainable development goals and sustainability reporting.

→ Rewilding The Forest Programme

Rewilding the Forest @ Taman Tugu is a joint collaboration with the Free Tree Society (FTS), an environmental non-profit organisation that works with nature to preserve, conserve and save the environment. The aim of this programme is to instil a sense of ownership and care towards the environment and nature and act as a platform for the participants to be exposed to nature and further understand the ecosystem and how all are connected. The activities are hands-on and participants learnt about waste management, rainwater harvesting, propagation, gardening, and biodiversity.



→ Rewilding The Forest Programme to instil a sense of ownership and care towards the environment.

→ **Tree Planting @ Taman Tugu - a Joint Collaboration with Amanah Warisan Negara**

Tree Planting @ Taman Tugu was a programme to expose employees to nature conservation and help understand the impact of greenery on the urban environment.



→ Tree planting activity at Taman Tugu, Kuala Lumpur.

→ **SDG WEBINARS**

Providing PROLINTAS employees knowledge and exposure on the importance of nature and sustainability, which aligns with the Sustainable Development Goals (SDG).

- Free Tree Society – Climate Reality and Zero Waste
- M Saimiki Ibrahim – Winner of Green Neighbourhood Award 2022 on Melestarikan Alam Sekitar Bermula Dari Rumah
- Razak Aziz, Chief Seeder (Seeds Malaysia) – Sustainable Living: How Are We Pretending Not To Know
- Haslayati Hashim – Sustainability Consultant, SHEMSI Sdn Bhd – Sustainability from Safety and Health
- Najah Onn – Environmental Engineer and Sustainability Consultant, Kloth Malaysia Sdn Bhd - Conscious Closets



5. Building a Talent Pipeline Through Graduate Programmes

→ **PROTÉGÉ Programme**

PROLINTAS Professional Training and Education for Growing Entrepreneurs (PROTÉGÉ) programme continues our long-standing commitment towards growing the Malaysian talent pool. PROTÉGÉ aims to equip Malaysian graduates with the necessary skills and experience to thrive in the corporate world, and cultivate a pool of strongly competitive job creators and skilled job seekers that will meet industry demands. The 8-month programme blends intensive soft skills classroom training and on-the-job training opportunities, offering practical skills and real-life experiences to build a strong foundation for a successful future. For the period under review, we trained 34 young individuals in various fields, particularly in C&S engineering, electrical and electronics business, finance and law.

→ **Employability market for 2020 – 2022**

Throughout, 2020 to 2022, 60 Protégés were offered job placement in private companies and government agencies, whilst 21 Protégés have been offered the job as Executive at PROLINTAS since 2020.



→ PROTÉGÉ induction and briefing session.

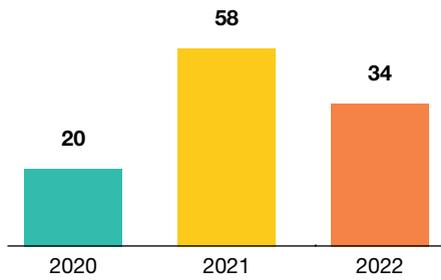
→ **Internship Programme**

As part of a concerted and long-term recruitment strategy, we strive to build meaningful relationships with the next generation of potential employees through internship programmes. Our placements are designed to enhance interns' skill sets so that they are ready to succeed in a dynamic and fast-paced work environment. Our programme provides opportunities to develop cutting-edge digital and entrepreneurial skills within the organisation. Since 2019, 97 internship placements have been completed with 28 interns joining during FY2022.

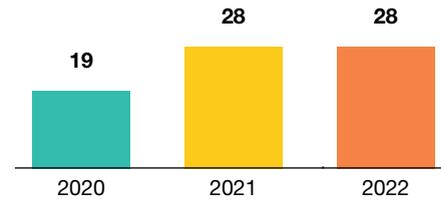
WORKFORCE DEVELOPMENT

NUMBER OF GRADUATES FOR PROTÉGÉ AND INTERNSHIP PROGRAMME FROM 2020 TO 2022

→ PROTÉGÉ PROGRAMME



→ INTERNSHIP PROGRAMME



INVESTMENT FOR GRADUATE PROGRAMMES

→ PROTÉGÉ



→ INTERNSHIP



TESTIMONIAL



“

I obtained a Bachelor's degree in Civil Engineering from Universiti Putra Malaysia and started as an intern at PROLINTAS in July 2021. After being accepted into the PROLINTAS PROTÉGÉ training programme, I was absorbed as a full-time employee after six months. I am grateful to PROLINTAS for the opportunity and hope to continue growing with the company.

”

ISKANDAR ZULKARNAIN ADAMULHASZA

Engineer, Civil & Structure Maintenance Department

6. Strategic Partnerships and Engagements

→ CEO Faculty Programme (CFP) - A Joint Collaboration Between PROLINTAS and Universiti Teknologi Malaysia (UTM)

PROLINTAS continuously engages with local institutions of higher learning, academicians and industry, to foster collaboration and knowledge-sharing. We do this through our own programmes as well as through public sector initiatives such as the CEO@Faculty, which started in 2022, as part of the PROLINTAS's contribution to the larger national agenda.

These efforts aim to bridge the gap between industry and academia by facilitating knowledge exchange, experience sharing, curriculum design advisory as well as to providing much-needed support to young talent.

Dato' Mohammad Azlan Abdullah, Group Chief Executive Officer, was appointed as a member of the CEO Faculty Programme (CFP) from the Department of Higher Education, Ministry of Higher Education, from February 2022.

A. CEO Faculty (Outbound) 2.0 Programme

Through this CEO Faculty (Outbound) 2.0 Programme, we provide UTM lecturers with the opportunity to spend six months shadowing key leaders in order to gain a deeper understanding of the industry and the skills students need to succeed. During FY2022, one lecturer from C&S Engineering Faculty took part in the programme. He shared his in-depth knowledge and expertise from his tenure at PROLINTAS, pertaining to his C&S portfolio. He shared about the experience gained on road maintenance, slope and drainage, as well as structure, building and facilities management.

Objectives

- Provide an industry exposure platform to young lecturers;
- Gain experience and knowledge through personal guidance from the Group CEO and top leadership of industry attached companies;
- Play an inclusive and comprehensive role in driving high-impact industry and university collaborations; and
- Disseminate experience in the industry by inculcating the value of efficient work ethic to other lecturers as well as strengthening the work culture at the university towards corporate excellence.

B. University of Technology, Malaysia (UTM) Technical Visit to PROLINTAS - Exposure on Highway Operations and Project - 23 lecturers and officers from UTM involved in the visit

Special briefing sessions were held for lecturers by PROLINTAS subject matter experts on Highway Operations and Projects. The Lecturers also experienced an on-site visit to the SUKE highway and the project site at Alam Damai Toll Plaza, to understand the concepts explained further.

Objectives

- Showcasing PROLINTAS's efforts to meet the accelerating demand for efficient road and transportation infrastructure in Klang Valley.
- Bridging the gap between classroom teaching and practical working environment and bridging the gap between classroom teaching and practical working environment, while also positively impacting the graduates' attitude and understanding through hands-on experience.

C. PROLINTAS Study Visit to UTM

- 17 PROLINTAS technical team attended the visit

PROLINTAS technical team conducted a study visit to UTM and attended a briefing session by the Faculty of Civil Engineering academicians. The team also visited the labs Pavement and Traffic, Geotechnic and Vibration Laboratories and M50 and Forensic Engineering Centre.

Objectives

- Acquire knowledge and updates on the latest technology in operation and maintenance as well as construction from UTM.
- Provide PROLINTAS Technical Team with the opportunity to get to know and compare experience and practices.



→ PROLINTAS Technical Team visits UTM.

WORKFORCE DEVELOPMENT

7. Other Collaborations with Private and Governmental Entities

Partner	Training	Objective
Polis DiRaja Malaysia (PDRM)	Traffic Accident Investigation Training for Our Traffic and Safety Personal	<ul style="list-style-type: none"> • Learn requirement of investigation and understanding its implementation. • Understand the importance of incident/accident investigation. • List and categorised types of accidents. • Learn the principles of investigation.
National Institute of Occupational Safety and Health (NIOSH)	Expressway Operation Safety Passport (EOSP)	<ul style="list-style-type: none"> • Understand Health, Safety and Environment (HSE) legislation pertaining to workplace. • Learn about incident prevention and risk management. • Expose to all specific critical works involving expressway activities.
	Authorised Entrant and Standby Person for Confined Space (AESP)	<ul style="list-style-type: none"> • Understand Health, Safety and Environment (HSE) legislation pertaining to workplace. • Learn about incident prevention and risk management. • Expose to all specific critical works involving expressway activities.
Construction Industry Development Board (CIDB)	Traffic Management Officer (TMO)	<ul style="list-style-type: none"> • Understand legislation related to traffic management works. • Identifying all hazards and risks while managing five zones concept.
PLUS Expressways Berhad (PLUS)	Study Visit at PLUS - Traffic Monitoring Centre (TMC)	Contribute to knowledge sharing session conducted by PLUS on managing highways, manning traffic management, including collecting and disseminating real-time traffic information for efficient traffic management, as well as coordinating assistance for highway users who need it.
Prasarana Malaysia Berhad (PRASARANA)	Visit to MRT Station Kg Selamat and MRT Sungai Buloh Depot	Organised knowledge sharing initiative and conducted a visit in which PROLINTAS's C&S team visited PRASARANA to learn how they manage and maintain their pillars and beams. PROLINTAS's Traffic Safety learned about PRASARANA's Operations Control Centre (OCC) operations in MRT Sungai Buloh Depot, which is the brain for the operations of MRT system.



WORKFORCE DEVELOPMENT

Number by Position	Benefits of Training Linked to Work Purpose
Total: 22 nos <ul style="list-style-type: none"> • Patrolman • Control Room Operator • Executive • Manager 	When an incident arises within the workplace, it is crucial for our Traffic Safety team to investigate the root cause of it. Accidents may cause a lot of damage and cost to the organisation. Therefore, it is important to study incidents that occur within the workplace so that it can be prevented.
Total: 341 nos <ul style="list-style-type: none"> • Patrolman • Technician • Chargeman • Engineers (Employees working on the highways)	Safety on the highway is the most important element in PROLINTAS highway services and operations. This is done to improve and enhance Occupational Safety and Health practices amongst highway operation employees.
Total: 20 nos <ul style="list-style-type: none"> • Technician • Engineer 	Equip workers to be competent and safe when working in confined spaces.
Total: 36 nos <ul style="list-style-type: none"> • Patrolman • Traffic Executive and Manager 	By having TMO certification, our highway operation workforce are able to supervise daily traffic management work and coordinate with Safety Officer and subcontractors on job sites. They are also able to ensure that all work carried out on their projects are handled in accordance with the clear work instructions and project requirements.
Total 86 nos <ul style="list-style-type: none"> • Control Room Operator • Patrolman • Traffic Executive and Manager 	As we aim to provide a safe, smooth and comfortable journey for our highway users, our TMC plays a vital role as the traffic management hub for our highways. Such exposure brings great benefits for the knowledge of our Traffic Safety team.
Total: 63 nos <ul style="list-style-type: none"> • Control Room Operator, • Patrolman • Traffic Executive and Manager • Head of Subsidiary 	Getting insights from our partners in a different industry would provide our personnel with a fresh ideas on how to better manage and maintain our facilities and operate our Traffic Monitoring Centre (TMC).

WORKFORCE DEVELOPMENT

8. Cultivate High-Performance Mindset

In 2022, PROLINTAS underwent an evaluation process using the HPO Survey, which is a diagnostic tool to assess the organisation’s potential to become a high-performance organisation (HPO). The purpose of this evaluation was to seek management’s viewpoints on the current situation and identify areas for improvement to transform PROLINTAS into an HPO. This approach involved the need for participation in knowledge-sharing sessions and workshops to understand innovation and disruption, their impact on the sustainability of the organisation, and support the development of an innovation-driven culture to drive passion and productivity.



➔ PROLINTAS aims to provide employees with a comprehensive learning experience that prepares them for challenges and opportunities.



9. Upskilling and Reskilling for Safety and Technical Competencies, and Service Excellence

As highway operators, we face a range of challenges, from ensuring the safety of drivers and passengers to keeping up with advances in technology and meeting rising customer expectations for service excellence. To address these challenges, PROLINTAS prioritises upskilling our workforce in safety, technical competencies, and service excellence to deliver high-quality services, ensure the safety of all road users, and integrate innovation in a constantly evolving industry.

→ **Embedding safety with industry-specific highway-management skills and knowledge**

Given the risks associated with working on highways due to the fast-moving traffic and the potential for accidents and incidents, there is a heightened need to institute strict safety protocols and training to minimise the risk of harm. Mandatory training for highway operators is essential to ensure work safety and minimise the risk of accidents and incidents.

This type of training covers various topics, including proper equipment operation, traffic management, emergency response procedures, and safety regulations. By providing employees with this training, we want to ensure they have the necessary knowledge and skills to perform their roles safely and effectively. Additionally, mandatory training helps create a safety culture, promoting awareness of potential hazards and encouraging employees to prioritise safety in their day-to-day work. Through these efforts, we have reduced the workplace injury incidence rate from *1.6 in 2021 to 1.4 in 2022.

* total number of accidents and incidents per million manhours worked

<p>1</p> <p>Highways Operations Team - Exposure to Artificial Intelligence in Highway Operations Patrolman, Control Room Operator and Traffic and Safety Executive</p>	<p>2</p> <p>Highway Operations Team - Usage of Drones in Highway and Bridge Inspection Civil and Structure Executives and Technicians</p>
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- Trained 50 employees in 2022 to use the PROLINTAS Digital App attached to the Smart Surveillance System (S3) and PROLINTAS Integrated Maintenance System (PRIME) for 'real-time' monitoring of highways

- 12 employees trained to operate drones
- Leveraging technology to provide deep analytics and actionable insights for highway operations and maintenance, especially as the highways are surrounded by slopes and almost 95% of them are elevated
- Managed to shorten turnaround time to check slopes and defects in hard-to-reach areas

<p>3</p> <p>Highway Operations Team - Competent Professionals in Ensuring Best Practice according to OSH Regulations Patrolman, Supervisor, Technician, Assistant Executive, Assistant, Executive, Assistant Manager, Manager</p>	<p>4</p> <p>Job Compliance and Defensive Driving and Riding: Patrolman, Control Room Operator (CRO)/Technician, Safety and Health Committee/Traffic and Safety Executives, Assistant/Despatch/Drivers (Total: 115 employees)</p>
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- Mandatory safety training is required before highway operation staffs enter their respective work zones to empower them with readiness to manage risk and safety to mitigate accidents and apply first-aid, should the situation arise
- 463 employees received certification in 2022
 - Expressway Operation Safety Passport (EOSP) – 341 employees certified in 2022
 - Basic Occupational First Aid (BOFA) – 62 employees participated in 2022
 - Authorised Entrant and Standby Person for Confined Space certification – 10 employees participated in 2022
 - Traffic Management Officer (TMO) – 44 employees participated in 2022
 - Safety and Health Officer (SHO) – 2 employees participated in 2022
 - Certified Allied Telesis Professional – 1 employee participated in 2022
 - Certified Allied Telesis Technician – 3 employees participated in 2022

Programmes to reduce the dangers associated with driving/riding:

Compliance and Defensive Driving and Riding (Safety)
Consciously reduce the dangers associated with driving/riding

GDL, GDL E/LICENSE E AND B FULL LICENSE
Job statutory compliance – driving commercial vehicle/motorbike > 250 cc

Patrolman and Control Centre Operator/Technician

Defensive Riding
Improving defensive riding for employees who transit to work by bike/use bike for official assignments

Safety and Health Committee/Patrolman/Despatch

Defensive Driving
Decrease risk of motor vehicle collisions and traffic violations
Minimise exposure to liability risks

Drivers

WORKFORCE DEVELOPMENT

→ Building Technical and Service Capabilities

We prioritise upskilling technical and service capabilities to ensure that we are primed to serve the needs of our road users and stakeholders, and continuously be ahead of the curve in applying new knowledge and best practices.

Highway Exposure Programme

- 50 employees given exposure to fundamentals of highway operations
- Programme is 100% designed and curated in-house, leveraging niche insights and knowledge sharing

Auxiliary Police Basic Course and Continuity Training Programme

- 50 auxiliary police participated in programmes to expand their understanding of highway operations

Advocating Technical and Vocational Education and Training (TVET)

- Given that Civil and Structural Engineering and Electrical and Electronic Engineering knowledge encompasses the core technical competencies in our highway construction and maintenance works, we advocate TVET learning and education

Improving Customers Experience

- 400 Frontliners participated in the Customer Service Excellence Workshop
- 40 employees participated in Call Centre Excellence Programme to develop capabilities to understand and meet customer expectations

Qualification and Competencies

Doctorate	1
Masters	15
Bachelors	183
Chartered Accountants	6
Ir (Professional Engineer)	3
Ts and Tc (Professional Technologies and Certified Technicians)	6
Sr (Professional Surveyor)	1
TMO (Traffic Management Officer)	44
SHO (Safety and Health Officer)	2
PMP (Project Management Professional)	1
ICSA (Institute of Chartered Secretaries and Administrators)	1
CEP (Certified Environmental Professional)	2
CCG (Certified In Corporate Governance)	1
Expressways Operation Safety Passport	463

10. Building Leaders of Tomorrow

We focus on enabling our people with leadership skills, providing them with relevant training that meets future challenges on adaptability, innovation, social responsibility, and a deep understanding of the evolving business landscape, through comprehensive leadership development programmes that include formal training, mentorship, and on-the-job learning opportunities.

1	2	3
Leadership Programmes	Coaching and Mentoring	Toastmasters Club Programme
114 employees participated in Leadership Programmes such as: <ul style="list-style-type: none"> • Prophetic Leadership • Navigating the Leadership • Challenges in the Next Disruption • Journey to Organisation Excellence: Transforming PROLINTAS to a High-Performing Organisation 	75 employees received internal coaching sessions provided by the management team to their direct reports for succession planning	31 employees and 14 Protégés participated in Toastmasters Club activities which enhances communication and leadership skills, such as improving public speaking, effective presentations, and receiving constructive feedback

11. Succession Planning

Succession planning is crucial to PROLINTAS's continued success. By investing in employee development and creating a talent pipeline for critical roles, we can ensure a smooth transition when key positions become vacant. This reduces the risk of disruption to our operations and promotes stability and growth. Succession planning also creates opportunities for our employees to grow and develop, building their skills and preparing them for future leadership roles. By providing employees with a clear career path, we foster a learning and growth culture, which helps attract and retain top talent.

We identify Key Positions and Mission Critical Positions as key roles that have the potential to impact business operations and have a framework in place to ensure that there is a pipeline of qualified and prepared talent to fill those roles.

SUCCESSION PLANNING 2022 FRAMEWORK

Adopting the right strategies to undertake implementation succession planning and to link it with organisation's objectives.

1	TALENT PROFILING	Employee Profile Performance Score
2	TALENT POTENTIAL ASSESSMENT	Evaluate talent pool based on performance and potential factors
3	TALENT READINESS	<ul style="list-style-type: none"> • R0 Ready NOW • R1 Ready in less than 1 year • R2 Ready within 2 years • R3 Ready within 3 years • NR Not ready to advance
4	SUCCESSION CHART AND GAP ANALYSIS	Hierarchical view of the reporting relationships of people and positions in the organisation
5	INDIVIDUAL DEVELOPMENT PLAN (TALENT DEVT)	<ul style="list-style-type: none"> • Training Programme • Stretch assignments • Challenge roles for high-potential employees • Cross-functional project

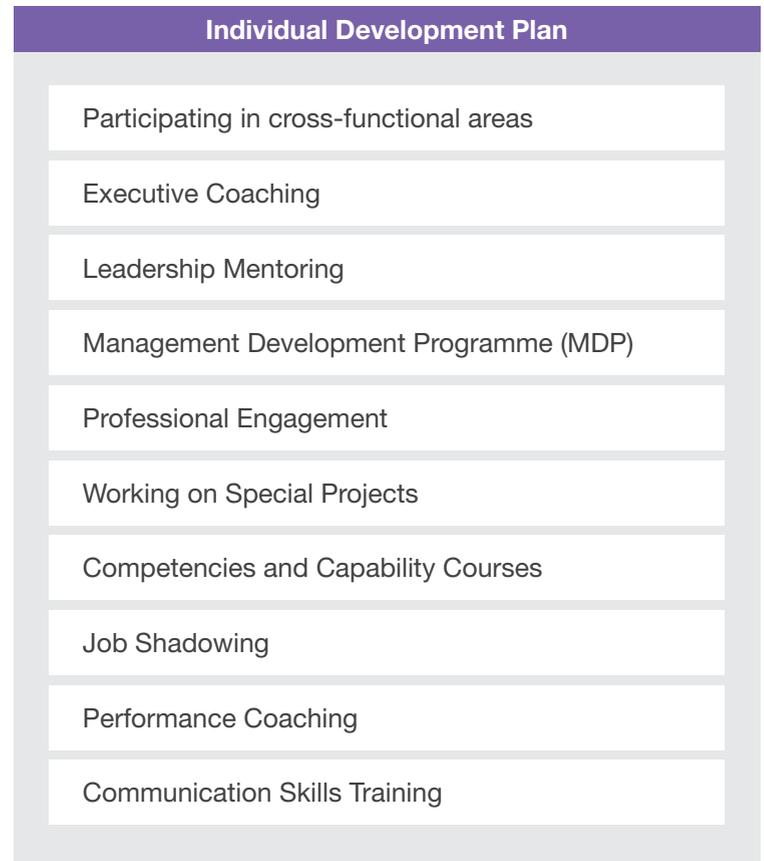
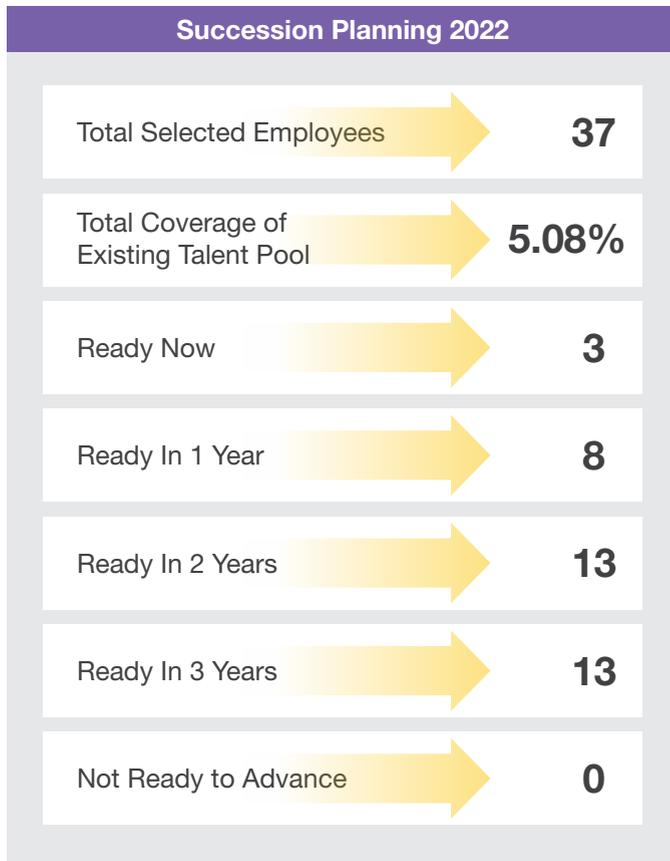
→ We have an assessment matrix in place to evaluate talent readiness.

Readiness Code	Identified Pool
R0 Ready NOW	3
R1 Ready in less than 1 year – move up one or two level from current level	8
R2 Ready within 2 years – move up one level from current level	13
R3 Ready within 3 years – maintain in current roles or lateral cross-function move	13
NR Not ready to advance – maintain in current role or review current job fit	0

WORKFORCE DEVELOPMENT

→ In 2022, we identified 20 Key Positions and 17 Mission Critical Positions for the organisation.

The identified talents are enrolled in Individual Development Plans (IDP) with integrated programmes to support their growth.



12. Programmes for Continued Employability

We are committed to caring, respecting, and empowering our employees, which enables them to make valuable contributions to their communities and ensures a secure and fulfilling future.

MOVING FORWARD

At PROLINTAS, we are committed to investing in the professional growth and development of our employees. We believe in providing high-quality and inclusive training opportunities to ensure that our team members have the necessary skills and knowledge to stay ahead in an ever-changing business landscape. By building a culture of continuous learning and development, we want to remain competitive, retain top talent and create a high-performance organisation that can meet the challenges of the future.





➔ Sustainability awareness training.

EMPLOYEE WELL-BEING, SAFETY AND HEALTH



→ An employee undergoing medical check-up.

→ GRI STANDARDS

GRI 403:
Occupational Health and Safety

GRI 401:
Employment

GRI 402:
Labour/Management Relations

GRI 407:
Freedom of Association and
Collective Bargaining



- Target 3.3
- Target 3.4
- Target 3.6
- Target 3.9
- Target 8.1
- Target 8.4

→ WHY IT MATTERS

Employee well-being is crucial for PROLINTAS's success as it directly impacts employee engagement, motivation, and productivity. A happy and healthy workforce leads to increased engagement and a positive work environment, all of which contribute to improved business outcomes.

KEY HIGHLIGHTS

PROLINTAS overall engagement survey for employee wellness, health and safety - **75%**

Survey by Kincentric

Occupational Incident Rate **1.4** per million hours

Safety and Health Awareness and Training Programme **18,472** hours



EMPLOYEE WELL-BEING

OUR APPROACH

Our approach to employee well-being aligns with meeting evolving employee expectations, and building opportunities for purpose-driven work. Our talent management approach focuses on performance management, leadership development, and employee capability-building, implemented throughout the organisation in partnership with leaders. We strive to build an inclusive, positive, and engaging culture and leadership that fosters happiness and optimal performance for people from diverse backgrounds.

OUR PROGRESS

1. Market-Oriented Compensation and Benefits

Life-Insurance	By Job Grade – available to all
Health Care	By Job Grade, Staff Category, Job Age
Maternity Allowance	RM5,000 up to 5 surviving children
Cost of Living Allowance	RM400
Dental	RM500
Parental Leave	Eligible To Male Employees
Others	<ul style="list-style-type: none"> Enhanced Provident Fund Vaccination Leave Long Service Award <ul style="list-style-type: none"> ▶ RM1,500 – 15 years ▶ RM2,500 – 20 years ▶ RM3,500 – 25 years Incentivised Benefits [E- Vouchers for Staff] Buka Puasa Food Arrangement for Shift-Working Staff Welfare Benefits – Death, Funeral Expenses Hybrid Working Model [for Non-Operation Group, Non-Shift Working Group and Office-Based Group] Mammogram Health Screening for Women 40 Years and Above Pilgrimage Leave

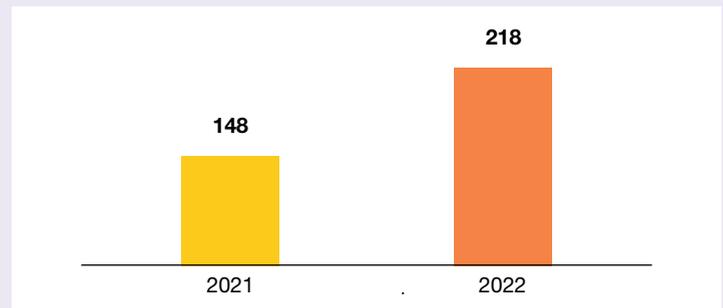
PROLINTAS also provides comprehensive medical coverage (**3,697 panel clinics**) and (**190 panel hospital**) across Malaysia under the provision of appointed third-party administrator (TPA).

2. Advocating Health And Wellness

→ Vaccination Leave

In response to recommendations made by the Malaysian Employers Federation (MEF) in aiding the National COVID-19 Immunisation Programme (NIP) by giving time off work for vaccination, we have introduced vaccination leave for our people to fully recover from COVID-19 side-effects from the booster vaccination.

→ TOTAL PAX APPLIED FOR VACCINATION LEAVE



→ Pink October Celebration - Mammogram Health Screening

A continuing effort on breast cancer awareness and encouraging employee well-being by focusing on our female employees.

Complimentary support on mammogram health screening services for prevalent group as an early detection of breast cancer (women age > 40).

Female Employees
Volunteered for
Mammogram
Health Screening

15
employees

Amount Invested

RM1,920
(RM128 per pax)

EMPLOYEE WELL-BEING

→ Pink October Celebration

- Curated PINK October Gift to 350 female employees. 10% of the value purchase for PINK October gift proceeds to be contributed to National Cancer Research Malaysia.



- Webinar series related to PINK October



→ Movember Movement

- The movement is to raise awareness about three of the biggest health risks affecting men which are prostate cancer, testicular cancer, mental health issues, and suicide prevention.
- Happy Movember box consisting of grooming kit distributed to male employees
- Conducted webinar series related to Men's Health



3. Promoting a Safe Working Environment

Anti-Sexual Harassment Special Committee was developed in 2021. It is an independent committee appointed to handling complaints on sexual harassment in compliance with the PROLINTAS Anti Sexual Harassment Policy.





→ Celebrating International Men's Day at PROLINTAS.

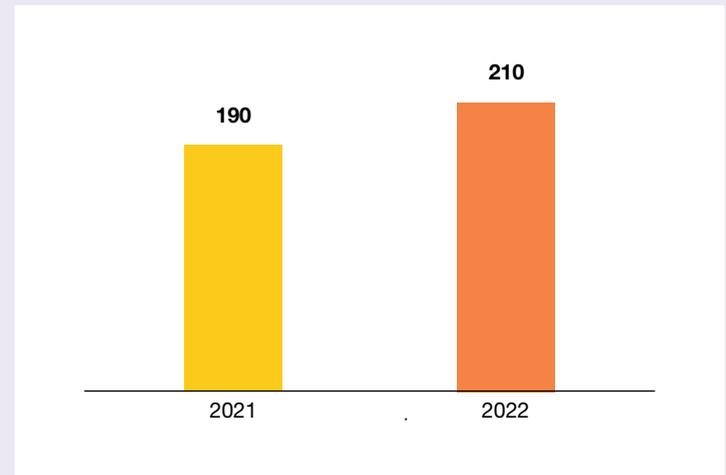
Movember
Movement Gift to
Male staff

465
employees

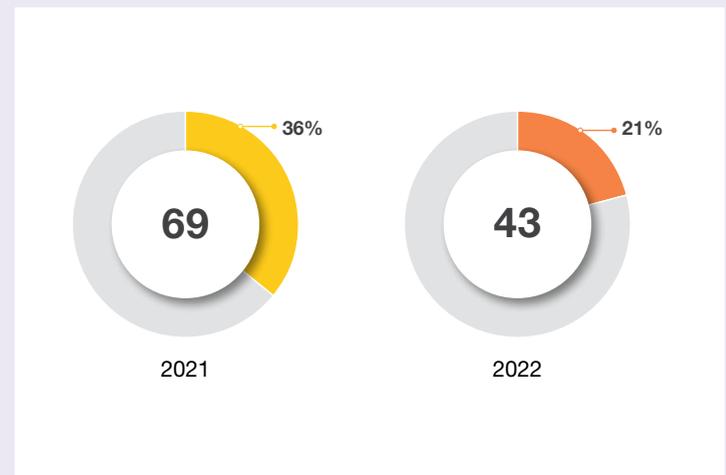
Amount Invested

RM36,270

→ NUMBER OF EMPLOYEES ELIGIBLE FOR FWA



→ NUMBER OF EMPLOYEES OPTED FOR FWA



4. Conducive Working Environment

We have adopted a Flexible Working Arrangement (FWA) through Hybrid Working Model, introduced in 2021. Eligibility is as follows:

1

Eligible Group for FWA: Office-based role who have the necessary equipment/tools to work remotely.

2

Non-Eligible Group for FWA: Project and operation staff working on shift and are required onsite presence.



→ Hybrid Working Model that allows employees to work from home.

EMPLOYEE WELL-BEING

5. Engaging Workplace

→ FY2022 Employee Engagement Activities

01/01/2022

#BuyForImpactMovement in Collaboration with MAGiC

Collaborated with MAGiC to promote #BuyForImpact and support sustainable purchases through social enterprises



03/01/2022

International Women's Day

Appreciation for women employees for their contribution at workplace through distribution of an exclusive gift via strategic collaboration with social enterprise, Komuniti Tukang Jahit that empowers a community of single mothers, OKU group and stay-at-home mothers to earn sustainable income through sewing.

16/03/2022, 18/03/2022, 30/03/2022, 20/05/2022

Rewilding The Forest @ Taman Tugu

Instilled environmental ownership via the 'Rewilding the Forest @ Taman Tugu', an outdoor classroom programme by the Free Tree Society.



10/06/2022

Coffee & Connect with GCEO

Commenced with Coffee and Connect session with employees and Group Chief Executive Officer, Dato' Mohammad Azlan Abdullah, after a three-year hiatus following the pandemic. The relaxed session allowed employees to share their thoughts freely for better communication.

17/06/2022

PROLINTAS Bagged Two Awards At The 21st Malaysia International HR Awards 2021

Won the Gold Award and Grand Winner title in the HR Best Practices category at the 21st Malaysia-International HR Awards.



01/08/2022 - 31/8/2022

Bring A Plant To Work Campaign to support the SDG agenda.

Bring A Plant To Work Campaign was launched to encourage employees to take action together in the workplace to inculcate positive habits towards green lifestyle.

21/10/2022

Launch of Fabric Recycling Bin at Sg Balak Toll Plaza, SILK Highway

Partnered with social enterprise Kloth Cares to provide a recycling bin at Recycle Corner - Sg Balak Toll Plaza to keep fabric out of landfills.

Sustainability Webinar Series

1) Webinar - Climate Reality

Date: 3 March 2022
Time: 3.00pm – 4.30pm
Speaker: Free Tree Society

2) Zero Waste

Date: 20 April 2022
Speaker: Free Tree Society

3) Melestarikan Alam Sekitar Bermula Dari Rumah

Date: 13 May 2022
Speaker: En Saimiki Ibrahim,
Pemenang Anugerah Kebun Laman Rumah
Peringkat Kebangsaan

4) Sustainable Living: How Are We Pretending Not To Know

Date: 27 May 2022
Speaker: Seeds Malaysia

5) Conscious Closet Webinar

Date: 25 August 2022
Speaker: Kloth Malaysia Sdn Bhd

Conducted Sustainability Webinar Series to support ESG agenda and increase awareness on personal, professional, and work-related SDG goals contribution.

6. Networking With GCEO



23/03/2022

Hybrid Townhall PROLINTAS 2022

Continuous engagement session connecting management and employee through PROLINTAS Townhall.



30/09/2022

SUKE Engagement Session with GCEO of PROLINTAS

80 SUKE team employees celebrated a milestone with PROLINTAS GCEO, Dato' Mohammad Azlan Abdullah, in a close-knit engagement session to commemorate their hard work.

EMPLOYEE WELL-BEING

31/10/2022

DASH Engagement Session with GCEO

Celebrated the opening of DASH with a close-knit gathering of 100 employees from all divisions with Group Chief Executive Officer of PROLINTAS, Dato' Mohammad Azlan Abdullah.

CHIT-CHAT WITH GCEO



20/12/2022

Chit Chat with GCEO

Organised a session where we initiated our own PROTÉGÉ programme to materialise the company's agenda in moulding young graduates into high-calibre employees to create more competitive and market-ready job seekers.

At the end of the 2022 Batch PROTÉGÉ programmes, certificates of completion were given to all Protégés who had completed the 8 months of PROTÉGÉ programme with PROLINTAS.

In 2022, more than RM343,200 was invested in employee wellness-related initiatives. Our commitment to employee well-being is evident through our significant investment in various programmes and activities. This initiative enhances the overall quality of life and empowers employees to perform at their best.

Total Investment for
Employee Well-Being
Related Initiatives
RM343K

SAFETY AND HEALTH

OUR PROGRESS

1. Upholding Safety and Well-Being

In parallel to prioritising the safety of our road users, we also strive to ensure the provision of a secure and healthy workplace for our employees, who are dedicated to promoting efficient and seamless highway operations. Our work practices are fully in accordance with all pertinent Safety and Health Policy guidelines, and we have integrated local and international best practices in occupational safety and health (OSH) while meeting the legal requirements outlined by the Occupational Safety and Health Act 1994 (Act 514) and all associated legislation.

ENVIRONMENTAL SAFETY AND HEALTH POLICY

- ▶ Provide a safe and healthy workplace, and working conditions for all towards prevention of incidents, injuries and illness.
- ▶ Strive to eliminate hazards at the workplace and reduce OHS risks.
- ▶ Strive to effectively prevent all types of pollution in particular air, water, noise and land pollution. Optimise resources and energy consumption, and minimise environmental impacts from our activities and services to our surrounding.
- ▶ Comply with all applicable Environmental, Safety and Health legal and other requirements as well as industry standards.
- ▶ Provide training and adequate resources to aid employees in fulfilling their responsibilities towards Environmental, Safety and Health Management System.
- ▶ Conduct regular reviews and evaluations of the Environmental, Safety and Health Management Systems implementation.
- ▶ Continually improve the effectiveness of our Environmental, Safety and Health Management System.
- ▶ Establish a mechanism for consultation and participation of workers within the framework of the Environmental, Safety and Health Management System.



→ Safety briefing conducted by Safety and Health Officer.

→ Adherence to Global Safety Standards

Our commitment to achieving zero accidents and reducing work-related ill health is integral to our broader objective of fostering a safety-first culture and safeguarding the health and well-being of our personnel. We remain steadfast in our dedication to upholding exceptional Environmental, Occupational Health, and Safety Standards and achieved four certifications in 2022. They are the ISO 45001:2018 Occupational Health and Safety Management Systems, ISO 14001:2015 Environmental Management Systems, ISO 9001:2015 Quality Management Systems, and ISO 39001:2012 Road Traffic Safety Management. These certifications enable us to manage risks effectively, enhance performance in this field, and execute efficient policies and objectives. As a global standard in OHS Management Systems, it mitigates potential factors that could cause permanent harm to employees and businesses.

PROLINTAS INTEGRATED MANAGEMENT SYSTEM CERTIFICATES

CERTIFICATE

SIRIM QAS International hereby certifies that

PROJEK LINTASAN KOTA HOLDINGS SDN. BHD. (INCLUDING TURNPIKE SYNERGY SDN. BHD., PROJEK LINTASAN KOTA SDN. BHD., PROLINTAS EXPRESSWAY SDN. BHD., PROJEK LINTASAN SHAH ALAM SDN. BHD. & SISTEM LINGKARAN-LEBUHRAYA KAJANG SDN. BHD.)
TINGKAT 12, MENARA PNB
201-A, JALAN TUN RAZAK
50400 KUALA LUMPUR
WILAYAH PERSEKUTUAN MALAYSIA

has implemented an Environmental Management System complying with

ISO 14001 : 2015
ENVIRONMENTAL MANAGEMENT SYSTEMS - Requirements

Scope of Certification
PROVISION OF CORPORATE SUPPORT SERVICES FOR THE MANAGEMENT AND OPERATIONS OF TOLLED HIGHWAYS.

Issue date : 06 April 2021
Original certification date : 30 December 2015
Expiry date : 22 March 2024
Certificate no. : EMS 00745

Nur Fadhilah binti Muhammad
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

CERTIFICATE

SIRIM QAS International hereby certifies that

PROJEK LINTASAN KOTA HOLDINGS SDN. BHD. (INCLUDING TURNPIKE SYNERGY SDN. BHD., PROJEK LINTASAN SUNGAI BESI - ULU KLANG SDN. BHD. & PROJEK LINTASAN DAMANSARA SHAH ALAM SDN. BHD.)
TINGKAT 12, MENARA PNB
201-A, JALAN TUN RAZAK
50400 KUALA LUMPUR
WILAYAH PERSEKUTUAN MALAYSIA

has implemented an Environmental Management System complying with

ISO 14001 : 2015
ENVIRONMENTAL MANAGEMENT SYSTEMS - Requirements

Scope of Certification
PROVISION OF DEVELOPMENT AND PROJECT MANAGEMENT OF HIGHWAY CONSTRUCTION.

Issue date : 23 March 2021
Original certification date : 17 September 2019
Expiry date : 22 March 2024
Certificate no. : EMS 00884

Nur Fadhilah binti Muhammad
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

CERTIFICATE

SIRIM QAS International hereby certifies that

PROJEK LINTASAN KOTA HOLDINGS SDN. BHD. (INCLUDING TURNPIKE SYNERGY SDN. BHD., PROJEK LINTASAN KOTA SDN. BHD., PROLINTAS EXPRESSWAY SDN. BHD., PROJEK LINTASAN SHAH ALAM SDN. BHD. & SISTEM LINGKARAN-LEBUHRAYA KAJANG SDN. BHD.)
TINGKAT 12, MENARA PNB
201-A, JALAN TUN RAZAK
50400 KUALA LUMPUR
WILAYAH PERSEKUTUAN MALAYSIA

has implemented an Occupational Health and Safety Management System complying with

ISO 45001 : 2018
OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEMS - Requirements with guidance for use

Scope of Certification
PROVISION OF CORPORATE SUPPORT SERVICES FOR THE MANAGEMENT AND OPERATIONS OF TOLLED HIGHWAYS.

Issue date : 06 April 2021
Original certification date : 30 December 2015
Expiry date : 22 March 2024
Certificate no. : OHS 00641

Nur Fadhilah binti Muhammad
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

CERTIFICATE

SIRIM QAS International hereby certifies that

PROJEK LINTASAN KOTA HOLDINGS SDN. BHD. (INCLUDING TURNPIKE SYNERGY SDN. BHD., PROJEK LINTASAN SUNGAI BESI - ULU KLANG SDN. BHD. & PROJEK LINTASAN DAMANSARA SHAH ALAM SDN. BHD.)
TINGKAT 12, MENARA PNB
201-A, JALAN TUN RAZAK
50400 KUALA LUMPUR
WILAYAH PERSEKUTUAN MALAYSIA

has implemented an Occupational Health and Safety Management System complying with

ISO 45001 : 2018
OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEMS - Requirements with guidance for use

Scope of Certification
PROVISION OF DEVELOPMENT AND PROJECT MANAGEMENT OF HIGHWAY CONSTRUCTION.

Issue date : 23 March 2021
Original certification date : 17 September 2019
Expiry date : 22 March 2024
Certificate no. : OHS 00796

Nur Fadhilah binti Muhammad
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

CERTIFICATE

SIRIM QAS International hereby certifies that

PROJEK LINTASAN KOTA HOLDINGS SDN. BHD. (INCLUDING TURNPIKE SYNERGY SDN. BHD., PROJEK LINTASAN KOTA SDN. BHD., PROLINTAS EXPRESSWAY SDN. BHD., PROJEK LINTASAN SHAH ALAM SDN. BHD. & SISTEM LINGKARAN-LEBUHRAYA KAJANG SDN. BHD.)
TINGKAT 12, MENARA PNB
201-A, JALAN TUN RAZAK
50400 KUALA LUMPUR
WILAYAH PERSEKUTUAN MALAYSIA

has implemented a Quality Management System complying with

ISO 9001 : 2015
QUALITY MANAGEMENT SYSTEMS - Requirements

Scope of Certification
PROVISION OF CORPORATE SUPPORT SERVICES FOR THE MANAGEMENT AND OPERATIONS OF TOLLED HIGHWAYS.

Issue date : 23 March 2021
Original certification date : 23 March 2021
Expiry date : 22 March 2024
Certificate no. : QMS 03693

Nur Fadhilah binti Muhammad
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

CERTIFICATE

SIRIM QAS International hereby certifies that

PROJEK LINTASAN KOTA HOLDINGS SDN. BHD. (INCLUDING TURNPIKE SYNERGY SDN. BHD., PROJEK LINTASAN KOTA SDN. BHD., PROLINTAS EXPRESSWAY SDN. BHD., PROJEK LINTASAN SHAH ALAM SDN. BHD. & SISTEM LINGKARAN-LEBUHRAYA KAJANG SDN. BHD.)
TINGKAT 12, MENARA PNB
201-A, JALAN TUN RAZAK
50400 KUALA LUMPUR
WILAYAH PERSEKUTUAN MALAYSIA

has implemented a road traffic safety management system complying with

ISO 39001:2012
Road traffic safety (RTS) management systems - Requirements with guidance for use

Scope of Certification
ROAD TRAFFIC SAFETY MANAGEMENT SYSTEM FOR CORPORATE SUPPORT SERVICES FOR OPERATION OF HIGHWAYS.

Issue date : 14 April 2021
Original certification date : 10 February 2020
Expiry date : 22 March 2024
Certificate no. : RTS 00114

Nur Fadhilah binti Muhammad
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.

SAFETY AND HEALTH

2. Safety and Health Awareness and Training Programmes

Our prioritisation of safety, health and environmental responsibility is driven by equipping our employees with the relevant knowledge and skills. We conducted 16 awareness and training programmes in 2022 to foster a culture of responsibility throughout the organisation.



COMPETENCY

- Safety and Health Officer
- Auxiliary Police Training
- Traffic Management Officer
- Confined Space
- Professional Green Technology and Energy Efficiency



SAFETY AWARENESS

- Emergency Response Team
- Basic Occupational First Aid, CPR and AED
- Expressway Safety Passport
- Effective Safety and Health Committee
- Traffic Accident Investigation
- Ergonomic Awareness
- Effective Safety Culture
- Commuting Safety



OTHERS

- Carbon Footprint and Reporting for Organisations
- Sustainability from Safety and Health Perspective
- Rewilding the forest

Total Number of Awareness and Training Programmes

16

Total Participants

1,411

Total Hours Spent

18,472

Value of Investment

RM 447,408



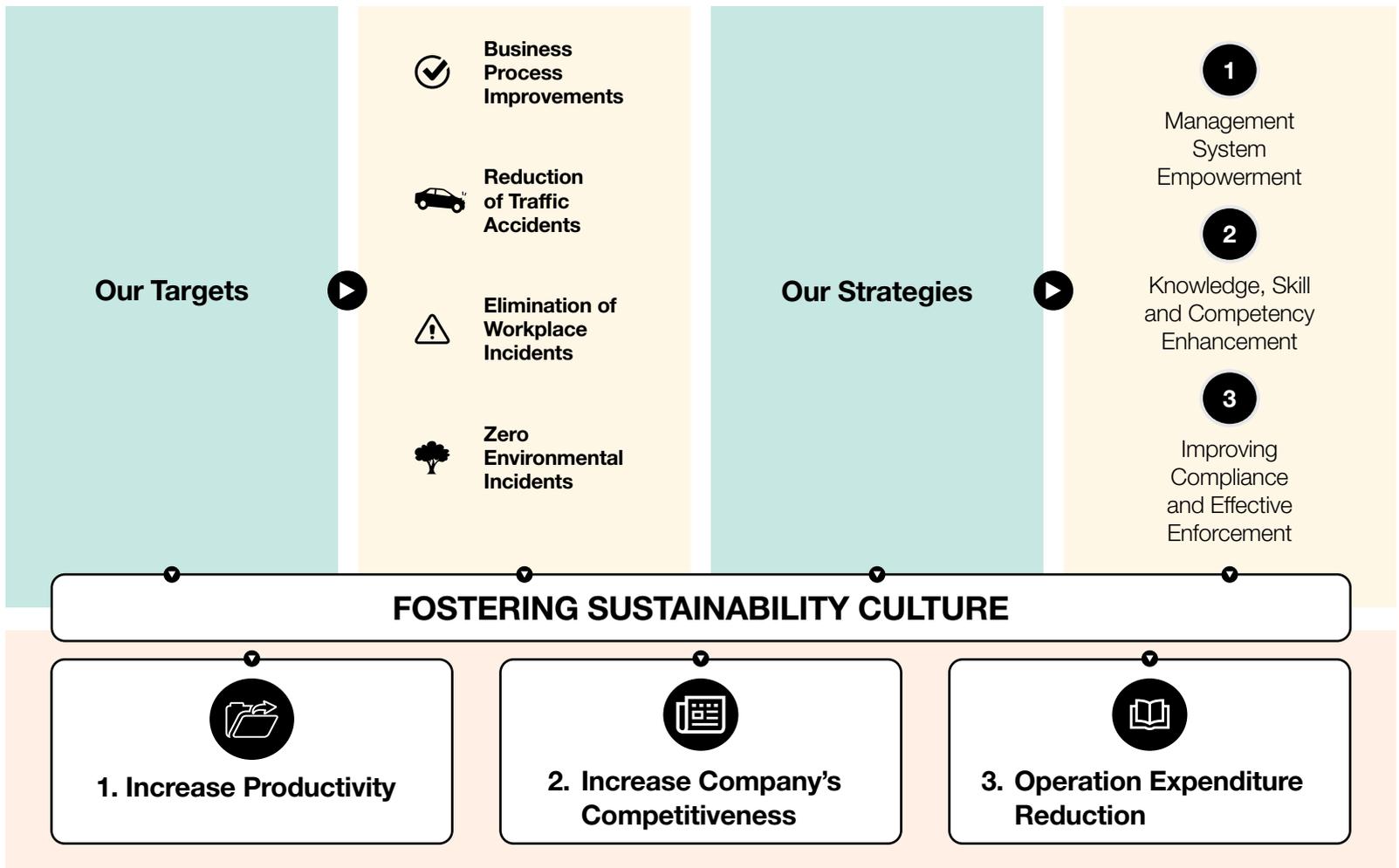
➔ Commuting Safety Training.



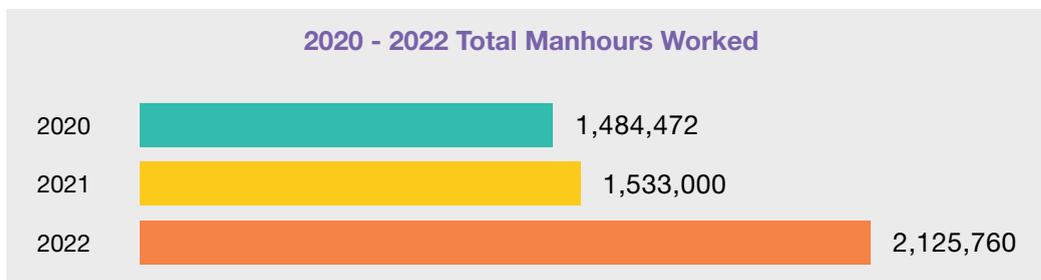
➔ Emergency Response Team Training.



3. Measures to Ensure Safe and Healthy Workplace for All



→ Occupational Safety Performance



For every 1,000,000 Manhours Worked:

- Accident Rate reduced from 1.6 in 2021 to 1.4 in 2022
- Fatality Rate reduced from 1.6 in 2021 to 0 in 2022

2020 - 2022 Occupational Accident Statistics

	2020	2021	2022
Fatality	0	1	0
Major Injury	1	0	1
Minor Injury	0	0	0
Property Damage	0	0	0

Year	Accident Rate*	Fatality Rate**	LTIF Rate***
2022	1.4	0	27.3
2021	1.6	1.6	3913.9
2020	1.5	0	18.2

* Total no. of accidents and incidents per million manhours worked
 ** Total no. of accidents that caused fatality per million manhours worked
 *** Total no. of lost workday caused by accident per million manhours worked

SAFETY AND HEALTH

Overall, in 2022, safety at the workplace improved along with all the pertinent indicators as above, even though the number of employees increased. This was due to the efforts made to elevate safety issues within the organisation.

Commitment from Management	Conducted quarterly safety and health committee meetings with senior leadership to discuss safety performance and action plans
Employee Involvement	Safety committees made up of employees from different levels (executive and non-executive levels) and different departments to drive adoption at the ground level
Effective Training	Regular safety and health training to increase safety and health awareness among employees 
Compliance with Legal and Other Requirements	Periodical safety audits to ensure best safety practices are being implemented according to best industry standards and guidelines by authorities

Our efforts to ensure the safety of our people working on the highway as well as in the offices are further outlined in the Material Matters chapters for Road User Well-Being and Workforce Development.

 Refer to Road User Well-Being on page 112.

 Refer to Workforce Development on page 66.

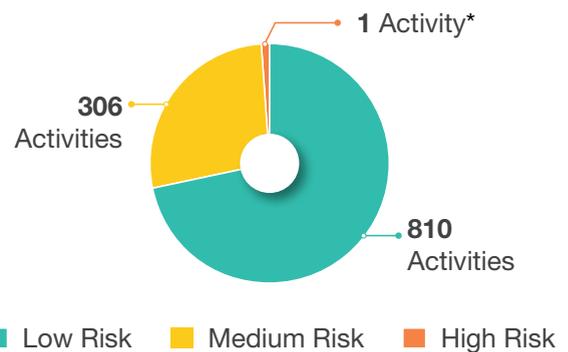
→ Hazard Identification and Assessment of Risk and Opportunities (HIARO)

PROLINTAS is committed to continuously identifying and mitigating workplace health and safety risks through our Hazard Identification and Assessment of Risks and Opportunities (HIARO) exercises. These exercises, conducted across our highway operations, enable us to implement necessary controls for all activities on all operated highways.

In line with the requirements of ISO 45001:2018, the Occupational Health and Safety Management System, and the OSH Act 1994, the establishment of HIARO has been integral to our approach to safety. The results of these exercises have been used to develop standard operating procedures (SOPs) and further improve our OSH management approach. We also regularly update and maintain the HIARO register to ensure its relevance and alignment with current issues.

Through this exercise, we have identified 1,117 activities, categorised as follows:

→ NUMBER OF RISKS IDENTIFIED



* Patrolman attending to traffic accidents and vehicle breakdowns

In controlling exposure to workplace hazards, we use the hierarchy of control, which includes elimination, substitution, engineering control, administrative control, and providing personal protective equipment (PPE).

→ **Advocating Healthy Workplace**

We believe that a healthy workplace is critical for achieving our business objectives. That is why we have put in place a comprehensive health programme that includes campaigns, awareness and health assessment programmes throughout the year.



➔ Fogging and larvaciding activity at construction site.

PROLINTAS GROUP OF COMPANIES

PENYAKIT TANGAN, KAKI DAN MULUT

HFMD JUGA BOLEH MENJANGKITI ORANG **DEWASA**

TANDA TANDA

- DEMAM
- SELSEMA
- RUAM PADA BAHAGIAN TANGAN, KAKI & MULUT
- SAKIT TEKAK

KAEDAH JANGKITAN

- 1 REMBESAN AIR LIUR
- 2 NAJIS
- 3 PERCIKAN HINGUS/BERSIN
- 4 CECAIR LEPUH (BLISTER)

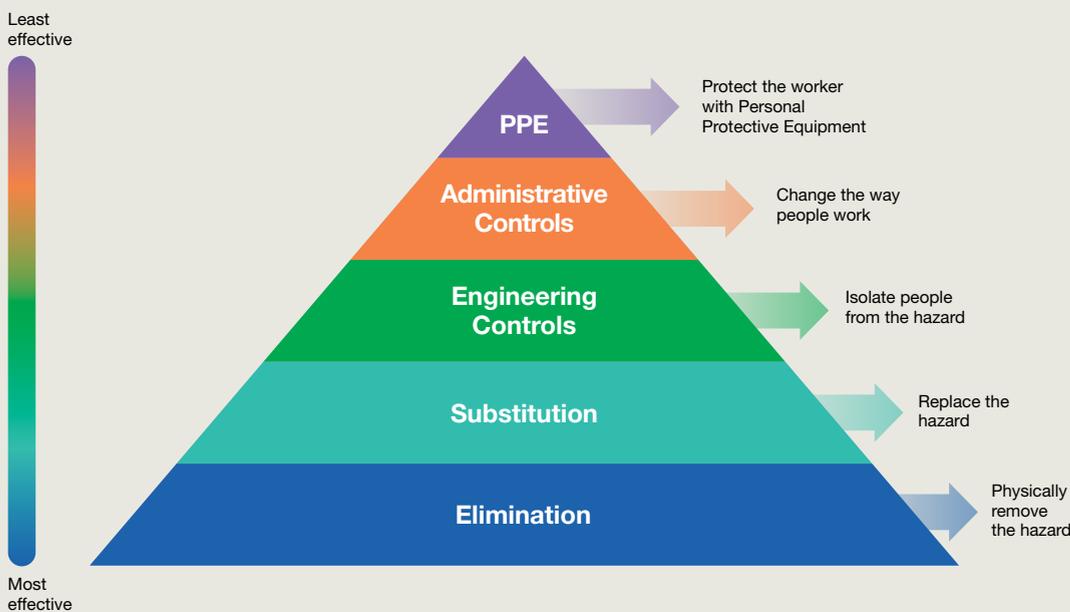
PENCEGAHAN

- 1 KERPAS BASUH TANGAN / GUNA HAND SANITIZER
- 2 SEMAK & ELAK BERKUNJUNG KE KAWASAN DENGAN KADAR JANGKITAN TINGGI MELALUI MYSEJAHTERA 'INFECTIOUS DISEASE TRACKER'

DAPATKAN PEMERIKSAAN KESIHATAN DENGAN SEGERA JIKA MEMPUNYAI TANDA-TANDA JANGKITAN

MySejahtera

Hierarchy of Controls



MOVING FORWARD

PROLINTAS will continue to focus on improving our people and achieving long-term business goals. We will develop a strong Employee Value Proposition (EVP) to motivate our employees and improve safety, flexibility, resilience and brand image. We will establish partnerships to stay current on industry-leading standards and aim to achieve ISO 45001:2018 certification for all relevant business units to reduce work-related injuries and improve our reputation. Our initiatives are aimed at building a more engaged, safer, and successful company.

ECONOMIC CONTRIBUTION



→ A variety of food is sold at the Elmina RSA.

KEY HIGHLIGHTS

Contribution to improving the economic well-being of stakeholders

Total Lettable Area for Local Small and Medium Enterprises
9,770 sq. ft.

Total Direct Beneficiaries from CSR Activities
1,950 People

→ GRI STANDARDS

GRI 201:
Economic Performance



• Target 8.2



• Target 9.1
• Target 9.2



• Target 10.1



• Target 12.6



• Target 13.1

→ WHY IT MATTERS

PROLINTAS plays a contributive role in supporting the economic development of the communities it serves. Providing and maintaining a reliable highway system enables businesses to transport goods and people more efficiently, leading to increased economic activity. This, in turn, creates job opportunities and generates revenue for companies and the local economy. PROLINTAS also engages in community development initiatives, such as supporting local businesses or investing in infrastructure projects, further promoting economic growth. A well-maintained highway system can attract new businesses and industries to the area, creating more jobs and stimulating economic growth even further.

ECONOMIC CONTRIBUTION

OUR APPROACH

We consider both direct and indirect effects on stakeholders and the larger community when determining how much money we can contribute. Indirect contributions include the amount of employment supported within our supply chain and from driving investment to the local economy. Direct contributions include paying taxes, wages, and shareholder dividends. We seek to close the wealth gap in society and enhance the financial security of all stakeholders by taking into account both direct and indirect contributions.

OUR PROGRESS

1. Direct Economic Contribution

→ Economic Value Generated

Through our stable financial and business performance, we provide value to our shareholders by sharing our profits.



→ Shareholders

As major shareholders, Permodalan Nasional Berhad and Amanah Saham Nasional Berhad own the Amanah Saham unit trust funds, allowing Amanah Saham unit holders to receive a portion of our profits as annual unit trust dividends. Our commitment to delivering business growth and increasing shareholder value directly benefits each Amanah Saham unit holder. The impact of our highways on the performance of one of the country's largest fund managers highlights our business's national significance.

→ Employees

We prioritise the value and well-being of our employees by fostering a supportive and engaging work environment. Our investment in their professional development and competitive remuneration is geared towards enabling them to achieve their career goals and derive fulfilment from their work. We recognise that creating a positive workplace culture is integral to the growth and success of our business, as it contributes to employee development and overall business performance.



→ We foster a supportive and engaging work environment for our employees.

ECONOMIC CONTRIBUTION

→ Community

We support our communities through various corporate social responsibility (CSR) programmes that promote social and environmental responsibility.

● Refer to *Impact on Communities* on page 126.

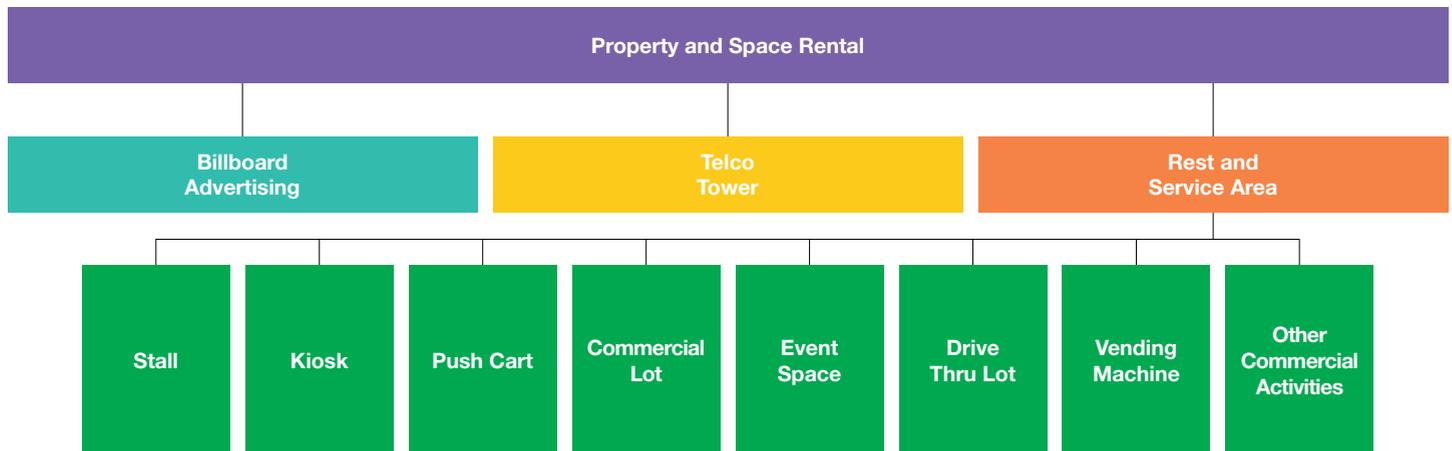
→ Government

Our commitment to fulfilling our legal obligations and statutory duties is demonstrated through our tax contributions. Additionally, we support and participate in government initiatives such as the CERDIK and PROTÉGÉ programmes.

2. Indirect Economic Contribution

Our highways offer facilities such as rest areas, petrol stations, and other businesses along the highway that provide significant economic benefits to the communities they serve. These facilities offer opportunities for people to earn a living and start businesses, thereby contributing to economic development. Rest areas and petrol stations are essential for drivers and travellers, providing services from fuel and food to restrooms and accommodations. These facilities can attract other businesses, such as convenience stores, restaurants, and small shops, creating job opportunities and generating revenue for the local economy.

→ PROPERTY AND SPACE RENTAL



➔ Food truck business opportunity.



➔ Providing event space for local community.

Improved connectivity and accessibility can also contribute to the growth of the tourism industry, as it becomes easier for tourists to reach different attractions and destinations. Additionally, highways can help develop rural areas by facilitating the transportation of agricultural products and other goods, improving the livelihoods of local communities.

● Refer to *Group CEO's Statement* on page 30 and *Impact on Communities* on page 126.

3. Contributing to National Job Creation and Economic Multiplier Efforts

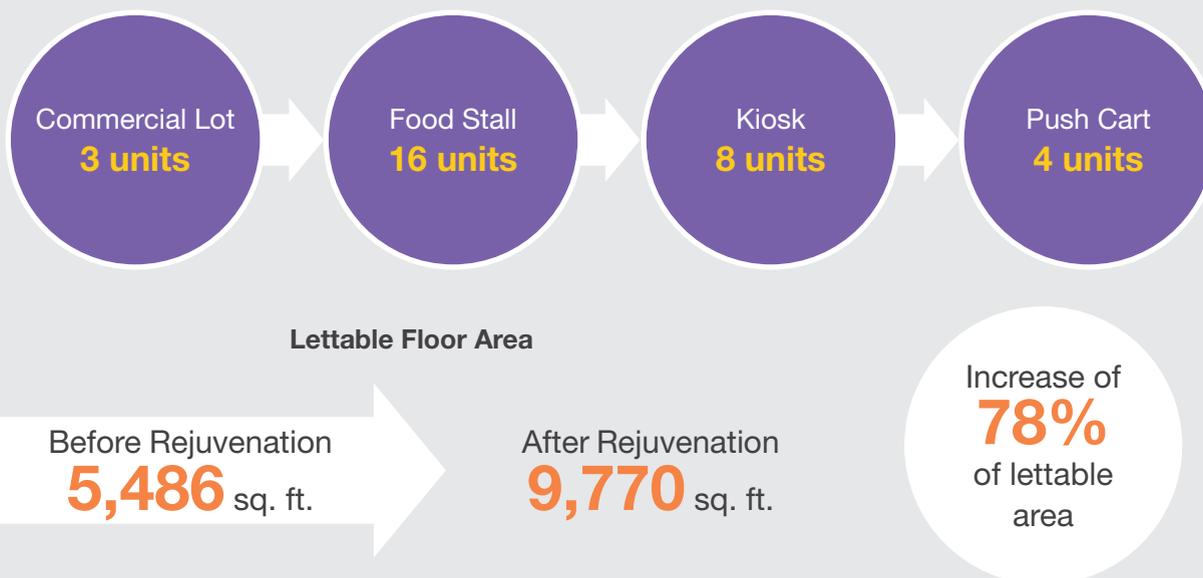
Our highways are not only a means of providing mobility and connectivity but also supporting economic development and job creation. Our Rest and Service Areas (RSAs), lay-bys, and other facilities offer a range of services to road users, such as food and beverage, convenience stores, and fuel stations. By leasing space for these businesses, we are helping entrepreneurs to start or expand their businesses and provide employment for residents.

The highways also require a large workforce for construction, maintenance, and operation, which creates additional employment opportunities.

Our highways also enable people to access new economic opportunities by providing connectivity to previously isolated communities. With the opening up of new road connections, communities that were previously underserved by transportation infrastructure can now connect to markets, jobs, and services. This connectivity leads to the creation of jobs and stimulates local economic growth.

→ Rejuvenation of Elmina RSA

For the past 15 years, the Elmina RSA carried on with its operations without undergoing any major renovation. We recognise the importance of maintaining a fresh and modern look to attract and retain customers. To achieve this, we embarked on renovating the Elmina RSA to refresh the building's appearance and brighten the entire facade. The renovation covers both the building area and external works, incorporating low-maintenance finishes to ensure easy upkeep. Our goal is to create an inviting and modern RSA that meets the needs and expectations of our customers while ensuring its sustainability for years to come.

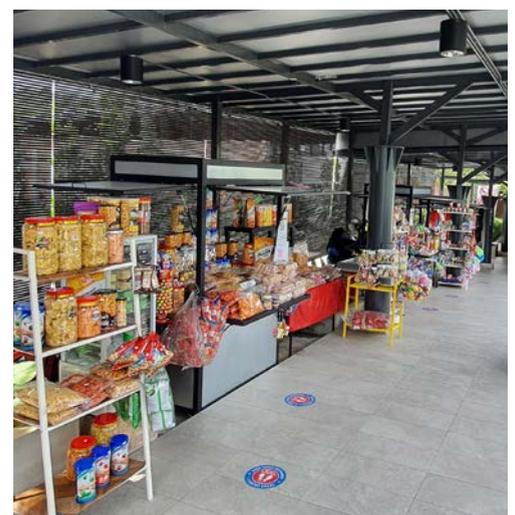


TESTIMONIAL 1



“As an Elmina RSA food stall operator since 2013, I've seen my business grow with PROLINTAS's development. The rejuvenation of the RSA has increased my customer base due to its fresh design.”

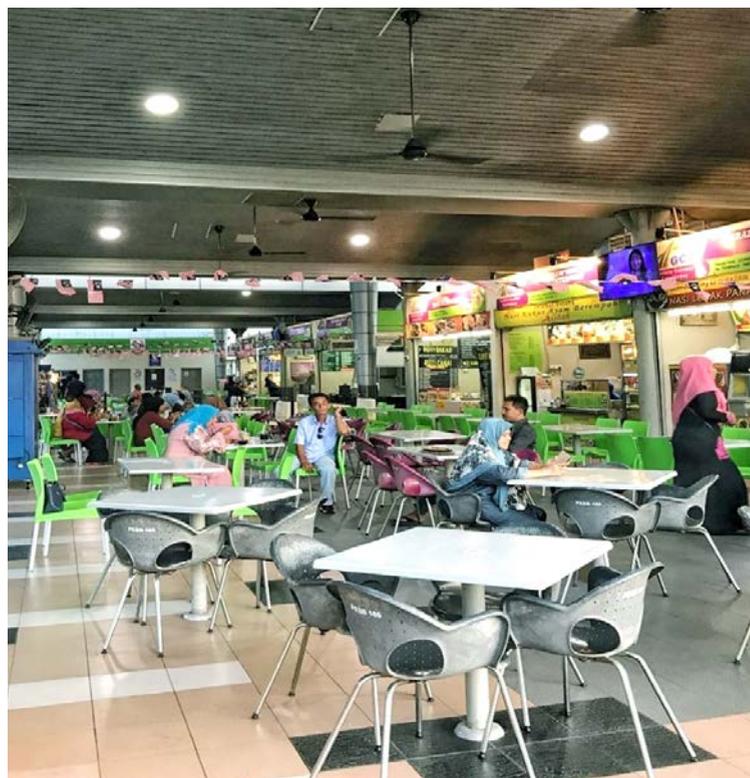
EN. MOHD ZAKI BIN ZAINI
Stall Operator



Variety of snacks sold at RSA Elmina.

ECONOMIC CONTRIBUTION

RSA Elmina Before Rejuvenation



RSA Elmina After Rejuvenation



TESTIMONIAL 2

“ The Elmina RSA offers various food options at its stalls, comfortable rest areas, and clean and spacious surau and restrooms, making it a frequent stop for my family during travels. ”

EN. AZMAN TUKIMIN
PROLINTAS Highway User

MOVING FORWARD

We aim to improve and strengthen our offerings and services so that we continue to create long-term economic value for our stakeholders and contribute to the development of the Malaysian economy. Our commitment to sustainable growth involves improving, maintaining the good conditions of our highways and facilities to encourage more commuters and businesses to benefit from it, as well as leveraging innovation and technology excellence to provide greater safety and convenience to our stakeholders, thereby creating value.

SUSTAINABLE SUPPLY CHAIN



→ A contractor carrying out maintenance works.

→ GRI STANDARDS

GRI 308:
Supplier Environmental Assessment

GRI 414:
Supplier Social Assessment

GRI 204:
Procurement Practices



- Target 8.3
- Target 8.7
- Target 8.8
- Target 12.7

→ WHY IT MATTERS

PROLINTAS places high importance on promoting responsible sourcing and maintaining a sustainable supply chain for transparency and good governance. In the course of our work, we offer commercial opportunities to business partners and vendors. We indirectly employ thousands across the entire supply chain involved in the construction and maintenance of our highways.

KEY HIGHLIGHTS

Sourcing goods and services from **local service providers.**

Local contractors awarded with projects in 2022 **165 nos.**



SUSTAINABLE SUPPLY CHAIN

OUR APPROACH

PROLINTAS prioritises sourcing goods and services from local suppliers and service providers, focusing on preventing or minimising environmental and social impacts associated with the supply chain, as well as maintaining fair commercial relations with our suppliers and service providers. We employ fair procurement practices to ensure that we partner with efficient vendors who can deliver the best performance to support our operations.

OUR PROGRESS

1. Responsible Procurement Processes

To achieve optimal quality and cost in procuring products, works and services, PROLINTAS prioritises competitive procurement processes that promote transparency and accountability, while providing vendors with a fair opportunity to bid for jobs.

Our procurement practices are guided by the PROLINTAS Procurement Standard Operating Procedures, which outlines how purchasing methods are conducted. All tenders with value above RM500,000 are conducted via open tenders unless specified for identified or specialised scope.

Open Tender

- By default, Open Tenders are adopted for procurement requests

Selective Tender

- Selective Tender for procurement requests that are specialised in nature, or if an open tender cannot be adopted for any reason

PROLINTAS
GROUP OF COMPANIES
PROJEK LINTASAN KOTA HOLDINGS SDN BHD
(CO REG NO. 331374-X)

DASH **TURNPIKE SYNERGY**

TENDER NOTICE

TURNPIKE SYNERGY SDN. BHD. extend our invites for experienced and qualified contractors to participate in tender for the services described below and meet the following criteria:

CRITERIA

- Registered with Companies Commission Malaysia ("CCM"), Ministry of Finance Malaysia (MOF) and Ministry of Home Affairs which is still valid and allowed to tender at the point of tender.
- Priority is given to the company with experience in providing Security Services within the last FIVE (5) years. The company with the experience in providing the similar services for highway industry will also be prioritised.
- Bumiputera status companies is an added advantage.
- Consortium or Joint Venture ("JV") company is not allowed to participate in the tender.
- Possess good financial capacity and sufficient credit facilities to perform the services.

The tender details as tabulated below:

TENDER NO.	TENDER TITLE	REGISTRATION REQUIREMENTS	TENDER BRIEFING (MANDATORY)	SELLING OF TENDER DOCUMENTS	DOCUMENTATION FEES	SUBMISSION AND CLOSING DATE & TIME OF TENDER DOCUMENTS
TURNPIKE/ICM/DASH/2022/02	ROUTINE SECURITY SERVICES FOR ADMINISTRATION BUILDING, TOLL PLAZA BUILDING AND REST & SERVICE AREA AT DAMANSARA-SHAH ALAM ELEVATED EXPRESSWAY (DASH) FOR PROJEK LINTASAN DAMANSARA-SHAH ALAM SDN BHD	Registered with Ministry of Finance Malaysia (MCF: 220801) AND Ministry of Home Affairs Malaysia (KDN) under Private Agency Act 1971 (Lisense 2 (a)). Note: Please provide all valid Original and Certified True Copy of the relevant registration certificates during purchasing of tender	Date: 7 October 2022 (Friday) Time: 10:00 am Via: "MICROSOFT TEAMS" platform (Online) Tenderers are required to access the link or scan the QR Code below to enter the online Tender Briefing: https://bit.ly/3L5K8XN	Location: TURNPIKE SYNERGY SDN BHD Tingkat 22, Menara PNB, 201-A, Jalan Tun Razak, 50400, Kuala Lumpur. Date: 11 October 2022 (Tuesday) until 14 October 2022 (Friday) During Office Hour 9.00am - 12.30pm 2.30pm - 5.00pm	RM300.00 (Ringgit Malaysia) Three Hundred Only (Non-Refundable) In the form of Bank Draft or Bankers Cheque only Made payable to: "TURNPIKE SYNERGY SDN BHD."	Location: TURNPIKE SYNERGY SDN. BHD. Tingkat 22, Menara PNB, 201-A, Jalan Tun Razak, 50400, Kuala Lumpur. Date: 20 October 2022 (Thursday) Not later than 12.00 noon (Local Time) Tender Document submitted later than the date and time mentioned above will be disqualified

III. TENDER BRIEFING & SALE OF TENDER DOCUMENTS
Virtual tender briefing will be held as stated above. Attendance is COMPULSORY and shall be attended by maximum two (2) representatives only. The Tender Documents will only be sold to Tenderers who attended the Tender Briefing. The Tender Documents are made available for purchase from the date, time & venue as specified in the above table. The representative shall adhere to the National Recovery Plan (NRP) guidelines issued by the government.
The Tender Document will only be sold to a "bona fide" representative of the Tenderer. For this purpose, a Letter of Authorisation to purchase the Tender Document MUST be produced by the Tenderer representative together with valid ORIGINAL and CERTIFIED TRUE COPY (certified by the Company Secretary or the Government Grade A Officer) of the relevant registration certificates as stated in the tender requirement to confirm Tenderer qualification. Tenderer representative SHALL NOT be allowed to purchase Tender Document without all the documents mentioned above.

IV. DATE, TIME AND LOCATION FOR SUBMISSION OF TENDER
Tender Documents that have been duly completed and signed must be inserted in sealed envelopes, shall be properly labelled on the top left hand side corner of the envelope with Tender Title and Tender No. as stated above, and shall be deposited in the TENDER BOX at TURNPIKE SYNERGY SDN. BHD., Level 22, Menara PNB, 201-A, Jalan Tun Razak, 50400 Kuala Lumpur. Tender Bond must be submitted with Tender Document in the form of Bank Cheque or Banker Draft in favour of TURNPIKE SYNERGY SDN. BHD. The representative shall adhere to the National Recovery Plan (NRP) guidelines issued by the government.

V. TURNPIKE SYNERGY SDN. BHD. / PROJEK LINTASAN DAMANSARA-SHAH ALAM SDN BHD / PROJEK LINTASAN KOTA HOLDINGS SDN BHD. is not bound in any way and does not have to accept the lowest tender, reserves the right to reject or accept any application and cancel the tender process and reject all applications without any liability or responsibility to inform such action to the tenderer involved, and shall not be liable for any expenses incurred by the tenderer when preparing and completing this Tender Documents.

VI. Any queries pertaining to this tender shall be e-mailed to tendersecretary@prolintas.com.my. For more information on PROLINTAS Group of Companies, please visit our website at www.prolintas.com.my.

PROLINTAS
GROUP OF COMPANIES
PROJEK LINTASAN KOTA HOLDINGS SDN BHD
(CO REG NO. 331374-X)

IGCE **TURNPIKE SYNERGY**

TENDER NOTICE

TURNPIKE SYNERGY SDN. BHD. extend our invites for experienced and qualified contractors to participate in tender for the services described below and meet the following criteria:

CRITERIA

- Registered with Companies Commission Malaysia (CCM) and Construction Industry Development Board (CIDB) under Grade, Category and Specialisation as specified. Licenses are still valid and allowed to tender at the point of tender.
- Priority is given to contractor with experience in construction and completion of road and bridge works with a minimum value RM50 Million in a single contract completed within the last TEN (10) years.
- Bumiputera status companies is an added advantage.
- Consortium or Joint Venture (JV) company is allowed to participate in the tender.
- Have good financial history and sufficient credit facilities to perform the works.

The tender details as tabulated below:

TENDER NO.	TENDER TITLE	REGISTRATION REQUIREMENTS	TENDER BRIEFING (MANDATORY)	SELLING OF TENDER DOCUMENTS	DOCUMENTATION FEES	SUBMISSION AND CLOSING DATE & TIME OF TENDER DOCUMENTS
TURNPIKE/IGCE/T02022/07	PROPOSED CONSTRUCTION OF STRAIGHTHAULE INTERCHANGE AT GUTHRIE CORRIDOR EXPRESSWAY (GCE) FOR PROLINTAS EXPRESSWAY SDN. BHD.	CIDB Grade G7 Category CE Specialisation CE01, CE02 and CE21 Note: Please provide all valid Original and Certified True Copy of the relevant registration certificates during purchasing of tender	Date: 14 November 2022 (Monday) Time: 10:00 am Via: "MICROSOFT TEAMS" platform (Online) Tenderers are required to access the link or scan the QR Code below to enter the online Tender Briefing: https://bit.ly/3D9P8qT	Location: TURNPIKE SYNERGY SDN BHD Tingkat 22, Menara PNB, 201-A, Jalan Tun Razak, 50400, Kuala Lumpur. Date: 16 November 2022 (Wednesday) until 23 November 2022 (Wednesday) During Office Hour 9.00am - 12.30pm 2.30pm - 5.00pm	RM1,000.00 (Ringgit Malaysia) One Thousand Only (Non-Refundable) In the form of Bank Draft or Bankers Cheque only Made payable to: "TURNPIKE SYNERGY SDN. BHD."	Location: TURNPIKE SYNERGY SDN. BHD. Tingkat 22, Menara PNB, 201-A, Jalan Tun Razak, 50400, Kuala Lumpur. Date: 7 December 2022 (Wednesday) Not later than 12.00 noon (Local Time) Tender Document submitted later than the date and time mentioned above will be disqualified

III. TENDER BRIEFING & SALE OF TENDER DOCUMENTS
Virtual tender briefing will be held as stated above. Attendance is COMPULSORY and shall be attended by maximum two (2) representatives only. The Tender Documents will only be sold to Tenderers who attended the Tender Briefing. The Tender Documents are made available for purchase from the date, time & venue as specified in the above table. The representative shall adhere to the National Recovery Plan (NRP) guidelines issued by the government.
The Tender Document will only be sold to a "bona fide" representative of the Tenderer. For this purpose, a Letter of Authorisation to purchase the Tender Document MUST be produced by the Tenderer representative together with valid ORIGINAL and CERTIFIED TRUE COPY (certified by the Company Secretary or the Government Grade A Officer) of the relevant registration certificates as stated in the tender requirement to confirm Tenderer qualification. Tenderer representative SHALL NOT be allowed to purchase Tender Document without all the documents mentioned above.

IV. DATE, TIME AND LOCATION FOR SUBMISSION OF TENDER
Tender Documents that have been duly completed and signed must be inserted in sealed envelopes, shall be properly labelled on the top left hand side corner of the envelope with Tender Title and Tender No. as stated above, and shall be deposited in the TENDER BOX at TURNPIKE SYNERGY SDN. BHD., Level 22, Menara PNB, 201-A, Jalan Tun Razak, 50400 Kuala Lumpur. Tender Bond must be submitted with Tender Document in the form of Bank Cheque or Banker Draft in favour of TURNPIKE SYNERGY SDN. BHD. The representative shall adhere to the National Recovery Plan (NRP) guidelines issued by the government.

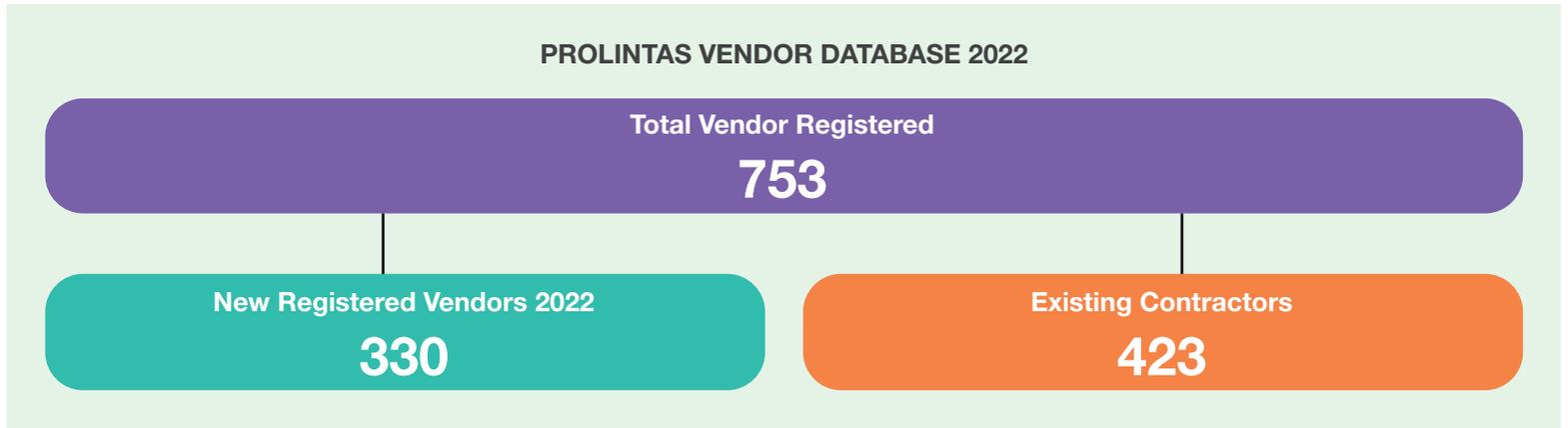
V. TURNPIKE SYNERGY SDN. BHD. / PROLINTAS EXPRESSWAY SDN. BHD. / PROJEK LINTASAN KOTA HOLDINGS SDN. BHD. is not bound in any way and does not have to accept the lowest tender, reserves the right to reject or accept any application and cancel the tender process and reject all applications without any liability or responsibility to inform such action to the tenderer involved, and shall not be liable for any expenses incurred by the tenderer when preparing and completing this Tender Documents.

VI. Any queries pertaining to this tender shall be e-mailed to tendersecretary@prolintas.com.my. For more information on PROLINTAS Group of Companies, please visit our website at www.prolintas.com.my.

SUSTAINABLE SUPPLY CHAIN

2. Strengthening Vendor Database

We prioritise a sustainable supply chain, offering opportunities for local vendors to establish a business relationship with PROLINTAS. In 2022, we focused on strengthening our vendor database against these commitments to ensure that we work with a pool of eligible vendors that are aligned to our principles and can support our highways' operations.



3. Procurements Awarded in 2022

We work with contractors who are certified by the Construction Industry Development Board (CIDB), Malaysia's construction industry regulator. In 2022, 165 contractors were awarded projects by PROLINTAS.

CIDB GRADE	Tender Capacity Based on CIDB Grade	Contractors Registered	Contractors AWARDED in 2022
G1	Tender limit does not exceed RM200,000.00	125	11
G2	Tender limit does not exceed RM500,000.00	101	13
G3	Tender limit does not exceed RM1,000,000.00	125	29
G4	Tender limit does not exceed RM3,000,000.00	112	21
G5	Tender limit does not exceed RM5,000,000.00	58	13
G6	Tender limit does not exceed RM10,000,000.00	17	4
G7	No Limit Tender	84	26
OTHERS	Scope of Service Does not required for CIDB License	133	48
TOTAL		753	165

The procurement for new development along our highways also emphasise the adoption of numerous green technology initiatives as part of our unwavering commitment to ensure sustainable development such as the smart LED lighting, solar system, rainwater harvesting and EV charging system.



4. E-Procurement system

Our e-procurement practices aim to expedite tender evaluation, reduce errors, and improve our environmental impact by reducing paper reliance. This initiative is planned to be carried out in 2023.

5. Sustainable Procurement

Ensure product sustainability, materials sustainability, and vendor practices. New and existing vendors must provide appropriate certification for their management system, with preference given to vendors with environmental certification such as ISO 14001.

6. Buying local and promoting local partners in the supply chain

Provide transparent and fair procurement processes that support local vendors and promote good environmental and social performance throughout the supply chain. We place great emphasis on sourcing products and services from local vendors that adhere to the standards we set. In some cases, we support local businesses and capability-building initiatives to achieve these standards. We also ensure that our vendors comply with the Supplier Code of Conduct, which addresses issues such as business ethics, labour standards and human rights. Preference is also given to Bumiputra vendors.

7. Management of vendor relations

PROLINTAS believes that vendors are important players in the supply network. We emphasise the importance of cooperation and urge them to see us as allies. To maintain healthy vendor relationships, we have moved to a more comprehensive strategy that begins with transparent communication. Through formal and informal meetings, we engage in frequent exchanges with our vendors. We closely consider feedback from our vendors and pay attention to any difficulties they may have. Supply chain partners are free to address their complaints to us through one of our whistleblowing channels. As long as the report is made in good faith, whistleblowers are protected from adverse action or treatment. The identity of whistleblowers is protected by applicable legislation.

MOVING FORWARD

We endeavour to put in place a green procurement policy to improve the impact of our purchases to the environment, social and financial. We will continue with efforts to support and strengthen the local contractor pipeline to maintain a sustainable supply chain. We prioritise fair procurement practices and are committed to taking active steps to improve our objective and independent tendering processes. We will also conduct regular assessments to ensure that the vendors and partners who work with PROLINTAS are aligned in their sustainability and ESG commitments, to ensure they meet our governance and environmental standards.



➔ Network session between vendor and banker on financial facilities during Vendor Development Programme open day.

ETHICS AND INTEGRITY



→ The Group Chief Executive Officer delivering his speech at an employee engagement session.

KEY HIGHLIGHTS

Robust corporate governance practices to **maintain high standards of integrity** across all aspects of our operations

Won **Gold Award** in Integrity, Governance and Anti-Corruption Award 2022 by the Malaysian Institute of Integrity

Achieved a two-tier improvement in its 2022 **Corruption Risk Rating** by the Malaysian Anti-Corruption Commission (MACC), moving down from a High to a Medium

→ GRI STANDARDS

GRI 205:
Anti-corruption

GRI 206:
Anti-competitive Behaviour

GRI 415:
Public Policy



- Target 16.5
- Target 16.6
- Target 16.7

→ WHY IT MATTERS

We adhere to a strict code of ethics and unwavering integrity in our business dealings which are crucial to underpin the trust that our valued stakeholders have in PROLINTAS. Unethical business practices can undermine our ability to create shareholder value in our business and negatively impact the economy, environment and society. We have a duty to ensure to uphold the law and conduct our business ethically, as well as ensure our vendors, contractors and suppliers do the same.



ETHICS AND INTEGRITY

OUR APPROACH

Corporate Governance



Transparency and Accountability



Management Board, Supervisory Board and Committees



Value and Ethics



Policies and Regulatory Framework



Monitoring and Internal Control



Risk and Performance Management

PROLINTAS upholds its commitment to ethics and integrity by implementing robust corporate governance practices to maintain high standards of integrity across all aspects of our operations. Environmental awareness, ethical behaviour, corporate strategy, compensation, and risk management are among the areas covered by corporate governance. We adopt a zero-tolerance approach to ethical issues related to integrity, such as corruption and bribery.

PROLINTAS Corporate Governance Principles



Tone from the top signifies commitment from the Top Management and the Board of Directors that is fundamental in building a resilient organisation in the strive towards Sustainable Growth.

Our operations adopt utmost adherence of good governance, which contributes to achieving **sustainable business strategies**.



Good governance is considered a material matter to **PROLINTAS's long-term success**.

Our corporate governance system is built on the principles of Ethics, Transparency, Accountability, and Responsibility.



Our **Board of Directors** is responsible for oversight, sound management and **strategic direction** while the **Management** is committed to ensuring we **conduct our business ethically** and to the **highest standards of corporate governance**.



To align our approach with best practice corporate governance and regulatory developments in PROLINTAS, **governance related departments will periodically review and update** our corporate governance documents and practices.

CORE VALUES

Transparency • Responsibility
Uncompromising • Sincerity • Trustworthy

OUR MISSION

INTEGRITY
is my **MISSION** | my **ACTION** | my **PRIDE**

ETHICS AND INTEGRITY

The ultimate responsibility to drive high standards of corporate governance rests with the Board of Directors. The Board has the authority to convey its vision and direction and prioritise corporate governance via its Audit Committee.

A three-line defence model is adopted within the Audit Committee to ensure rigorous corporate governance.



These functions work together to assist the Board in upholding stringent standards of corporate governance. Our Board Charter was developed in line with the Malaysian Code of Corporate Governance (MCCG) and delineates the duties and obligations of the Board and its Committees.

OUR PROGRESS

1. Frameworks and Controls

We have a comprehensive framework in place with standards, policies and guidelines that are regularly reviewed:

- Code of Business Ethics and Conduct
- No Gift Policy
- Anti-Bribery and Corruption Policy
- Whistleblowing Policy
- Supplier Code of Conduct
- Declaration of Assets Policy
- Declaration of Interest Policy
- Facilitation Policy
- Hospitality Policy
- Charitable Donation Policy
- Sponsorship Policy
- Support Request Policy
- Political Contribution Policy
- Due Diligence Policy
- Integrity Pact policy

2. Elevating Awareness and Adoption of Good Corporate Governance

The IGD takes the lead in conducting awareness and training across the organisation to foster better adoption of good corporate governance practices. Despite the upheaval in working arrangements from the pandemic a few years ago, IGD implemented innovative ways to continue its training and awareness programmes virtually.

In 2022, the department continued to use video-based learning (VBL), which was introduced during the pandemic, which is more engaging, interactive and productive compared to traditional classroom-style learning methods, allowing employees to learn more effectively and efficiently. This approach has also contributed to productivity as it cuts down on unnecessary travel for classroom training and reduces training costs as the online modules can be used repetitively.

The use of VBL has made the training sessions paperless and conducted virtually, which is another meaningful approach to contributing to PROLINTAS's sustainability progress.



3. Charting Achievements in Corporate Governance

→ Won Gold Award in AIGA 2022

PROLINTAS was honoured to receive the GOLD Award for the Integrity, Governance and Anti-Corruption Award 2022 (AIGA 2022). The AIGA 2022, organised by the Malaysian Institute of Integrity (IIM), aims to recognise and celebrate companies committed to upholding good corporate governance practices. A team of qualified auditors and an experienced panel from various industries conducted the evaluation process for AIGA 2022.

The award is a testament to PROLINTAS's unwavering commitment to ethics and integrity in its business and operations. Furthermore, PROLINTAS made history for being the first highway operator in Malaysia to receive a Gold category award at the AIGA 2022.

→ Improved 2022 Corruption Risk Rating by MACC

PROLINTAS achieved a two-tier improvement in its 2022 Corruption Risk Rating by the Malaysian Anti-Corruption Commission (MACC), moving down from a High to a Medium rating. This achievement is particularly noteworthy given the high-risk nature of the business. The improved risk rating demonstrates PROLINTAS's stringent controls and anti-corruption policies that are in place, which align with regulatory requirements and best practices. The achievement is a testament to PROLINTAS's commitment to creating a corruption-free work environment and promoting ethical business practices.

→ Recognised for Implementing the Declaration of Assets Policy

The Malaysian Anti-Corruption Commission (MACC) recognised PROLINTAS as one of the few government-linked companies (GLCs) to have implemented the Declaration of Assets Policy. This is part of PROLINTAS's proactive approach to promoting the disclosure policy, which has been rolled out to its senior management as the first step before introducing it to all employees.

The Declaration of Assets Policy is another reflection of PROLINTAS's commitment to eradicating corruption, including the possibility of the abuse of power, and upholding transparency and good corporate governance values throughout the organisation.

→ Acknowledged for Promoting Integrity by MACC

PROLINTAS has received recognition from the MACC for its commitment to promoting integrity initiatives across the organisation. PROLINTAS successfully fulfilled the requirements of the Corporate Integrity System Malaysia (CISM) and achieved an overall performance rating of 100%.

→ Assurance Audit for ISO 37001:2016 (ABMS)

In 2020, PROLINTAS became the first highway concession in Malaysia to receive a full-fledged certification for Anti-Bribery Management System ISO 37001:2016 (ABMS). For the year under review, SIRIM QAS International, a certification, inspection, and testing company that provides quality and compliance services to various industries,

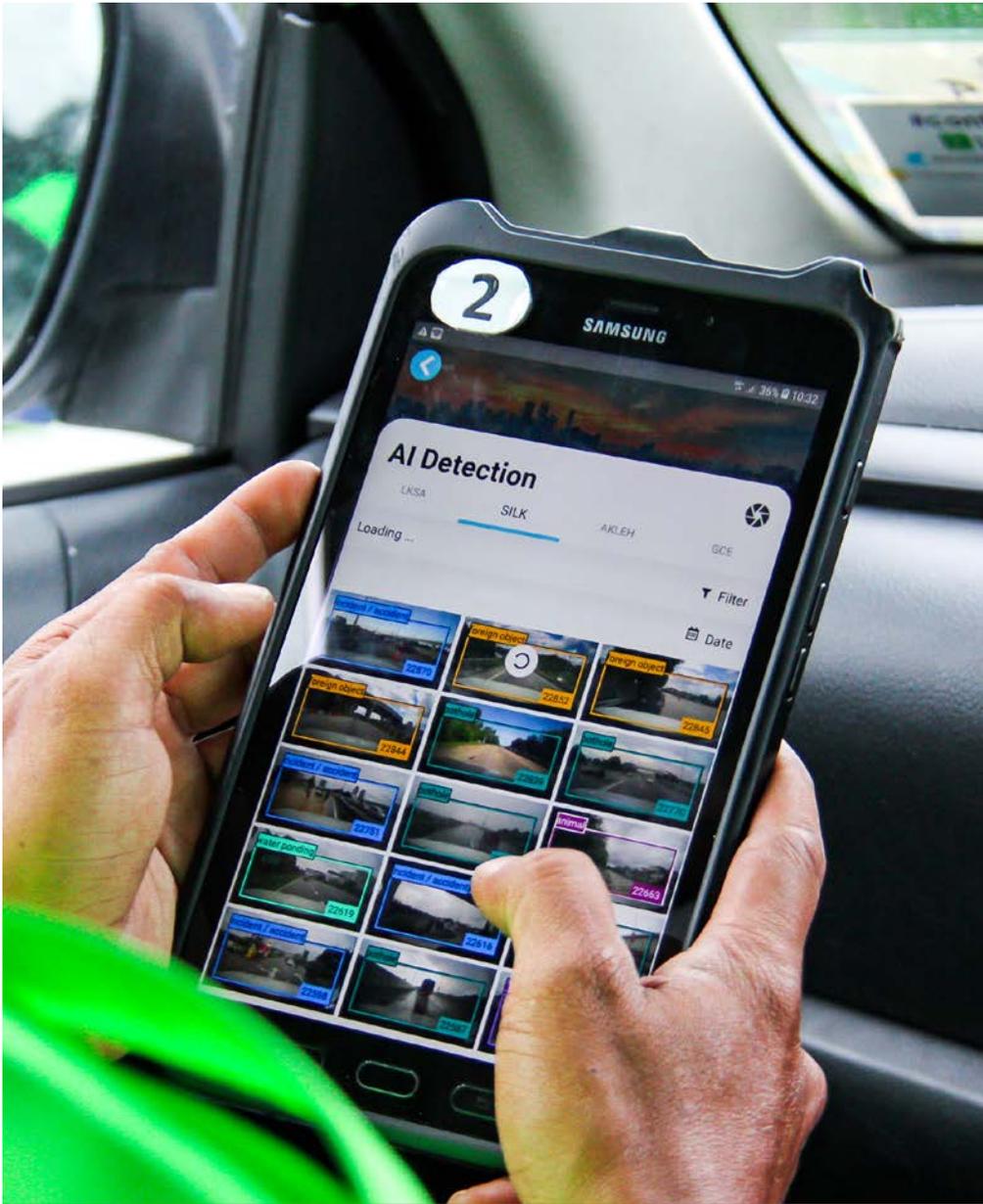
successfully completed the ABMS surveillance audit on PROLINTAS. This audit aimed to assess PROLINTAS's compliance with the requirements of the ABMS's requirements, which outlines the necessary measures that organisations must take to prevent and detect bribery and corruption. The audit results were positive and showed that PROLINTAS was free of any Non-conformance reporting (NCR), demonstrating the effectiveness of the controls in place.

The audit involved a thorough review of PROLINTAS's anti-bribery policies, procedures, and practices to ensure they aligned with the ABMS's requirements. By passing the audit, PROLINTAS has demonstrated its commitment to maintaining a robust anti-bribery management system and its ability to prevent and manage the risk of bribery and corruption effectively. This achievement enhances the company's credibility and reputation to its stakeholders.

MOVING FORWARD

PROLINTAS will continue with efforts to enhance and progress the stringent adoption of ethics and integrity matters across the organisation. We will continuously review our internal controls and framework regularly to prevent unethical practices. Moreover, PROLINTAS will continue its awareness and advocacy approach within the organisation to build a culture of transparency and accountability, and ensure that employees who breach ethical standards are held accountable for their actions.

ROAD USER WELL-BEING



➡ A patrolman leveraging Artificial Intelligence to aid in highway patrolling.

→ GRI STANDARDS

GRI 416:
Customer Health and Safety



• Target 3.6



• Target 9.1
• Target 9.4

→ WHY IT MATTERS

The safety and well-being of those who use our highways are important to us. We want our highways to provide them with a reliable and safe journey, to reach their destinations without any mishaps and on time while experiencing smooth travel. The safety and convenience that they experience will ensure their continued use of our highways for years to come.

KEY HIGHLIGHTS

Provide Road Users with a reliable and safe journey to reach destinations

Reduction of Traffic Accident Rate to **4.1 case per million** vehicles

Anomalies detected in 2022
770 issues in all nine categories



ROAD USER WELL-BEING

OUR APPROACH

The condition of road structures can affect road users' safety, physical and mental health, and overall comfort. We strive to provide well-maintained infrastructure and amenities to mitigate and proactively manage road maintenance, traffic congestion, and ensure safe and adequate rest areas with amenities for comfort and convenience. Our emphasis on safety also applies to our interactions with our stakeholders, including project site safety. Our strategy includes leveraging innovation and smart technologies to enhance our safety measures and embedding safety targets within our Corporate Scorecard.

OUR PROGRESS

1. Road Traffic Safety

Road safety is our top priority, and we ensure we provide safe road networks for those who travel and work on our roads. Round-the-clock monitoring and surveillance are conducted by traffic controllers at the Traffic Management Centre (TMC) and the Group's Auxiliary Police via CCTV and patrolling. The roads are constantly monitored and maintained on a proactive basis to prevent, detect and rectify poor road conditions or any occurrences that may make the road impassable or unsafe, such as landslides, floods or potholes.

We have also enhanced safety measures in accident-prone areas, working closely with our regulator, the Malaysian Highway Authority (MHA) to identify accident causes so that the right technical improvements can be instituted to improve safety and lower accident rates. These measures include early warning systems of road conditions. Since 2021, we have not been flagged by the MHA for any blackspot or accident-prone areas.

With the opening of two new highways, SUKE and DASH, in the year in review, and the normalisation of traffic following the upliftment of the pandemic-related movement control orders, traffic was on an upsurge. While we recorded 700 accidents in 2022, the rate of accidents against the rising volume of traffic reduced to 4.1 in 2022 compared to 5.3 in 2021, while the fatality rate reduced to 0.10 against 0.14 in 2021. This is due to our unwavering commitment to highway safety, we are consistently enhancing our safety features, providing extensive training, and swiftly responding to any safety concerns that may arise for our highway users.



ROAD USER WELL-BEING

2. Safety Features on our Roads

Preventive safety features are integrated into our roads and on our highways. They include:

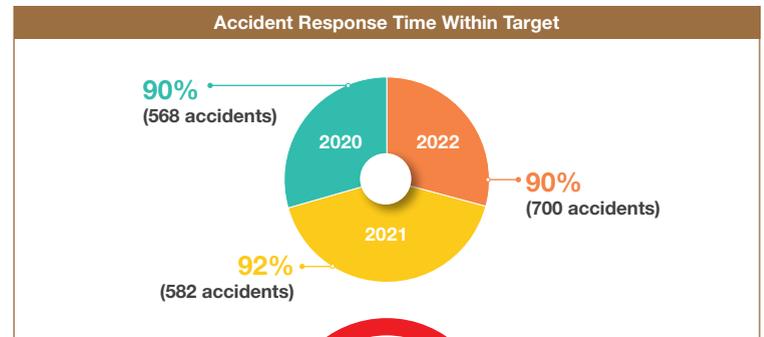
- ➔ Road and directional signboards and signages, warning signs, flexible barriers on motorcycle lanes to protect motorcyclists, digital signboards displayed at strategic locations to flash emergency and road assistance hotline numbers to provide rapid response when required
- ➔ Installation of Emergency Median Opening Systems to create openings in the median as cross-over emergency lanes and guardrails
- ➔ Solid lines between lanes to encourage straighter driving and fewer lane crossings
- ➔ Rumble-stripped roads to warn motorists against speeding around curves
- ➔ Flexible post and dedicated lane
- ➔ Bright LED street lightings and illumination
- ➔ Raised reflective markers (cat's eyes) and reflective signages
- ➔ Use of robotic flagger instead of people to direct road traffic to reduce exposure of human personnel at accident sites



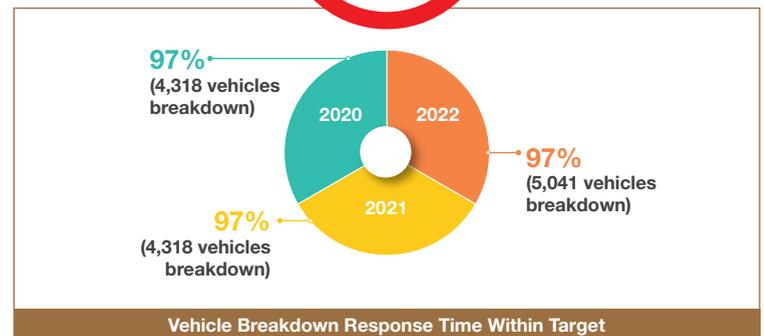
➔ Flexible safety post, reflective safety signage and road and directional signboard at DASH Highway.

3. Providing Rapid Response to Emergencies

We strive to deliver prompt and rapid response for vehicle breakdowns and emergencies with trained Emergency Response Team (ERT) and patrolmen to assist road users in accidents. We have round-the-clock traffic patrolmen utilising a fleet of 47 vehicles of electric motorbikes (e-bikes), motorcycles, patrol cars, lorries and tow trucks to constantly monitor the road and provide assistance immediately.



**Within
10
Minutes**



TESTIMONIAL 1



“ Help came immediately within 5 minutes after my vehicle broke down on Kajang SILK highway. The PROLINTAS Auxiliary Police set up safety cones for traffic control and helped me call a tow truck. Thank you for the prompt and professional service. ”

EN. ZAIDI ABDULLAH
PROLINTAS Highway User



➔ All our Auxiliary Police are properly trained to control traffic during emergency situations.

We constantly review and make improvements to our Emergency Response Plan that outlines effective response and recovery approaches for emergency situations, protecting road users and our employees, and minimising property and environmental damage in line with the emergency protocol established by the MHA. PROLINTAS established the multilevel Incident Command System depending on the urgency of the incident as follows:

Level

1

- One lane closing
- Property damage or minor injury
- Short road condition recovery time
- Clearance time less than two hours

Level

2

- Serious injury or fatal
- One or more lane closing
- Unusual traffic congestion
- Clearance time between two and four hours

Level

3

- Unusual traffic accident
- Flood, natural disaster or any serious disruption
- Requires expert or heavy machineries for road clearance
- Clearance time more than four hours

Level

4

- Disasters and crises which are sudden where the consequences are too serious and destructive
- Any incident that disrupts the Company's operation for more than four hours
- Any incident stated in Arahan 20 Majlis Keselamatan Negara (Disasters)

TESTIMONIAL 2



“

My vehicle ran out of fuel and battery on Kajang SILK highway. I called the PROLINTAS hotline and help arrived within 5 minutes. They redirected traffic, set up safety cones, contacted tow truck services, and provided prompt and professional service, assuring my safety.

”

ENCIK NABIL
PROLINTAS Highway User

4. Safety Benchmarked to Global Best Practices

Our safety approach follows international best practice standards, being the first highway operator in Malaysia to be accredited with the international ISO 39001:2012 Road Traffic Safety Management System (RTSMS) in 2020. We also achieved the global standards of ISO 9001: 2015 Quality Management Systems and ISO 45001:2018 Occupational Health and Safety Management Systems certification.

ROAD USER WELL-BEING

5. Traffic Safety Promotion and Awareness

05/01/2022

Apa Yang Harus Anda Lakukan Sekiranya Berhadapan Dengan Pembuli Jalan Raya

APA YANG HARUS ANDA LAKUKAN SEKIRANYA BERHADAPAN DENGAN PEMBULI JALAN RAYA

1. Beri ruang jalan atau laluan kepada pemandu kenderaan (pembuli jalan raya) yang ingin memotong kenderaan anda
2. Elakkan daripada membalas pandangan mata atau berteriak atau membuat isyarat tangan yang tidak elok
3. Jaga jarak kenderaan dan jangan mengekori kenderaan pembuli jalan raya dalam jarak yang dekat
4. Buat laporan polis dengan menyertakan bukti seperti rakaman (video kenderaan pembuli jalan raya)

11/01/2022

Siapakah Yang Boleh Menggunakan Lorong Kecemasan?

Lorong Kecemasan hanya untuk KECEMASAN, bukan untuk kenderaan lain

Siapa yang boleh menggunakan **LORONG KECEMASAN**?

- Ambulans
- Polis
- Jabatan Bomba dan Penyelamat
- Agensi Penguat Kuasa lain yang berkaitan

Sentiasa **KOSONGKAN LORONG KECEMASAN** bagi membolehkan:

- bantuan tiba dengan cepat
- kenderaan yang terlibat dalam kemalangan dapat dialihkan dengan segera
- masalah trafik dapat diselesaikan dengan cepap

PATUHI UNDANG-UNDANG!

Menggunakan lorong kecemasan ialah satu kesalahan yang boleh didenda tidak lebih daripada **RM1,000** atau dikenakan hukuman penjara selama tidak melebihi **6 BULAN** atau kedua duanya sekali, **jika sabit kesalahan.**

11/02/2022

Tanda-Tanda Awal Brek Anda Perlu Diperiksa

TANDA-TANDA AWAL BREK ANDA PERLU DIPERIKSA

- TERDENGAR BUNYI**: Bunyi nyaring, bergeser atau ketukan ketika menekan brek.
- PEDAL RENDAH**: Pedal brek mencecah ke lantai apabila menekan brek.
- KURANG CENGGAMAN**: Jarak kenderaan anda untuk berhenti semakin bertambah.
- BAU TERBAKAR**: Akan terhidu bau seperti terbakar di bahagian belakang kenderaan.
- TIDAK SEIMBANG**: Kenderaan tertarik ke bahagian kiri atau kanan jalan apabila menekan brek.
- PEDAL TINGGI**: Pedal brek keras dan brek perlu ditekan dengan kuat.
- BERGETAR**: Stereng dan pedal brek bergetar setiap kali menekan brek.
- LAMPU AMARAN**: Lampu brek akan terus menyala pada papan pemuka kenderaan.

18/05/2022

Tips Keselamatan Jika Berlaku Kerosakan Kenderaan Di Lebuh Raya

Tip Keselamatan: JIKA BERLAKU KEROSAKAN KENDERAAN DI LEBUH RAYA

Jangan cuba untuk membaiki kenderaan anda di lorong kecemasan lebuah raya kerana itu sangat berbahaya!

- DAPATKAN BANTUAN DI LEBUH RAYA**: Hubungi talian kecemasan lebuah raya dan beritahu lokasi anda.
- PAKAI JAKET PANTUL CAHAYA**
- JANGAN BAIKI KENDERAAN ANDA DI LALUAN KECEMASAN LEBUH RAYA**
- JIKA BERLAKU KEROSAKAN YANG BESAR**: Hubungi syarikat insurans kenderaan anda untuk bantuan penunda.
- NYALAKAN LAMPU KECEMASAN**
- TUNGGU DI BELAKANG PENGHADANG JALAN**
- BERHENTIKAN KENDERAAN**: Di sisi tepi lebuah raya atau di laluan kecemasan.
- BERI AMARAN LALU LINTAS**: Letakkan segi tiga pantul cahaya atau kon keselamatan serta lampu suluh sebagai isyarat amaran.

6. Mock Accident Drill

PROLINTAS has conducted a highly successful mock accident training exercise at Guthrie Corridor Expressway (GCE) KM 13.1 NorthBound on December 29th, 2022. The exercise brought together several key agencies, including PDRM Sungai Buloh, Hospital Sungai Buloh, Bomba Bukit Jelutong, and Konsortium PD Sdn Bhd, and demonstrated an impressive **response time within 10 minutes**. The focus of the training was centred around several critical areas, such as Emergency Median Opening (EMO) activation, traffic control, fire fighting, casualties rescue, and chemical spill control.

Response Time



By executing this exercise, PROLINTAS was able to thoroughly evaluate and validate its existing plans, policies, and procedures. Additionally, the event served to clarify the roles and responsibilities of employees and participating agencies during an emergency situation. The mock drill also identified any potential gaps in available resources and provided valuable training to employees on how to conduct a root cause analysis to identify the underlying causes of accidents or incidents. By addressing the root cause, PROLINTAS is better prepared to prevent similar incidents from occurring in the future, thereby improving overall safety and preparedness for both the company and its employees.



➔ Accident mock and emergency drill in collaboration with various agencies of Malaysia Emergency Response Service (MERS).

7. Leveraging Innovation for Safe Roads

Innovation and technology are integral to PROLINTAS's operations, particularly in the development of "smart highways of the future." This is reflected in the PROLINTAS's Strategic Intent, which identifies innovation and technology as one of its five core pillars. To realise this Strategic Intent, we embarked on a digital transformation journey and have made notable traction in leveraging technology to improve operational efficiency and generate value for stakeholders. PROLINTAS was the first highway operator in Malaysia to adopt ground-breaking capabilities in intelligent technology through the implementation of the Smart Surveillance System (S3) and the PROLINTAS Integrated Maintenance Escalations (PRIME).

➔ Paving the Way for a Digital Future

The landscape of our industry is changing rapidly, shaped by data and technology. We understand the significance of digital transformation and its vital role in driving growth and agility at PROLINTAS. Therefore, we have embarked on an accelerated digital transformation journey to stay ahead of the curve. Through digitalisation, we are transforming not only our operations and processes to enhance our efficiency, but also how we leverage technology to innovate solutions and services to optimise and improve the quality of our services.

PROLINTAS's digital transformation journey is centred on six guiding principles:

Strengthen highway operation through automation to enhance operational efficiency, data visibility and optimise business cost

Modernisation of business-enabling applications to embed richer functionalities, automation and architectural sophistication

Establish effective data management practices with **Data Analytics** to effectively support a data-driven organisation

Create **Sustainable Digital Culture and Workforce** to enhance business productivity and efficiency

Strengthening IT infrastructure foundation in adapting to added technological capabilities while being resilient to threats

Strengthening Governance and Compliance digitally to meet regulatory requirements and support future growth

ROAD USER WELL-BEING

→ PROLINTAS Innovation and Technology (IT) Blueprint

We are developing an IT Blueprint that will address gaps and identify opportunities to elevate previous and existing capabilities to future-proof the business, ensuring continuity while also adding value.

We have identified essential drivers to uplift our highway operations, which include introducing new technology capabilities to foster innovation and create value for our business strategy. Furthermore, we have identified key enablers to support organisation-wide digitalisation to enhance our existing environment and address any issues hindering future strategies. These enablers are accompanied by respective initiatives that will be implemented over a three-year period (2022 - 2024).



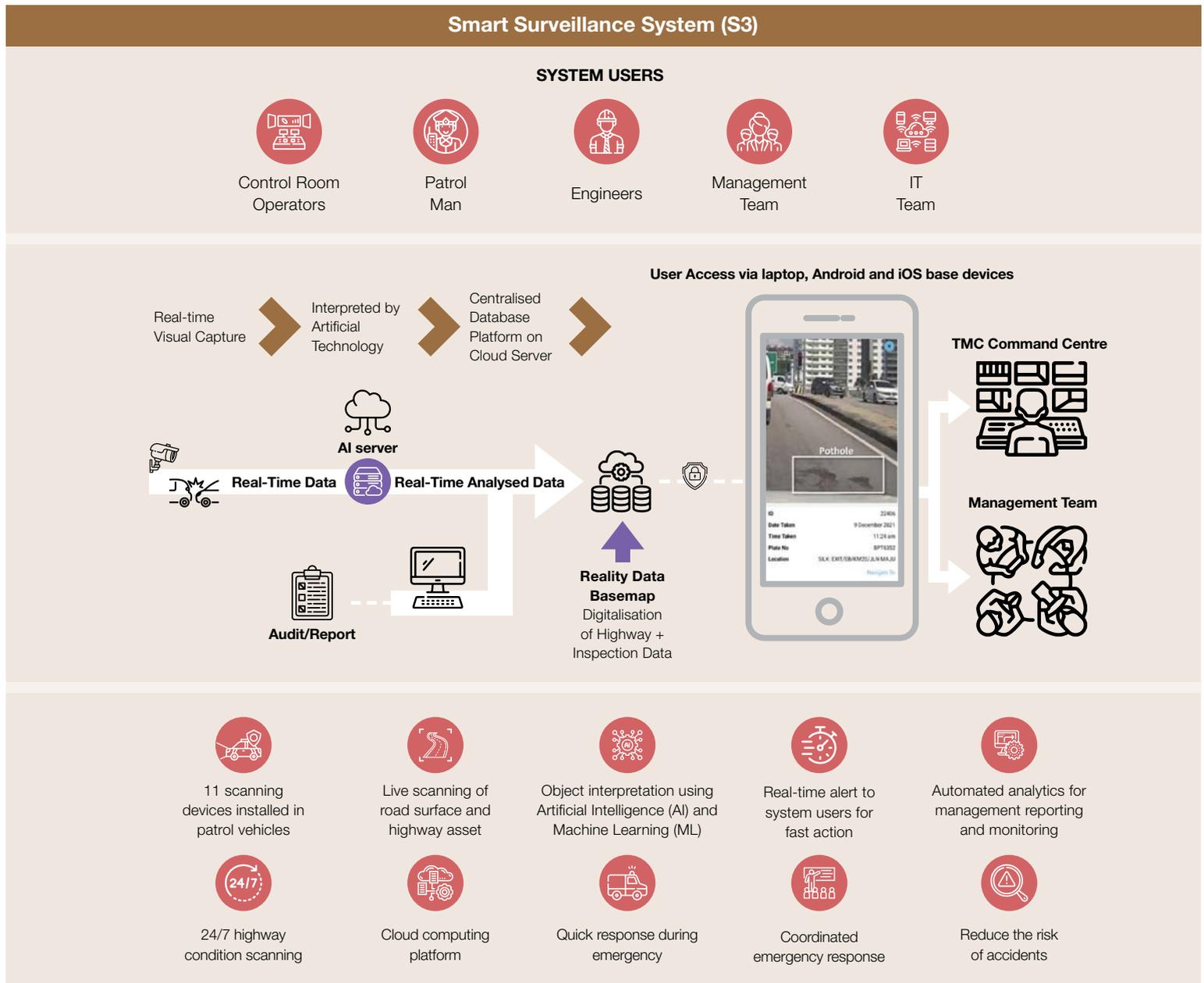
Key Highlights on Highway Operations Upgrade and Corporate-Wide Digitalisation

No	Project Name	Description	Benefits
1	Highway Asset Monitoring and Management System	A digital platform that helps to manage and maintain highway infrastructure assets such as pavements, bridges, culverts, signs, and lighting systems.	<ul style="list-style-type: none"> • Reduce the cost of maintenance • Improve the safety and convenience for users through better visibility of asset conditions
2	Slope Movement and Monitoring Sensor	Implementation of sensor devices to feed real time-data and enable early - warning indicators for any event that can potentially impact and disrupt highway operations.	<ul style="list-style-type: none"> • Enable real-time monitoring of highway assets and facilities/ amenities conditions • Reduce manual data collection and condition assessment
3	ERP Enhancement Module 1: Supplier Vendor and Management Module 2: Budget and Planning	An enhanced and integrated ERP platform that supports common functions across the business such as finance and procurement in their end-to-end processes. <ul style="list-style-type: none"> • Budget and Planning - Payment Management • Supplier Vendor Management - from source to settle (e.g. sourcing, contract management, procurement, marketplace) 	<ul style="list-style-type: none"> • Speed up business processes and transaction with stakeholders • Eliminate errors that could potentially happen during data entry tasks
4	Human Capital Management Systems	Modules for managing recruitment, onboarding, employee records, benefits administration, payroll, performance management, and other HR-related tasks.	<ul style="list-style-type: none"> • Improved Efficiency Enhanced Performance Management • Reduced costs by saving on technology costs, maintenance fees and staff time
5	Customer Analytics and Insight	Collecting, analysing, and interpreting data about customer behaviour and interactions to gain valuable insights that can be used to improve business operations, products, and services.	<ul style="list-style-type: none"> • Improved Customer Experience • Increased Customer Satisfaction and Loyalty • Enhanced Product Development
6	Enterprise Content Management Systems	Digitalised Corporate Document and Workflow Environment.	<ul style="list-style-type: none"> • Reduce paper usage by digitalising hardcopy • Centrally manage documents in single platform
7	Call Center Hotline	Platform to manage calls and feedback with road users/ customers.	<ul style="list-style-type: none"> • Maintain the quality of the operator's performance • Improve end users' communication
8	Toll Data Dashboard	Provide real-time data on traffic and company financial performance via interactive analytic dashboard.	<ul style="list-style-type: none"> • Predictive analysis for highway maintenance and asset allows for strategic cost-effective planning
9	IT Policy and Governance	Procedures and policy controls for technology implementation in the corporate and operations.	<ul style="list-style-type: none"> • Better compliance by ensuring that organisations comply with relevant laws and regulations • Help streamline IT operations, reducing the time and effort required to manage systems, applications, and data
10	ESG Data Warehousing	Monitor the performance of operational, environmental, and social via dashboard.	<ul style="list-style-type: none"> • Improved decision-making • Enhanced risk management • Better reporting and compliance

ROAD USER WELL-BEING

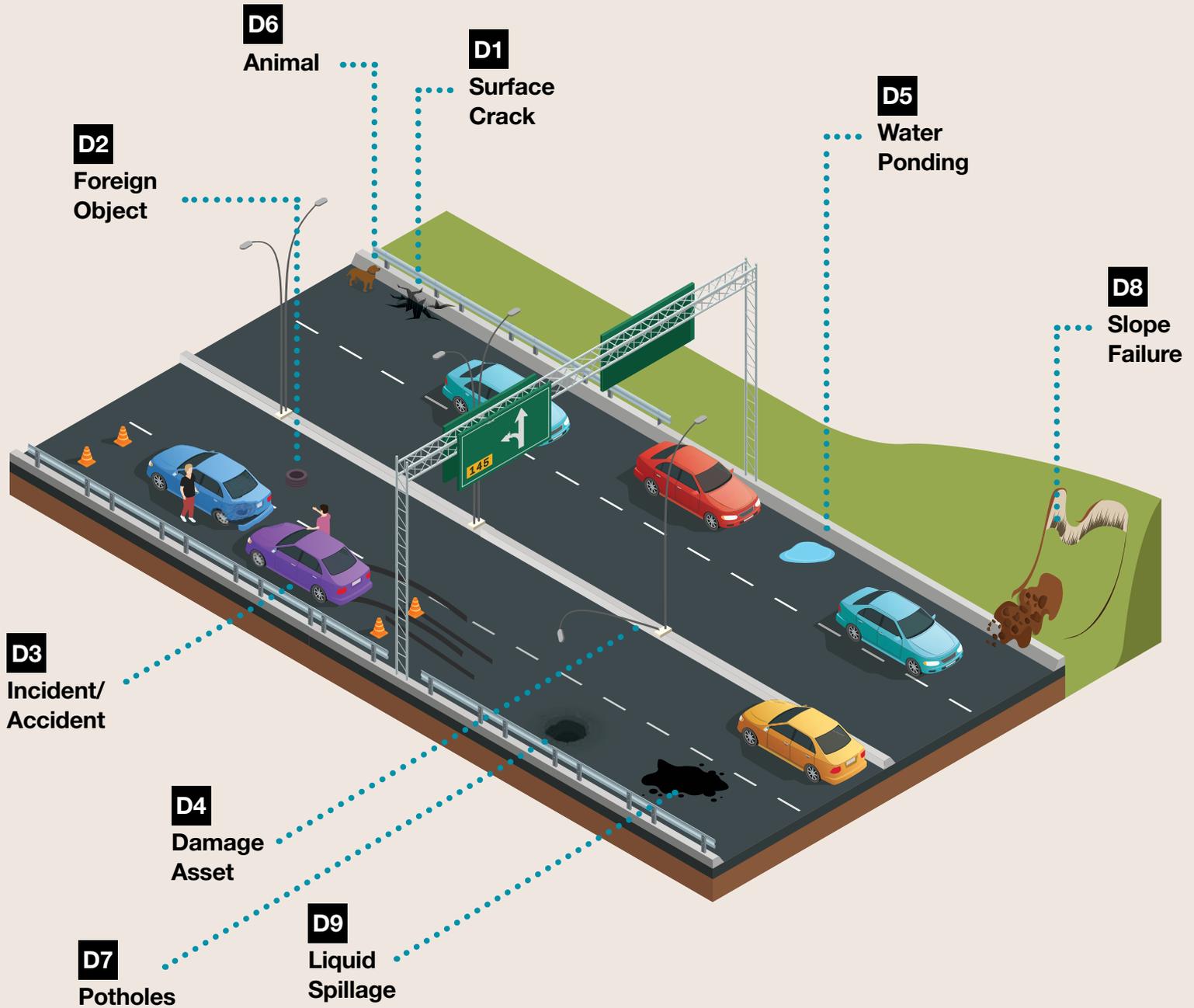
→ Smart Highway Innovations

We have implemented smart road technology that integrates advanced digital innovations into our road infrastructure to enhance safety, efficiency, and sustainability. Through the use of sensors, Artificial Intelligence (AI), Machine Learning (ML) technologies and Internet of Things (IoT) in highway operations, we are collecting data on traffic flow, road conditions, and weather patterns. This real-time data is then analysed to provide information that we leverage to enhance the safety and efficiency of our road users and employees.



The S3 integrates our Traffic Management Centre, patrolling, maintenance, and IT functions, enabling real-time monitoring and detection of highway issues for enhanced safety and emergency response. The system detects and monitors surface conditions, faulty assets, accidents, foreign objects, stagnant water areas, and animal presence, among others. With prompt issue identification, monthly incidents have decreased, allowing for quick resolution.

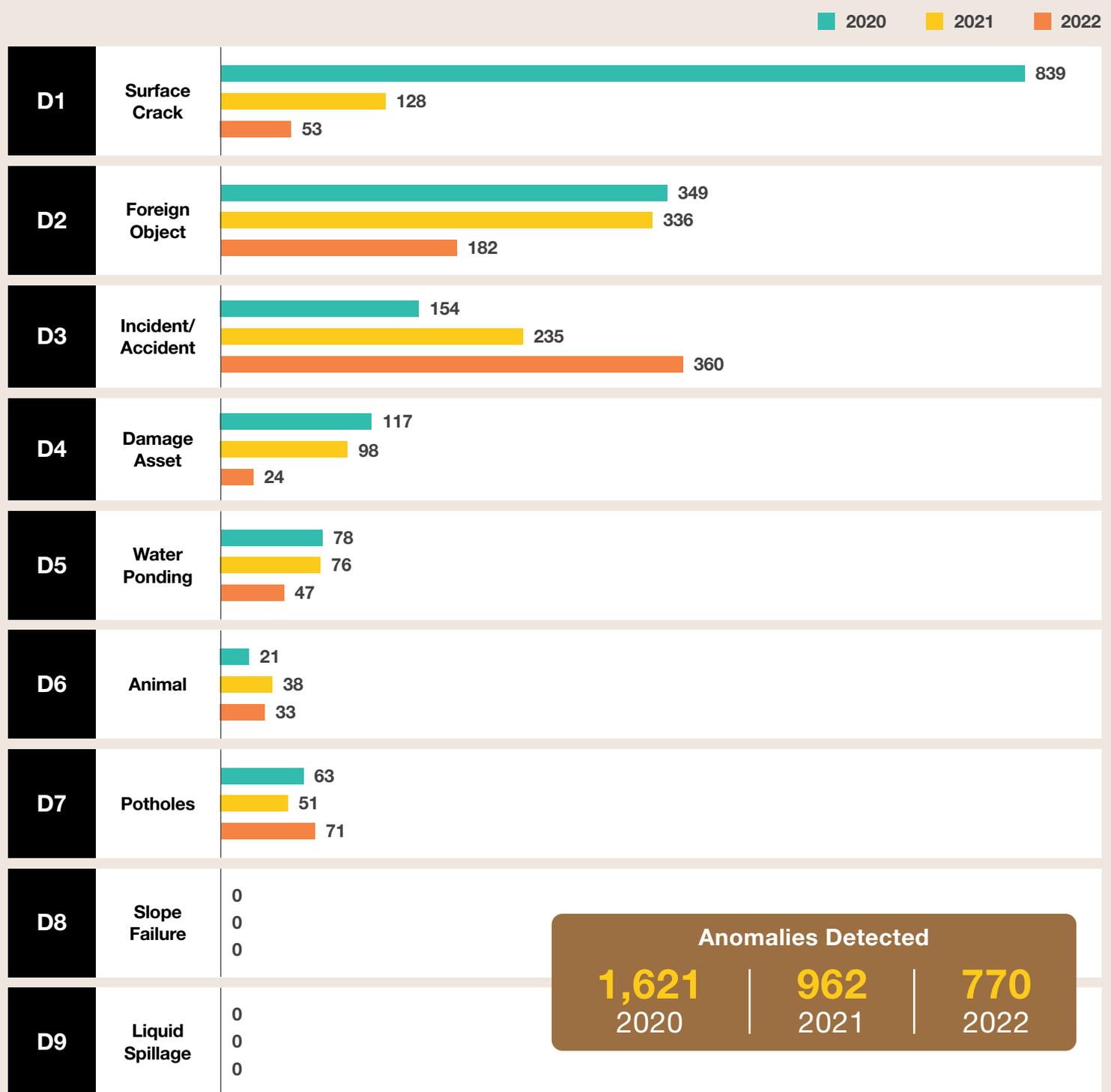
Artificial Intelligent System Analytics (AISyA)



We collaborated with a technology partner in the development of AISyA, a centralised traffic and road monitoring platform as part of S3. The platform uses AI to autonomously and quickly detect road hazards such as accidents, foreign objects, anomalies in the road surface, damage to road furniture, and even stray animals. AISyA was built on a scalable architecture and is future-proof, with the ability to integrate with other sensors and solutions via an API interface.

ROAD USER WELL-BEING

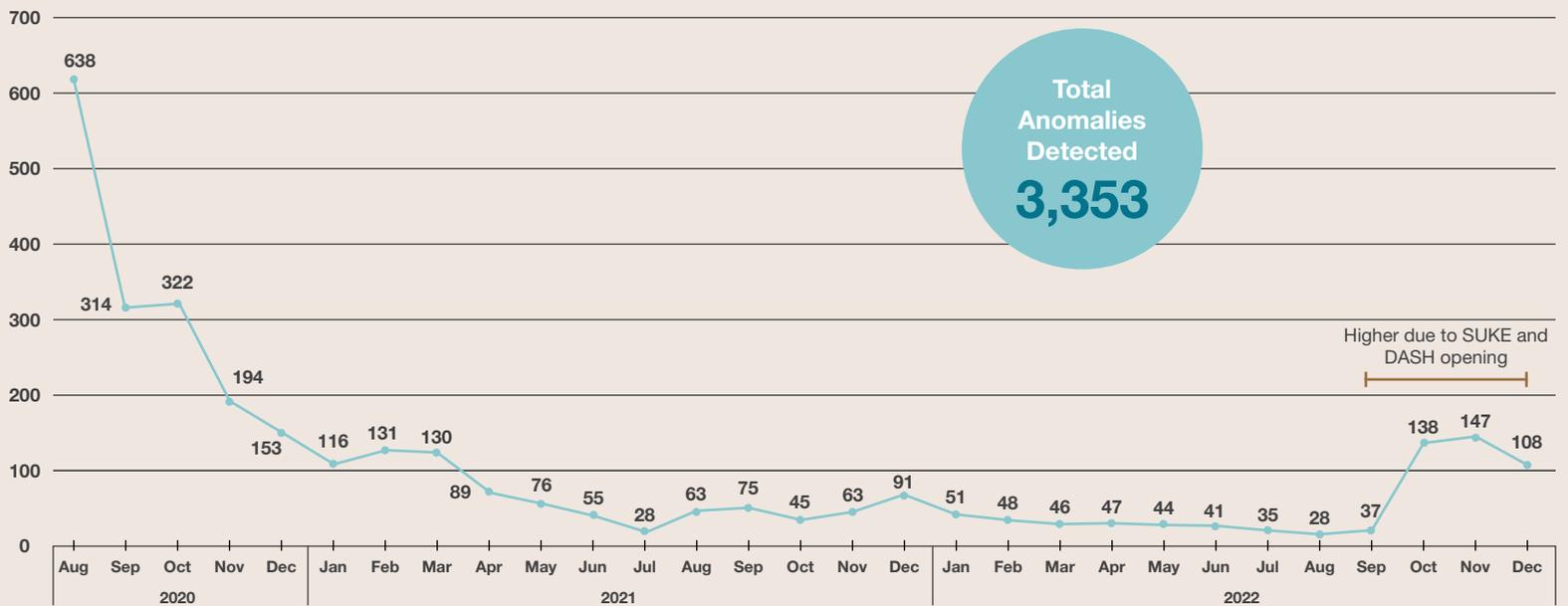
Anomalies Detected 2020 – 2022 Based on Categories



AI SyA has uncovered 3,353 issues in nine categories since its launch in August 2020. We have been able to quickly identify and correct deficiencies on our highways. In 2022, foreign objects and incidents/accidents accounted for the most defects detected, followed by potholes, surface cracks and water ponding.



Anomalies Detected and Resolved



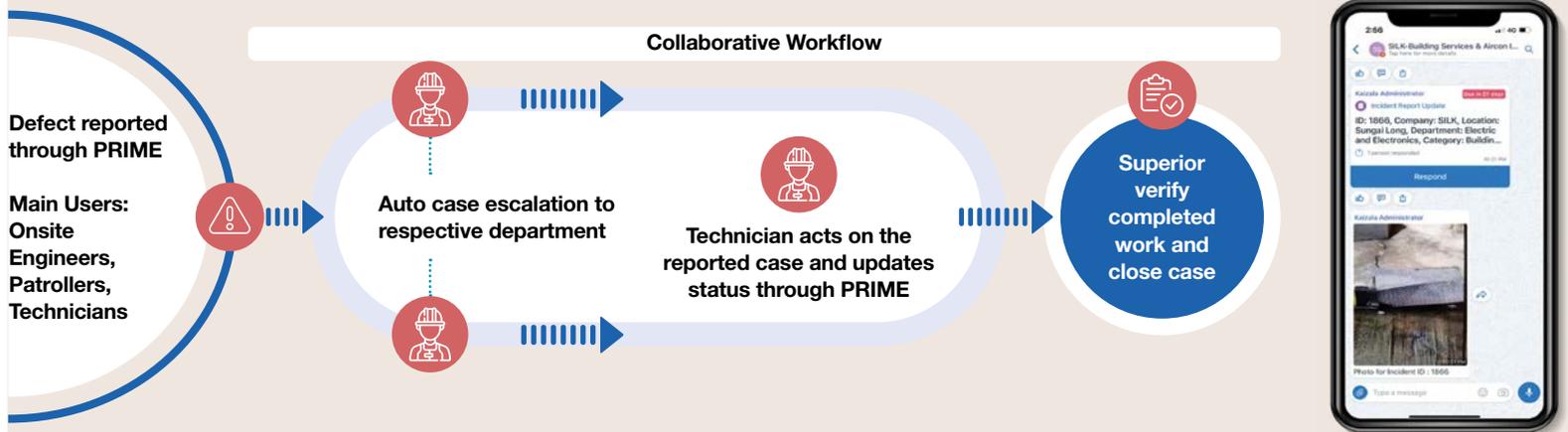
Most importantly, AISyA has allowed us to dramatically reduce our road deficiencies and ensure the safety of our road users by enabling us to quickly take action to resolve issues. As a result of the improved detection of roadway problems and the resulting quicker resolution of issues, we have seen a downward trend in the total number of problems identified. The number of anomalies detected slightly increased in October, November and December due to opening of SUKE and DASH highway.



Our patrol vehicle is equipped with devices for real-time monitoring.

ROAD USER WELL-BEING

PROLINTAS Integrated Maintenance Escalations (PRIME)



PRIME streamlines our maintenance process for highway assets and allows immediate incident reporting through a mobile device. The system provides real-time updates and automates task assignments, resulting in faster turnaround times for repairs and improving the customer experience.

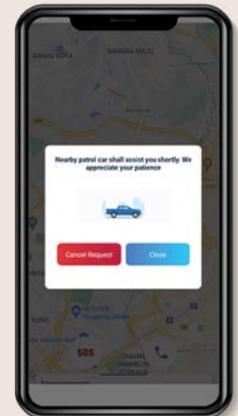
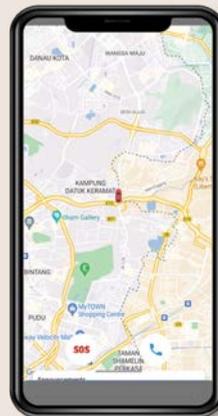
Data Visualisation Dashboard



PRIME streamlines our maintenance process for highway assets and allows immediate incident reporting through a mobile device. The system provides real-time updates and automates task assignments, resulting in faster turnaround times for repairs and improving the customer experience.

PROLINTAS Digital Assist Mobile App

PRIME streamlines our maintenance process for highway assets and allows immediate incident reporting through a mobile device. The system provides real-time updates and automates task assignments, resulting in faster turnaround times for repairs and improving the customer experience.



PROLINTAS Digital Assist
YOUR TRAFFIC ASSISTANCE, ON THE SPOT

Available On :

Help is just a click away

PROLINTAS Digital Assist Mobile App provides:

- Real-time SOS alert for faster deployment of resources
- GPS tracking with exact location of customer in emergency
- Visibility of ETA and live movement of patrol vehicle to the location

Our patrol car is on the way

Firdaus Amirul
4.5 ★★★★★
ETA 10 min
3 km

Close

PROLINTAS Group of Companies

AKLEH GCE LKSA SUKE DASH KAJANG SILK TURNPIKE SYNERGY

PROLINTAS Highways | prolintas.group | Prolintas Group

www.prolintas.com.my

➡ PROLINTAS Digital Assist can now be downloaded from Google Play and App Store.

PROLINTAS' Digital Assist app enables road users to request emergency assistance with a single tap, alerting resources in real time with an average response time of two minutes. The app allows users to report various emergencies, and they can track patrolmen's journey and estimated arrival time for reassurance while waiting for assistance.

Incorporating Green Technologies

We leverage technological innovation in green and renewable initiatives in our smart road technology approach, such as incorporating solarisation, intelligent lighting systems, e-bikes and drones, among others. This drive to leverage technology goes hand-in-hand with sustainability considerations.

➡ Our maintenance personnel flying up the drone to perform surveillance work.

MOVING FORWARD

PROLINTAS will continue to improve its current efforts to ensure that the well-being of our road users is not compromised in terms of safety and experience. We will continue to cultivate our safety culture and embrace new and improved ways to ensure the well-being of our highway users through new innovations and best practices that come to the forefront. Our amenities along the highway will include electric vehicle charging stations at rest areas, food waste composting facilities, and food delivery robots.

IMPACT ON COMMUNITIES



→ A public engagement session during the Minggu Saham Amanah Malaysia.

→ GRI STANDARDS

GRI 413:
Local Communities



- Target 12.8
- Target 16.7



- Target 17.17

→ WHY IT MATTERS

As a leading highway concessionaire in Malaysia, we strive to make a positive impact on the communities we serve. This commitment serves as our ethical obligation and is important to drive long-term value creation. By prioritising the well-being of the communities we operate in, we can help to create a stable and sustainable environment, which is critical for the long-term viability of the company and our communities. Ultimately, by positively impacting the communities we serve, PROLINTAS is investing in its own future and creating a better, more sustainable world for all.

KEY HIGHLIGHTS

RM1.6 Million

Public Engagement Investment for SUKE and DASH Opening

Up to 6.4 Million road users benefited from the toll free period - SUKE and DASH opening

First 260 metre **FULL ENCLOSURE** noise barrier design on highway, first of its kind in Malaysia



IMPACT ON COMMUNITIES

OUR APPROACH

We strive to address the impacts of our highways on surrounding communities as part of our commitment to improving their quality of life. PROLINTAS provides support, such as business opportunities and financial aid, while respecting the community's right to a peaceful environment and protection from potential harm caused by noise, light, and traffic-related air pollution.

OUR PROGRESS

1. Caring for Our Communities

At the core of PROLINTAS's values lies the belief in "Elevating Lives," which reflects our commitment to supporting the communities we operate in. As conscientious corporate citizens, we believe we are responsible for giving back and positively impacting society beyond our own success. That is why we have implemented various initiatives to support local communities and continue looking for new ways to make a difference.

One of the ways we support our communities is through our Corporate Social Responsibility (CSR) programmes. At the heart of our CSR philosophy are three key pillars: empowering education, advancing the community, and protecting the environment. Through our empowering education programmes, we provide access to education and learning opportunities to underprivileged children and youth, empowering them with the skills and knowledge they need to succeed. Our advancing community initiatives focus on supporting marginalised communities and empowering them to thrive. Lastly, our protecting environment programmes aim to minimise the environmental impact of our operations and promote sustainable practices in our communities. By focusing on these pillars, we aim to create a positive and lasting impact on the communities where we live and work.

We carefully plan and execute CSR initiatives that create meaningful impacts on the well-being of communities, the environment, and our employees. Our programmes are designed to address the most pressing social and environmental challenges faced by the communities we serve. By supporting local causes and initiatives, we hope to elevate the quality of life for everyone and contribute to the long-term sustainability of the communities where we operate.

Our corporate journey has been greatly enriched by the unwavering support of our esteemed partners, employees, and customers. We are fully committed to continuing this endeavour and doing even more.

<p>Empowering Education</p> 	<p>Building knowledge and providing access to education</p>
<p>Advancing the Community</p> 	<p>Enabling growth in our communities</p>
<p>Protecting the Environment</p> 	<p>Ensuring environmental sustainability and protection</p>



➔ Provided education programme to the student from B40 income families.

IMPACT ON COMMUNITIES

→ EMPOWERING EDUCATION

We believe that investing in education is critical in developing a knowledgeable society. By supporting education, we can help individuals gain access to skills and knowledge and improve their prospects. In 2022, we prioritised the education needs of disadvantaged communities and those with limited educational opportunities.

PROLINTAS COMMUNITY PROGRAMMES: EMPOWERING EDUCATION

Cerdik Programme – Empowering Gen Z

Provided students from B40-income families personal development and character building learning opportunities.



Benefit to
200
students

Back to School Programme

Collaborated with Canggih to distribute school uniform to 240 secondary and primary students from B40 families from ten residential areas adjacent to PROLINTAS highways.



Benefit to
240
students

Tuisyen Pintar Programme to support students from low-income backgrounds

Sponsored tuition for 200 low-income SPM students from four schools around the Hulu Langat and Gombak area under the 'Tuisyen Pintar' programme by Yayasan Pelajaran MARA (YPM).



Benefit to
200
students

Helping former national athletes hone sports talent of underprivileged children

Collaborated with Yayasan Kebajikan Atlet Kebangsaan (YAKEB) on 'Learn from the Pros', a sports community programme for unprivileged children by financing coaching and sports equipment.



Benefit to
50
students



→ **ADVANCING COMMUNITY**

We are committed to supporting the needs of the urban poor with basic requirements such as food and financial assistance. Additionally, we engage with a broad range of stakeholders in the course of our business and work with local organisations and community leaders to build strong relationships and promote social and economic development.

PROLINTAS COMMUNITY PROGRAMMES: ADVANCING EDUCATION

CNY groceries contribution to B40 families

Distributed food and necessities to 200 families living near our highways to celebrate the Chinese New Year with the help of residents associations, municipal council, Komuniti Rukun Tetangga (KRT) and housing management offices.



Benefit to
200
Families

CNY celebration at Hiichiikok Foundation Home for Children and Rumah Charis

Treated underprivileged children of the Hiichiikok Foundation Home For Children and Children's Home by Rumah Charis in Kuala Lumpur with a lunch spread for Chinese New Year.



Benefit to
60
Children

Contribution of Tents, Tables and Water to Police Stations

Contributed heavy-duty canopies, portable tables and mineral water to eight police stations in districts surrounding our highway operations.



Benefit to
200
Personnels

Sharing Ramadan Blessings with the Community #BerkatRamadan

Donated break fast food packs and groceries in conjunction with Ramadan to six orphanages and 15 mosques and surau located near SILK, SUKE and DASH highways.



Benefit to
300
Individuals

IMPACT ON COMMUNITIES

Donating cows for 'korban' for Hari Raya Aidiladha

Donation sacrificial cows during Hari Raya Haji celebration, where the meat was distributed to about 600 families comprising the B40 and asnaf communities.



Benefit to 700 Individuals

Blood Donation #DermaDarahPROLINTAS

Encourage employees to contribute back to society through blood donation drives.



Blood Bags Collected 250 Bags

→ PROTECTING THE ENVIRONMENT

We work to encourage people to use sustainable practices that protect the environment, promote social responsibility, and also support economic growth. This includes initiatives like managing supply chains in a way that is environmentally friendly and socially responsible. We want to help spread these practices to communities so that everyone can learn and work together to make the planet and society healthier in the long run.

PROLINTAS COMMUNITY PROGRAMMES: PROTECTING THE ENVIRONMENT

Buy For Impact (BFI) with MaGiC

Supported social enterprises that help disadvantaged groups, pledging corporate support and collaborating with MaGiC to help them grow and make a bigger impact.



Benefit to 30 Participants

Reduce, Reuse, Recycle

Collaborate with Community-Recycle-Charity (CRC) and Kloth Cares on recycling bins on our highways.



Collected 500kg Fabric

Rewilding the Forest

Environmental education initiative undertaken to educate our employees on sustainability and at the same time, embark on a tree replanting exercise.



Benefit to 141 Participants

2. Initiative to Support Local Communities During Flood

In response to the devastating floods that hit Shah Alam in 2021, PROLINTAS has pledged to support the communities affected by flood areas surrounding Lebuhraya Kemuning - Shah Alam (LKSA). We have collaborated with the Municipal Council of Shah Alam (MBSA) and inked a Memorandum of Understanding to implement a Flood Action Plan to provide a safe area for approximately 500 vehicles along the LKSA.

The emergency road will provide access to the safe area and enable vehicles from flood-affected areas to use this critical lifeline during natural disasters. PROLINTAS will construct a ramp on the emergency route, located approximately 20 meters from Taman Sri Lembayung area to Sri Muda Lay-by area.

During extraordinary flooding, PROLINTAS will deploy officers to direct traffic in areas or highways where floods have occurred, ensuring that traffic flows efficiently and effectively, even under the most challenging conditions.

Our Flood Action Plan demonstrates our commitment to building more resilient and sustainable infrastructure that can withstand the challenges of climate change and extreme weather events. PROLINTAS hopes to support communities in their time of need and provide them with relief and peace of mind.

“

PROLINTAS pledges to support and provide a safe area for approximately 500 vehicles along the LKSA during climate disaster.

”



LKSA highway was used to evacuate people from flood-affected areas, allowing them to move to a safe area.



25/11/2022 03:59 PM

SHAH ALAM, 25 Nov (Bernama) – Majlis Bandaraya Shah Alam (MBSA) hari ini menandatangani memorandum persefahaman (MoU) dengan Projek Lintasan Kota Holdings Sdn Bhd (PROLINTAS) bagi membentuk pelan Tindakan Banjir Di Lebuhraya Kemuning-Shah Alam (LKSA).

MoU yang ditandatangani oleh Timbalan Datuk Bandar MBSA Mohd Rashidi Ruslan mewakili MBSA dan Pengurus Besar Operasi Lebuhraya PROLINTAS Azmee Nin itu diadakan bertujuan melaksanakan pelan tindakan banjir yang memberi manfaat kepada penduduk sekitar serta pengguna laluan itu yang terjejas semasa banjir.

Mohd Rashidi berkata antara tindakan yang akan dilakukan oleh pihaknya ialah membina tanjakan (*ramp*) di laluan kecemasan dari kawasan Taman Sri Lembayung ke kawasan Rehat & Rawat (R&R) Tol Taman Sri Muda.

Menurutnya, pelan itu ialah hasil daripada sesi dialog yang diadakan pihaknya bersama dengan penduduk Taman Sri Muda yang menceritakan keadaan mereka yang tidak dapat menyelamatkan kenderaan masing-masing ketika peristiwa banjir besar tahun lepas.

“Ia akan mula dibina secepat mungkin pada bulan hadapan. Jadi kita telah bersetuju, rekaan pun kita dah siapkan dan akan dihantar kepada pihak PROLINTAS untuk dapat kelulusan dari segi rekaan,” katanya kepada pemberita selepas majlis menandatangani MoU berkenaan di Wisma MBSA di sini hari ini.

“Ia akan mula dibina secepat mungkin pada bulan hadapan. Jadi kita telah bersetuju, rekaan pun kita dah siapkan dan akan dihantar kepada pihak PROLINTAS untuk dapat kelulusan dari segi rekaan,” katanya kepada pemberita selepas majlis menandatangani MoU berkenaan di Wisma MBSA di sini hari ini.

Beliau berkata proses pembinaan tanjakan itu dianggarkan mengambil masa kira-kira dua minggu dan akan memudahkan penduduk sekitar khususnya di Taman Sri Muda mengalihkan kenderaan sebelum ditenggelami banjir selain mempercepat kerja-kerja menyelamatkan mangsa bencana itu.

“Sebelum ini, apabila amaran banjir diberikan, penduduk memang meletakkan kenderaan mereka di atas lebuhraya itu dengan bantuan peronda LKSA. Tapi perjalanannya agak jauh kerana mereka perlu keluar dari laluan utama Taman Sri Muda.

“Kita akan menggunakan sebahagian daripada lebuhraya LKSA, dengan kira-kira 500 kenderaan boleh diletakkan di sepanjang lebuhraya itu,” katanya.

Bagaimanapun, Mohd Rashidi memaklumkan laluan kecemasan berkenaan tidak boleh digunakan sesuka hati oleh penduduk dan hanya boleh dibuka selepas mendapat arahan daripada Pengerusi Jabatan Pengurusan Bencana Daerah (JBPD) Klang dan Ketua Polis Daerah Shah Alam.

– BERNAMA

IMPACT ON COMMUNITIES

3. Opening of SUKE Phase 1 and DASH

The opening of the Sungai Besi-Ulu Kelang Elevated Expressway (SUKE) Phase 1 and the Damansara-Shah Alam Elevated Expressway (DASH) have significantly improved Kuala Lumpur's transportation infrastructure. With reduced traffic congestion, shorter travel times and improved accessibility to high-density areas, these highways are expected to improve the overall quality of life for residents and businesses alike.

→ SUKE Phase 1 Highway

SUKE offers a new highway experience with its breathtaking views, elevating the driving experience for commuters. The road was toll-free for one month to celebrate the opening, from 16 September 2022 to 15 October 2022. During the first month of its opening, the total traffic volume on the SUKE was significant, with approximately 2.4 million road users commuting on it. Within just 24 hours of the Phase 1 opening, almost 80,000 vehicles were recorded on the SUKE, reflecting its importance to Kuala Lumpur's transportation network.



→ Officiating of SUKE Phase 1 Highway by former Senior Minister of Works.

→ DASH Highway

The opening of the Damansara-Shah Alam Elevated Expressway (DASH) has been pivotal for Klang Valley commuters, bringing greater connectivity and convenience, and spurring economic activities as it plays a role as a critical link between the eastern and western parts of Klang Valley. The 41.9 km, 13-interchange highway has been built to serve high-density areas, bringing communities closer together while also alleviating traffic jams on busy routes.



→ Officiating of DASH Highway by former Primer Minister.

To celebrate its opening, the DASH highway was toll-free for 48 days, allowing road users to experience the highway. During the first month of operation, the highway saw a total traffic volume of 4.0 million road users, with close to 70,000 vehicles using the highway within 24 hours of opening. The DASH highway's launch is a significant milestone for the Klang Valley region, providing much-needed relief to traffic congestion and improving connectivity between communities.

Opening of SUKE Phase 1 Highway

31 Days
Toll Free
Period

16 September 2022 – 15 October 2022

Close to **80K** Traffic within 24 Hours
of Opening

Up to **2.4 million** road users commuting
within the first month of opening

Relief of
**RM14.8
Million**
Toll Value

Opening of DASH Highway

48 Days
Toll Free
Period

14 October 2022 – 30 November 2022

Close to **70K** Traffic within 24 Hours
of Opening

Up to **4 million** road user commuting
within the first one and a half months of opening

4. Communities' Right to a Peaceful Environment

As highway operators, we recognise our communities' right to a peaceful environment which is crucial for their well-being and quality of life. PROLINTAS strives to implement measures to minimise negative impacts, which include reducing noise and air pollution, ensuring compliance with environmental regulations, and providing support to mitigate any harm caused by highway operations. By respecting the communities' right to a peaceful environment, PROLINTAS can foster positive relationships and strengthen our reputation as responsible corporate citizens.

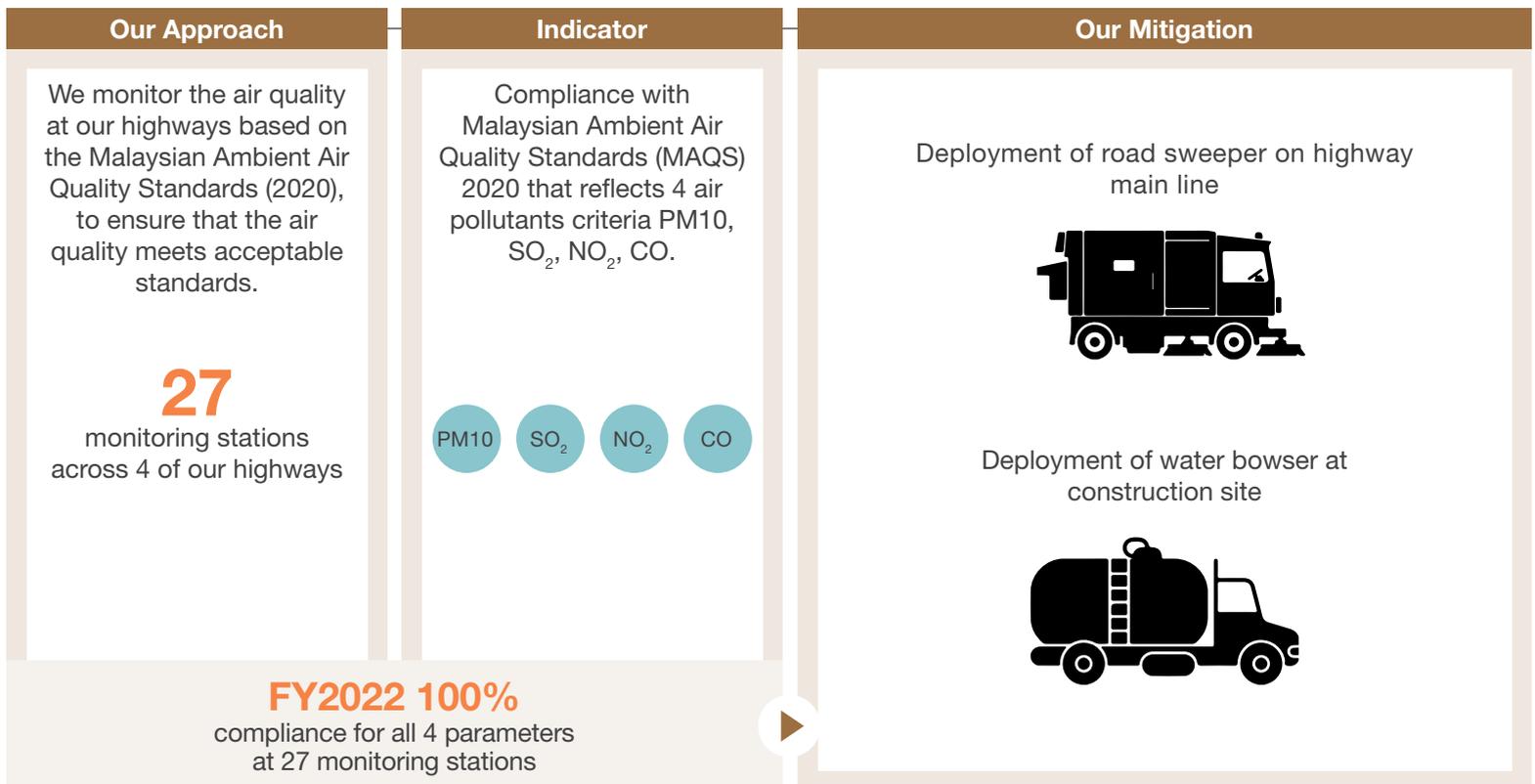
→ Environmental Monitoring Programme (EMPr)

In order to effectively monitor, prevent and control pollution, we conduct continuous monitoring data on environmental quality adjacent to our highway assets. It involves monitoring of ambient air quality, water quality monitoring, and noise level monitoring.

→ Ambient Air Quality Monitoring

We regularly monitor the environmental quality along our highways because they are frequently used for transportation. This is our way of showing our commitment to protecting the environment. Every year, we monitor the air quality of four of our highways, checking for four specific air pollutants, and ensuring that they comply with the Malaysia Ambient Air Quality Standards (MAQS) 2020.

Possible air pollution emissions from our operations include non-point pollution sources such as vehicular movement on the highways, and point source pollution such as our genset operations. We take appropriate measures to minimise the impact of our operations on the air quality to protect public health and the environment.



Notes:

AKLEH – 5 stations, GCE – 5 stations, LKSA – 7 stations, SILK – 10 stations

Notes:

- PM10 : Particulate Matters less than 10 microns in diameter
- SO₂ : Sulphur Dioxide, NO₂ : Nitrogen Dioxide, CO : Carbon Monoxide

IMPACT ON COMMUNITIES

→ WATER QUALITY MONITORING

River quality monitoring is part of the monitoring programme for the purpose of reporting the actual level of quality in respective rivers, in order to effectively monitor, prevent and control pollution. The Water Quality Index (WQI) is used to indicate the level of pollution and the corresponding suitability in terms of water uses according to the National Water Quality Standards for Malaysia (NWQS). As some of our highways traverse highly sensitive areas such as rivers, we undertake the quality monitoring exercise annually at respective monitoring stations located within upstream and downstream areas.

For PROLINTAS, potential sources of water pollution may include stormwater runoff from the roads which can contain impurities such as particulate matter or waste, pollution from sewerage treatment plants, and minimal land disturbance activities during highway maintenance.

Our Approach	Indicator	Our Mitigation
<p>We monitor the water quality of the river at the vicinity area of our highways. The Water Quality Index (WQI) is used to indicate the level of pollution according to National Water Quality Standards for Malaysia (NWQS).</p> <p>25 monitoring stations across 4 of our highways</p>	<p>Based on DOE water quality classification, the results are depicted into 3 categories:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="background-color: #0070C0; color: white; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">Clean</div> <div style="background-color: #FFD700; color: black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">Slightly Polluted</div> <div style="background-color: #FF8C00; color: white; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;">Polluted</div> </div>	<p>Oil spillage control by using sawdust </p> <p>Routine maintenance of STP </p> <p>Allocation of waste bins </p>

Notes:

AKLEH – 4 stations, GCE – 6 stations, LKSA – 4 stations, SILK – 11 stations



→ Water quality monitoring conducted at identified sensitive receptors within vicinity of our Highway Assets.



→ **NOISE LEVEL MONITORING**

PROLINTAS acknowledges the risk of noise pollution associated with highway operations and construction. Our efforts to mitigate noise pollution include the installation of noise barriers of various heights and designs along identified noise sensitive receptors at the highways so that they can dampen noise and shield the community from excessive noise.

Noise monitoring is carried out annually at identified sensitive receptor locations, complying with the Guidance for Environmental Noise Limit and Control (Third Schedule). We are committed to improving as we progress to mitigate the noise pollution arising from our operations.

Our Approach	Indicator	Our Mitigation
<p>We measure the level of ambient noise at identified noise sensitive receptors that might be impacted by generation of traffic on our highways. As such, the monitoring was carried out in 2 periods – Day Time and Night Time.</p> <p style="text-align: center;">38 monitoring stations across 4 of our highways</p>	<p>Level of compliance with Guidelines for Environmental Noise Limits and Control (Third Edition) – Fourth Schedule and EIA approval conditions.</p>	<p>Installation of noise barrier</p> <p>Installation of speed limit signage</p> <p>Collaboration with PDRM to prevent illegal activities</p>   

Notes:
AKLEH – 12 stations, GCE – 5 stations,
LKSA – 9 stations, SILK – 10 stations

Notes:
The recommended permissible limits vary across our highway monitoring stations. It is highly dependent on the type of receiving land use and the EIA approval conditions that have been authorised by respective regulators.



→ We mitigate the noise pollution associated with our highway operations by conducting annual noise monitoring and the installation of noise barriers.

MOVING FORWARD

We will continue to assess the impact of our operations on our communities and take action to improve and mitigate any adverse effects. We will continue to advance our community development initiatives under the three pillars of Empowering Education, Advancing the Community and Protecting the Environment to demonstrate our corporate responsibility.

DIVERSITY, EQUITY AND INCLUSION



→ Our team is comprised of individuals with unique perspectives and experiences.

→ GRI STANDARDS

GRI 405:
Diversity and Equal Opportunity

GRI 406:
Non-discrimination



- Target 5.5
- Target 8.4



- Target 10.2
- Target 10.3
- Target 10.4

→ WHY IT MATTERS

Building a diverse, equitable, and inclusive workplace is crucial to PROLINTAS to promote fairness and respect for all employees. This leads to increased productivity and better decision-making, providing a variety of viewpoints, experiences, and ideas that can lead to innovative solutions. An inclusive and equitable workplace ensures that all employees have equal opportunities to succeed and feel valued.

KEY HIGHLIGHTS

Female Representation
In PROLINTAS –

33% Board Level
40% Employees

Increasing Trend Of Hiring Female
Employees from

20% in 2020 to
30% in 2022



DIVERSITY, EQUITY AND INCLUSION

OUR APPROACH

To promote diversity and inclusion, we ensure equal pay, provide adequate maternity and paternity leave, adopt merit-based recruitment practices, and implement capacity-building initiatives to raise awareness. Our support for gender equality underscores the importance of women's participation at all levels of the organisation. Through these efforts, we aim to build a workplace that values and respects all individuals, regardless of their backgrounds.

PROLINTAS, as a conscientious employer, abides by all applicable employment laws in Malaysia, adherence to labour rights and practices, as well as equitable treatment and remuneration for our employees.

We fully support women employees by providing opportunities for development and career advancements.

Our female employees receive support in several ways. For instance, we provide a maternity allowance, as well as maternity leave. Additionally, we offer flexible working arrangements to accommodate the needs of working mothers. We prioritise women's health and conduct annual health awareness month focusing on breast cancer, with mammogram screenings available for women aged 40 and above. We also provide personalised gifts to each female employee during this time. Moreover, we offer vaccination leave to ensure our employees have time to recover fully from any vaccine side effects. We also celebrate and empower women through International Women's Day and women empowerment forums with notable female speakers to inspire our employees to achieve their goals.

→ **PROLINTAS abides by these labour laws:**

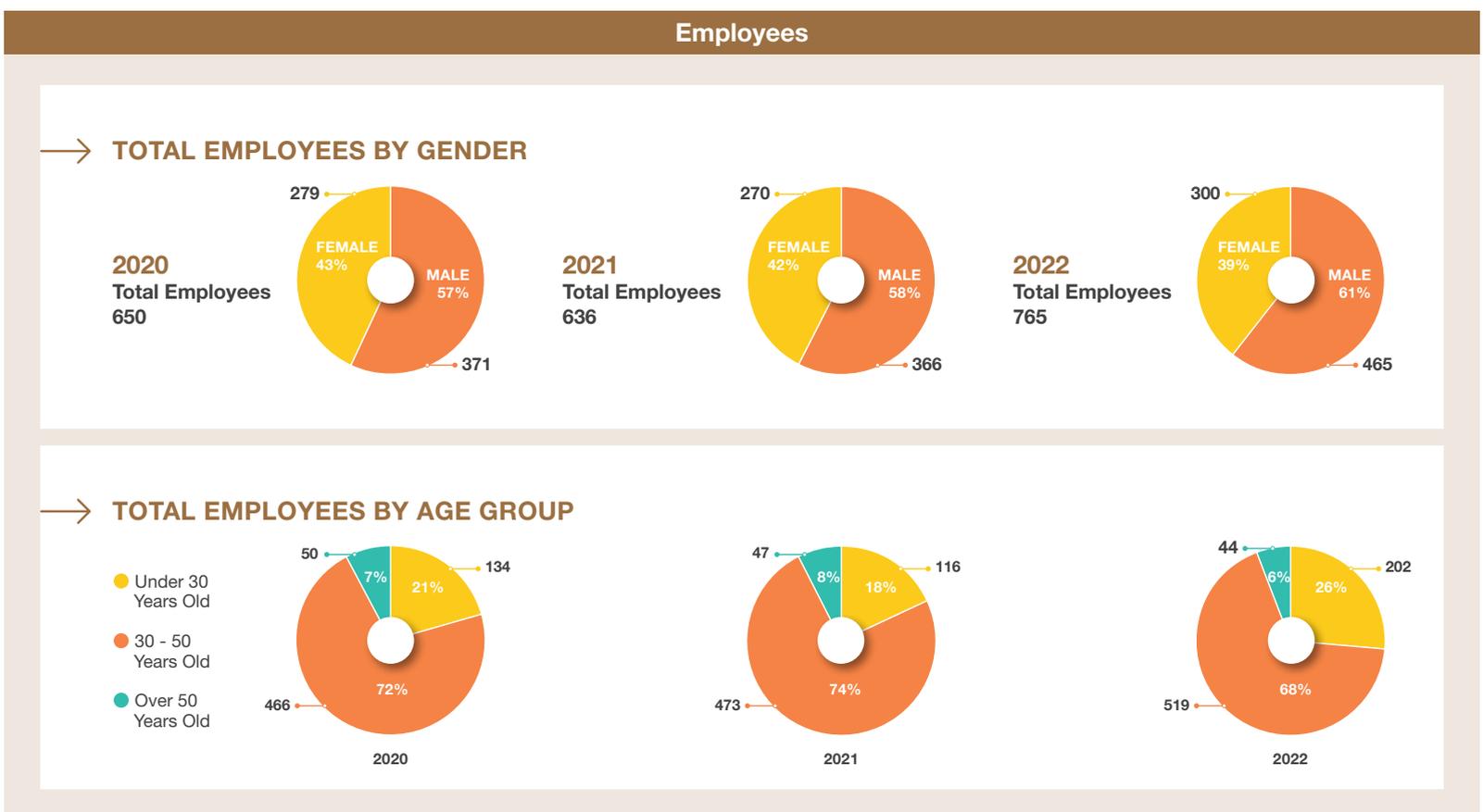
- Industrial Relations Act 1967 (Revised 1976) (Act 177)
- Minimum Retirement Age Act 2012 (Act 753)
- Employment Information Act 1953 (Act 159)
- Employment Act 1955 (Act 265)
- National Wages Consultative Council Act 2011 (Act 723)
- Minimum Wages Order 2020
- Personal Data Protection Act 2010 (Act 709)
- Employment Insurance System Act 2017 (Act 800)
- Employees' Social Security Act 1969 (Act 4)
- Employees Provident Fund Act 1991 (Act 452)
- The Children and Young Persons (Employment) Act 1966
- Occupational Safety and Health Act 1994
- Workmen's Compensation Act 1952 (Revised 1982) Act 273

OUR PROGRESS

1. Strengthening Diverse Workforce

We strongly believe in work merit regardless of gender or age. Women in our workforce account for 40%, while men account for 60%. We take pride in empowering women and promoting gender equality by hiring women in our traditionally male-dominated industry.

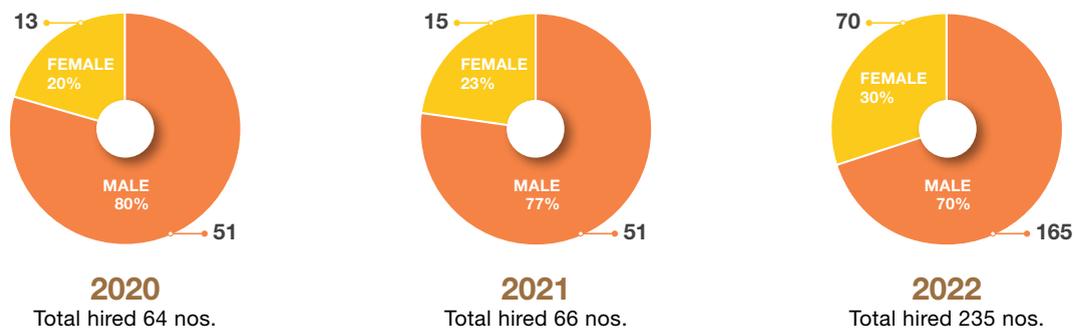
Our employees' ages range from 18 to 66 years, with 68% falling between 30 to 50 years, creating a stable talent pool that supports succession planning, and leveraging the deep experience of subject matter experts and industry retirees. We value knowledge and experience, particularly among those between 30 to 50 years old, due to the specialised nature of highway operations and maintenance which requires accumulated knowledge and experience.



DIVERSITY, EQUITY AND INCLUSION

Total employees for 2022 increased due to the opening of the two new highways, SUKE and DASH, on 16 September and 14 October respectively. Given that the nature of the work was construction, which is predominantly male-dominated, there were more male employees than female employees hired. However, it is worth noting that the number of female employees in 2022 was higher than the previous two years, indicating that there was no discrimination against female employee in the construction field.

New Employees Hired by Gender



→ Remuneration

PROLINTAS is dedicated to being a preferred employer that attracts top talent through its non-discriminatory policies for recruitment and remuneration. We offer competitive wages, benefits, and rewards, along with ample professional and personal growth opportunities that do not discriminate based on gender, ethnicity, or social background.

Employees' total remuneration is based on their experience, professional qualifications, and job performance, with benefits provided in accordance with the Employment Act 1955 and additional benefits provided at the company's discretion.

Refer to Social Performance Indicators on page 190.

<p>1 Minimum Wage and Cost-of-living allowance (COLA)</p>	<p>Compensated above national minimum wages and receive a fixed monthly COLA. PROLINTAS minimum wages are 46% higher than the amount set by the National Minimum Wages Order 2020, with non-executives receiving RM550 and executives receiving RM400 COLA.</p>
<p>2 Leave</p>	<p>Annual leave, sick leave, maternity leave, and examination/study leave to support their health, personal development, and family needs.</p>
<p>3 Medical</p>	<p>Medical and hospitalisation benefits, dental and optical coverage, and health screenings.</p>
<p>4 Insurance</p>	<p>Group Term Life Insurance and Group Personal Accident plans to protect employees from unexpected events.</p>



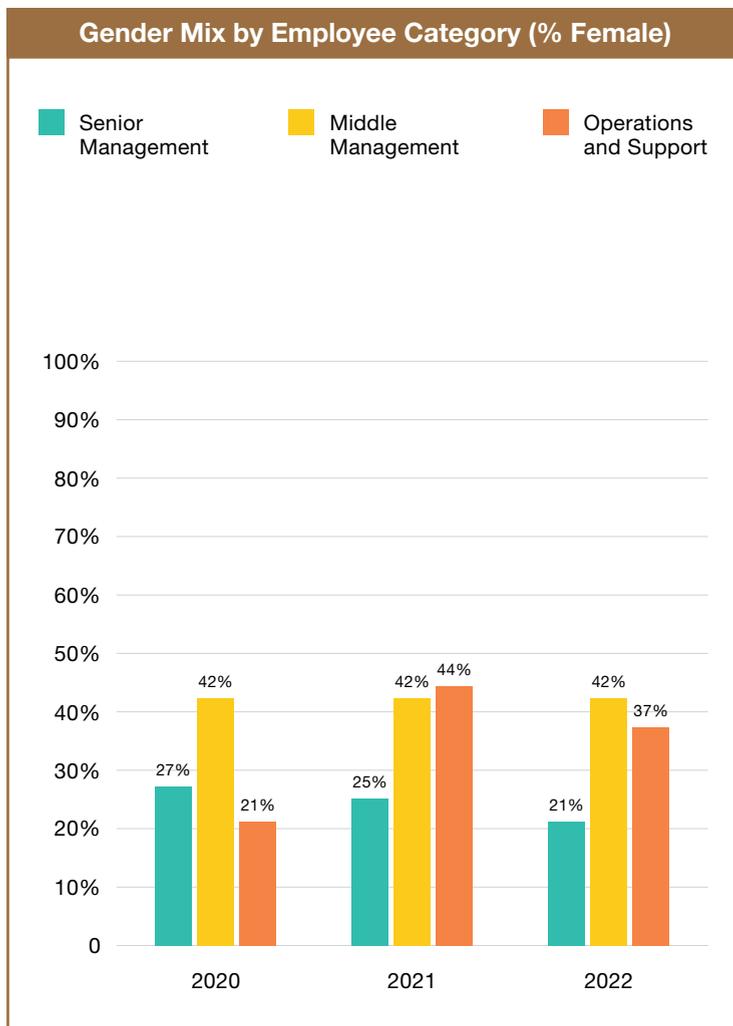
5	Other allowance	Meal, shift, and laundry allowances.
6	Flexi-Work Arrangements	Flexible working hours and breaks to ensure fair working practices, while still requiring employees to work specific hours per day.
7	Self-development	Support employee self-development with relevant subsidies and reimbursements.
8	Other benefits	Provide communication and travel expense reimbursements.

2. Female Employee Empowerment

We emphasise gender equality in our commitment to diversity, recognising the significance of women’s participation at all levels of the organisation.

PROLINTAS is committed to raising greater awareness of women’s issues in the company, creating a safe opportunity for women’s career growth and development, supporting work-life balance, and providing a safe and inclusive workplace. We instituted an anti-sexual harassment policy in 2022 to provide employees an avenue to safely raise complaints of sexual harassment in the workplace.

Refer to Employee Well-Being on page 86.



MOVING FORWARD

We remain committed to advancing Diversity, Equity and Inclusion (DEI) in PROLINTAS, as it not only benefits the organisation and its employees by providing access to a wider and more diverse pool of talent, but also promotes social stability and further economic development. We will look into developing comprehensive DEI policy and relevant strategies that can advance PROLINTAS’s commitment to these principles and enhance financial performance and value creation.



GHG AND CLIMATE CHANGE



→ LED street lighting installed along the SUKE Highway.

→ GRI STANDARDS

GRI 305:
Emissions



- Target 7.2
- Target 7.3
- Target 13.1
- Target 13.2
- Target 13.3

→ WHY IT MATTERS

Although we bring many positive impacts to the nation as a highway concessionaire - connecting people, improving logistics, transporting goods, creating jobs, moving commerce, and integrating communities - road transportation remains one of the main contributors to increasing greenhouse gas (GHG) emissions which has a significant bearing on climate change. Given this context, PROLINTAS has a considerable carbon footprint and we are committed to playing our role in reducing the intensity of carbon emissions across our operations and assets.

KEY HIGHLIGHTS

Robust Profiling of
PROLINTAS GHG
Inventories **2019 - 2022**

● **Scope 1**

● **Scope 2**

● **Scope 3**

Scope 3 (8 out of 15 Categories)

Assess and Disclose
11,190 tCO₂e
of Scope 1 and 2 emission - 2019

Emission Reduction Target
30% by 2030
of Scope 1 and 2 emission from a base
year 2019



GHG AND CLIMATE CHANGE

OUR APPROACH

Since 2019, we have undertaken to identify, review and manage GHG emissions from our products, operations, office facilities, supply chain, and implement measures to optimise carbon reduction and mitigate GHG emissions. We take a three-prong approach in our efforts to lower carbon emissions which is to reduce carbon emissions intensity, implement carbon offsetting initiatives, and utilise renewable and smart technologies in our operations.

Our efforts in managing GHG and Climate Change are intricately linked with our efforts in managing Energy Use, Water Management and Waste Management.

 Refer to Energy Use on page 162.

 Refer to Water Management on page 152.

 Refer to Waste Management on page 172.

OUR PROGRESS

1. Understanding PROLINTAS Climate Change Action

PROLINTAS joins the global agenda and has been taking significant steps to address its carbon footprint by conducting GHG emissions profiling in response to the increasing concern over climate change. This initiative has enabled us to better understand PROLINTAS's emission profile and identify opportunities for improvement.

We recognise the increasing concerns of stakeholders regarding GHG emissions arising from our operations, particularly in powering highways at night through street lighting and high mast. In line with its commitment to sustainable practices, PROLINTAS is actively exploring the use of green energy sources and implementing various measures to enhance its energy efficiency. The company is also investigating alternative sources of electricity, such as renewable energy, to further reduce its carbon footprint.

PROLINTAS's commitment to sustainability extends to its fleet activities, which patrol highways 24 hours a day to ensure the safety of road users. The company is exploring innovative solutions, such as the use of plastic waste extenders (MacRebur) and low embodied emission asphalt, to optimise resources used for road maintenance activities. These measures will not only contribute to a reduction in GHG emissions but also ensure the optimal use of resources, leading to a more sustainable future for all.

Overall, PROLINTAS's efforts to reduce its carbon footprint through GHG emission profiling and sustainable practices will benefit not only the company but also its stakeholders and align with the global efforts to address climate change. With a commitment to sustainability, PROLINTAS plans to progressively contribute long-term value to its business, stakeholders, and communities through cost savings, operational optimisation, and risk management related to climate change.

All in all, the following sections describe how we intend to meet these expectations and ambitions.

2. PROLINTAS Stepping Up in the Global Race to Net Zero

PROLINTAS is taking significant steps towards reducing its carbon footprint and contributing to the global race to net zero, in line with Malaysia's Decarbonisation aspirations. To strive for said goal, we have strengthened our ESG considerations and strategies by working closely with the Malaysian Green Technology Corporation (MGTC). Through this partnership, we have conducted a thorough assessment of our carbon emission baseline across our operational control, identifying key drivers of emissions and charting up our emission reduction pathway.

2022 HIGHLIGHTS ON GHG ASSESSMENT

1. TIGHTEN PROLINTAS ESG CONSIDERATION AND STRATEGIES

PROLINTAS collaborates with Malaysian Green Technology And Climate Change Corporation (MGTC) towards attaining our twin objectives of:

- Recognising in detail our carbon emissions baseline across our operational control.
- Identify viable strategies and pathways towards achieving Net Zero.



2. SETTING OUR BOUNDARIES FOR GHG ASSESSMENT

Shaping our GHG assessment through determination of two important boundaries:

- **Organisational Boundary**
Under operational control approach, PROLINTAS take account for 100% emission from all its 8 subsidiaries.
- **Operational Boundary**
PROLINTAS sets the emission operational boundary covering Scope 1, Scope 2 and Scope 3 (8 out of 15 categories)



3. THREE ASPIRATION OUTCOMES

Three key outcomes are set for PROLINTAS GHG assessment:

- Successfully establish our 4-year GHG emission profile across our organisational boundary (2019 - 2022).
- Identification of Key Drivers Emission and Set the Baseline Year.
- Set our Short Term Goal and Long Term Goal on emission reduction.



4. STRENGTHEN INTERNAL DISCLOSURE PRACTICE

To strengthen our disclosure we engage SIRIM QAS International Sdn Bhd to perform an independent verification and provide assurance of selected sustainability performance.

Majority of the disclosure themes are rated from 'Medium' to 'High', which reflect the continuous efforts done towards improving our disclosure processes.

GHG AND CLIMATE CHANGE

3. GHG Assessment

PROLINTAS began by making an assessment of its GHG emission for its Group's operations for 2019 to 2022. The assessment is made in accordance with GHG Corporate Accounting and Reporting Standard and aligned with ISO 14064-1:2018 – Part 1. The assessment covers extensive profiling of Scope 1, Scope 2 and 8 out of 15 categories of Scope 3, which enabled an accurate representation and understanding of the Group's carbon emission. As the Group continues to finalise its Climate Strategy, PROLINTAS aims to chart its emission reduction pathway and identify short and long term targets, in line with National Goals and the Intergovernmental Panel on Climate Change (IPCC) scenarios.

→ PROLINTAS Group GHG Emission Boundary



Scope 1: Direct GHG emissions from our operations

- Covers consumption of diesel from generators used at PROLINTAS Highways.
- Covers consumption of petrol and diesel by PROLINTAS-owned vehicles (i.e. patrolled, pooled and maintenance vehicle).
- Covers fugitive emission from fire suppression, refrigeration and air conditioning devices in facilities or vehicles.

Scope 2: Indirect GHG emissions from generation of electricity

- Covers PROLINTAS purchased electricity from the grid for office buildings, toll plazas and mainline (street lighting and high mast).

Note:
Scope 3: Category 4: Upstream Transportation and Distribution were not estimated due to the unavailability of data and low level of readiness. However, we are committed to improve as we progress in our sustainability journey.

Scope 3: Category 8: Upstream Leased Asset is Included Elsewhere (IE) based on the leasing type and consolidation approach in accordance to the GHG Protocol Corporate Accounting and Reporting Standard. This emission is reported under Scope 1 and 2.

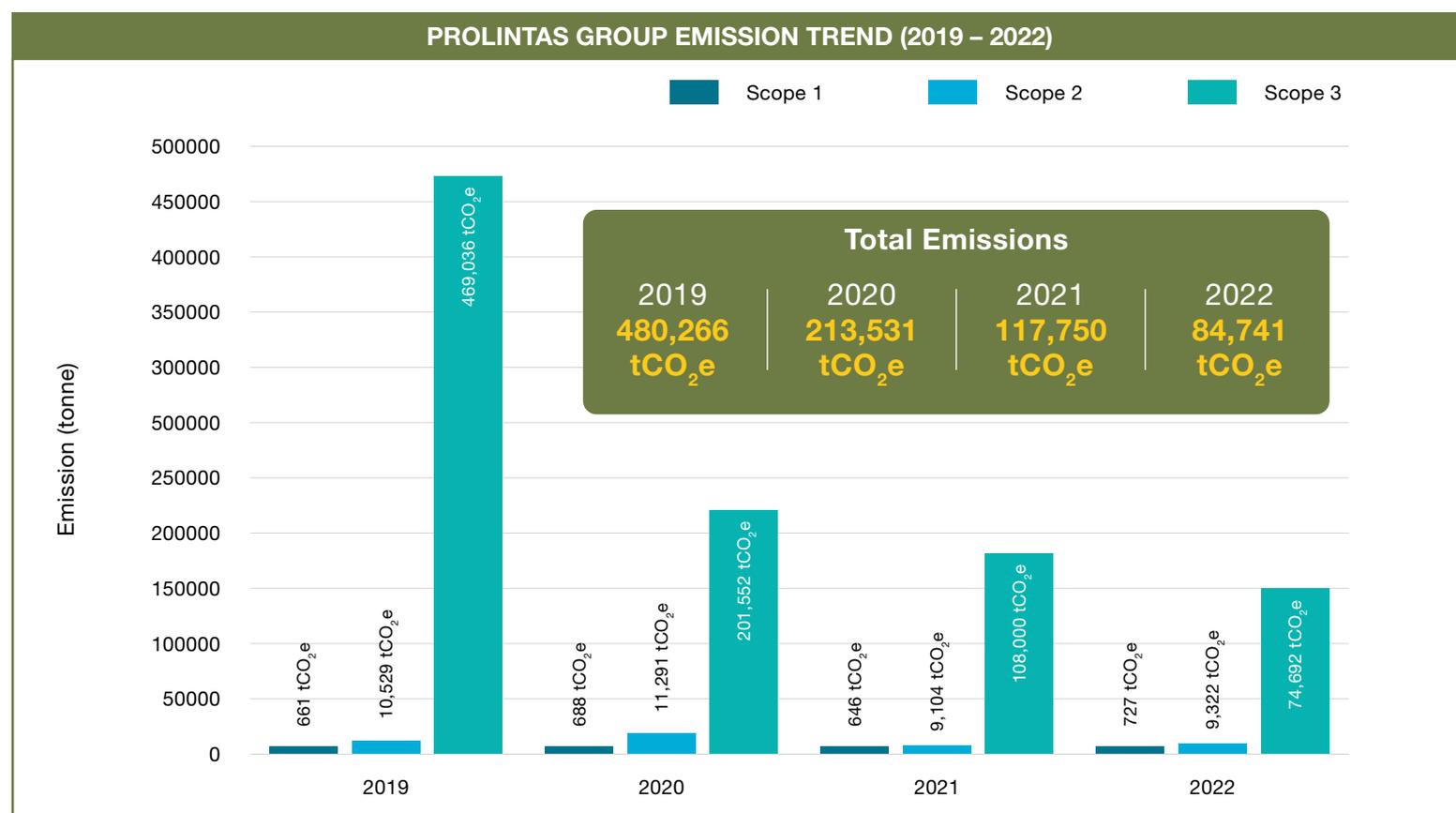
Scope 3: PROLINTAS core business revolves around provision of services as a highway operator. Thus, Scope 3, Category 9: Downstream Transportation and Distribution, Category 10: Processing of Sold Products, Category 11: Use of Sold Products and Category 12: End-of-Life Treatment of Sold Products are Irrelevant (IR) to us.

Scope 3: PROLINTAS does not engage in franchising activities at all, nor do we engage in any investment activities that are significant enough to be registered under Scope 3, Category 14: Franchises and Category 15: Investments respectively.

Scope 3: Indirect GHG emissions from our value chain

- Category 1: Covers construction and maintenance works, services of existing expressways and office materials purchased
- Category 2: Emissions from the construction of New Project and embodied carbon of new fleet purchased by PROLINTAS
- Category 3: Covers embodied emissions of electricity and fuel consumed by PROLINTAS
- Category 5: Covers waste generated in PROLINTAS operations
- Category 6: Covers flight and ground transportation for business travel
- Category 7: Covers Employees commuting from home to office, estimated using survey conducted with 95% confidence interval
- Category 8: Upstream Leased Assets indicated as 'Included Elsewhere' based on the leasing type and consolidation approach under GHG protocol
- Category 13: Covers the electricity and LPG consumed by tenants at PROLINTAS Rest and Service Areas (RSAs)

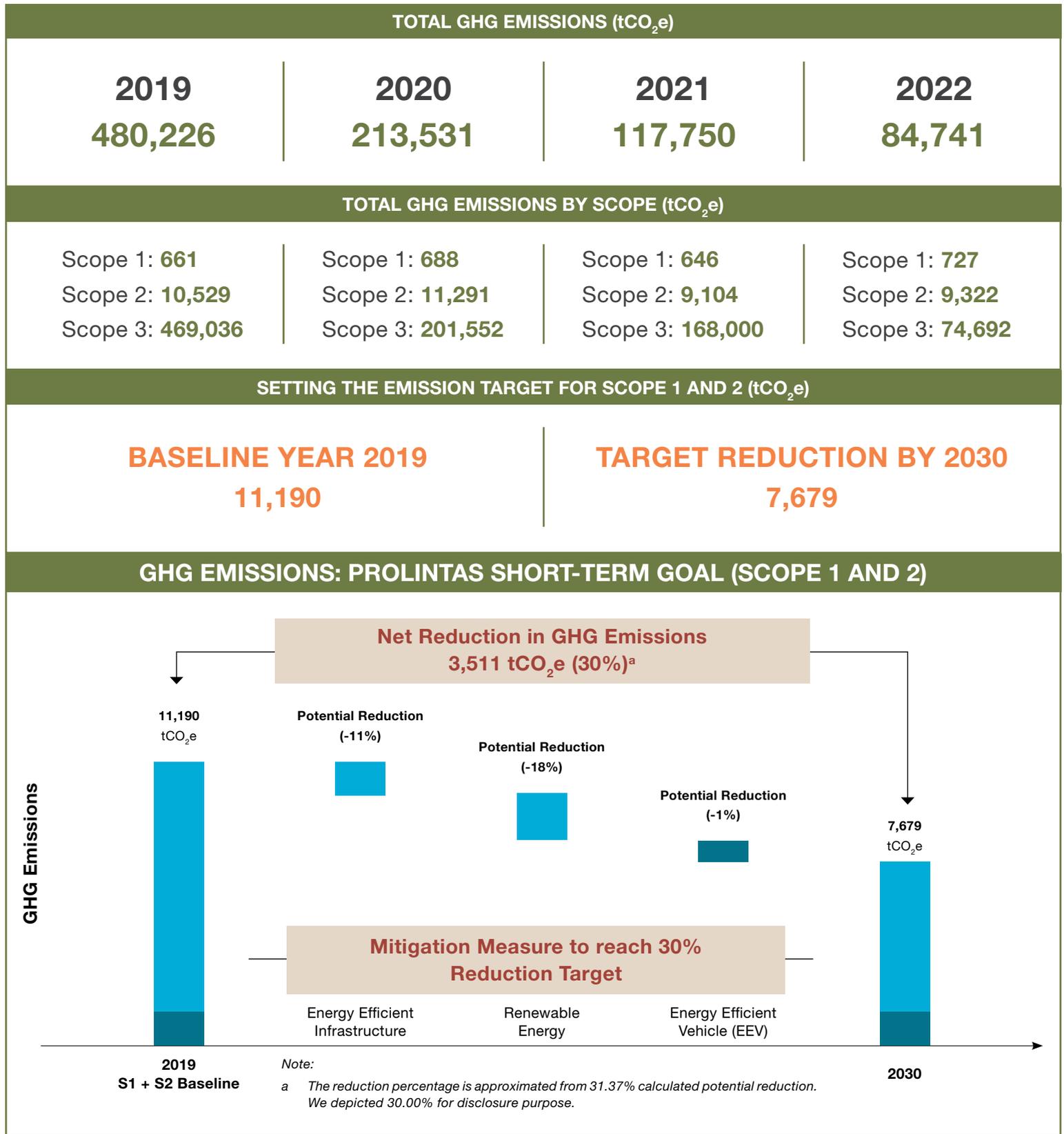
4. PROLINTAS GHG Emission Trend 2019 - 2022



PROLINTAS GHG Emission Trend by Categories 2019 - 2022

Greenhouse Gas Emissions (tCO ₂ e)	Group			
	2019	2020	2021	2022
Scope 1 Emissions				
Stationary Combustions	3.14	3.14	8.03	3.43
Fugitive Emissions	323.57	351.70	315.05	333.19
Mobile Combustion Emissions	334.00	333.49	322.98	390.70
Total Scope 1 Emissions	660.71	688.33	646.06	727.33
Scope 2 Emissions				
Purchased Energy	10,528.95	11,290.55	9,104.42	9,321.80
Total Scope 2 Emissions	10,528.95	11,290.55	9,104.42	9,321.80
Scope 3 Emissions				
Category 1: Purchased Goods and Services	83.95	3,123.68	1,605.88	2,532.52
Category 2: Capital Goods	454,846.13	183,226.63	153,829.31	59,005.41
Category 3: Fuel and Energy Related Emissions	12,179.96	13,053.60	10,538.23	10,795.77
Category 5: Waste Generated in Operations	18.70	198.28	226.32	238.25
Category 6: Business Travel	85.82	44.67	34.25	94.99
Category 7: Employee Commute	1,150.93	1,188.30	1,171.31	1,282.99
Category 8: Upstream Leased Assets	IE	IE	IE	IE
Category 13: Downstream Leased Assets	670.49	716.47	594.40	741.80
Total Scope 3 Emissions	469,035.99	201,551.63	167,999.71	74,691.73
Total GHG Emissions	480,225.65	213,530.51	177,750.19	84,740.86

GHG AND CLIMATE CHANGE



PROLINTAS has been making commendable efforts to reduce its carbon footprint over the years, as evidenced by the declining emissions trend shown in Table above. The main driver of this trend is Scope 3: Capital Goods, which constitutes the consumption of raw materials for the construction of the SUKE and DASH highways. This accounted for 95% of the total emissions in 2019. However, this figure progressively decreased from 89% in 2020 to 87% in 2021 and 70% in 2022 due to the completion of construction work ahead of the operation of the SUKE and DASH highways in September and October 2022. PROLINTAS's efforts to reduce emissions from capital goods include exploring alternative materials and using more sustainable construction practices.

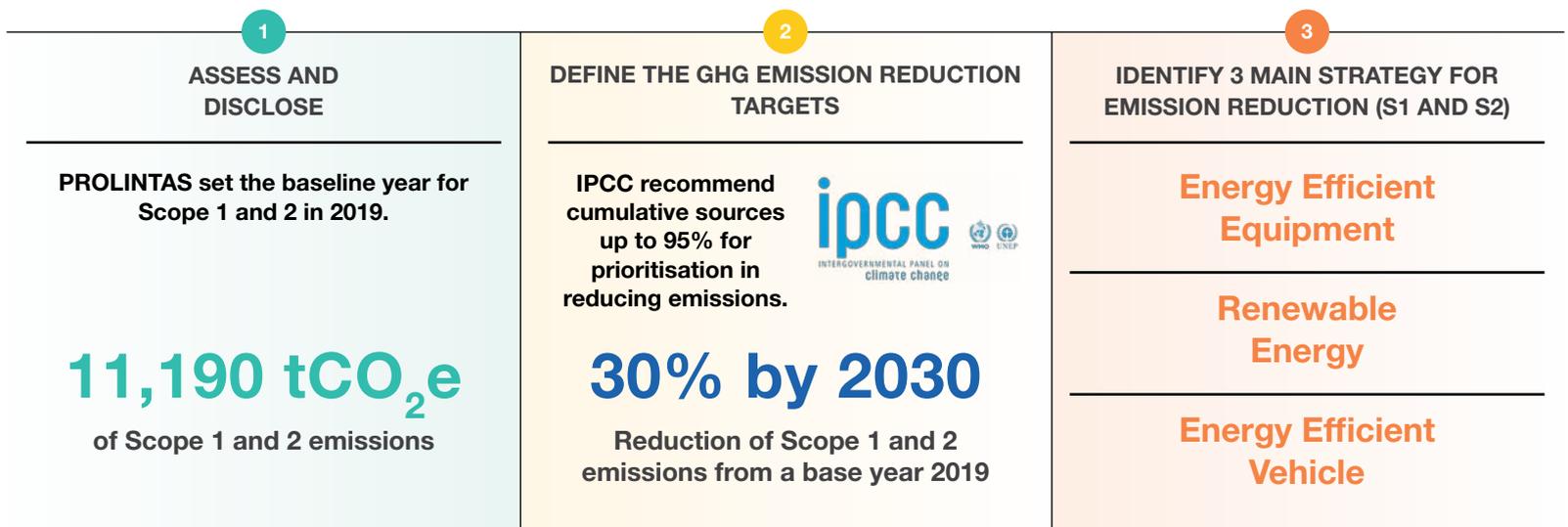
Scope 3: Fuel and Energy-Related Activities were the second significant contributor to the emissions trend, accounting for 2.5% of emissions in 2019, increasing to 6% in 2020 and 2021, and 12% in 2022. The consumption of fuel by stationary and mobile assets, as well as purchased electricity, influenced this category. PROLINTAS aims to reduce emissions from this category by optimising its fleet activities and exploring the use of alternative energy sources.

Lastly, Scope 2 emissions for Purchased Electricity was the third highest contributor to the emissions trend, with a contribution of 2% in 2019, rising to 5% in 2020 and 2021, and reaching 11% in 2022. This category includes electricity consumption by offices, toll plazas, hostels, street lighting, and others such as traffic lights and VMS. To reduce emissions from Scope 2, PROLINTAS has implemented measures to enhance energy efficiency and explore the use of renewable energy sources.

5. PROLINTAS Charting its Emission Reduction Pathway

PROLINTAS is committed to playing its part in creating a climate-conscious future by implementing a range of sustainability initiatives that reduce its carbon footprint. We recognise our role and responsibility in addressing climate change and are working towards meeting short-term targets while setting ambitious future goals.

In 2022, PROLINTAS publicly disclosed its short-term targets and mitigation strategies for Scope 1 and 2 emissions, demonstrating our commitment to sustainability. We strive to be transparent in reporting on its sustainability performance and continuously improve its practices to meet the evolving needs of our stakeholders and the environment. While the reduction target for Scope 3 is currently being managed and monitored internally, we remain committed to reducing our carbon footprint across all scopes.



1 PROLINTAS commits to disclose its emission reduction targets covering Scope 1 and Scope 2, as the Scope 3 reduction enablers are currently been monitored and managed internally.

2 The reduction percentage is approximated from 31.37% calculated potential reduction. We depicted 30.00% for disclosure purpose.

GHG AND CLIMATE CHANGE

6. Key Prioritisation for Mitigation (Scope 1 and 2)

PROLINTAS has identified the reduction of emissions from Scope 1 and 2 as a key priority for mitigating its carbon footprint. As guided by the recommendations of the Intergovernmental Panel on Climate Change (IPCC) which proposes cumulative sources up to 95% for prioritisation in reducing emissions, we have set a target to tackle 96% of emissions from three main sources.

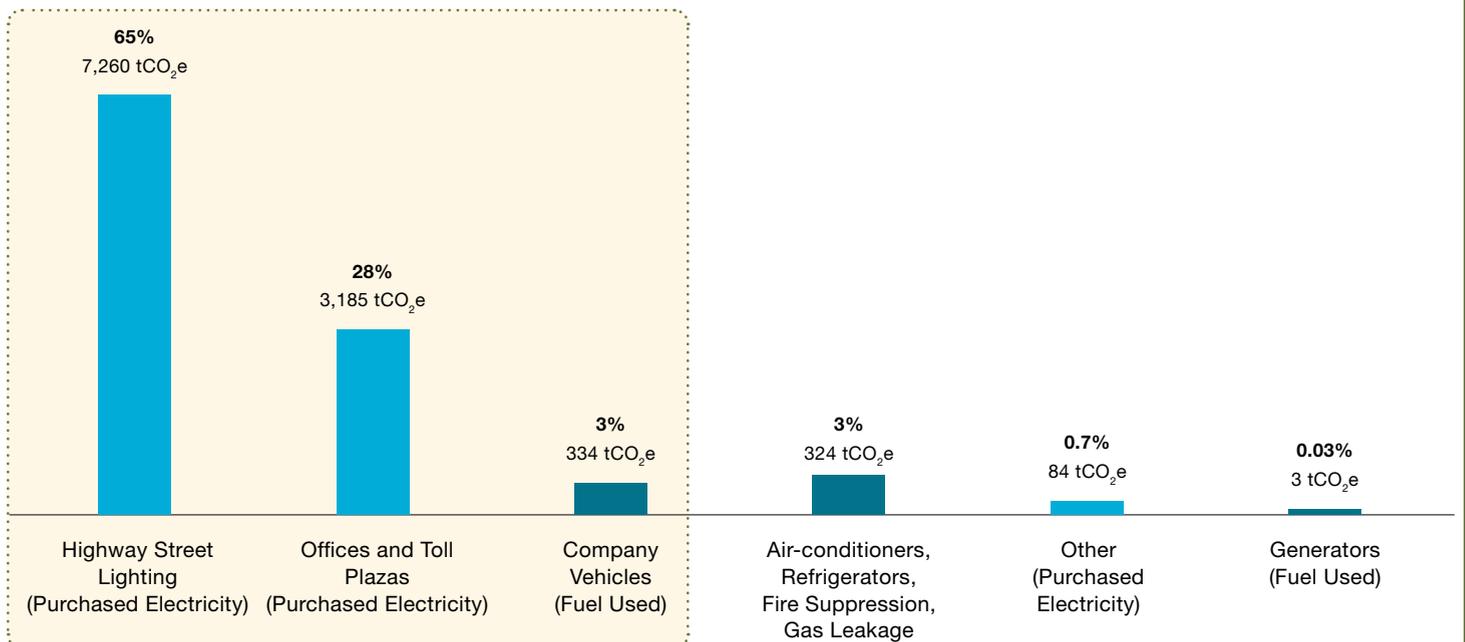
The three main sources of emissions from our highway operations include 65% from highway street lighting, 28% from the purchase of electricity for our highways and toll plazas, and 3% from the purchase of fuel for our company fleets. By prioritising emissions reduction from these key sources, we can make progress towards achieving our goal of reducing GHG emissions by 30% in 2030, compared to the baseline year of 2019.

GHG EMISSION PRIORITISATION FOR MITIGATION (SCOPE 1 AND 2)

Short Term Target (2030)	Performance Indicators	Baseline Year Emission Scope 1 and 2 (2019)	Short Term Target (2030)
Reduce our GHG emissions by 30% by 2030 vs base year 2019	Tons of GHG emitted (Scope 1 and 2) ⁽¹⁾	11,190 tCO ₂ e	7,679 tCO ₂ e ⁽²⁾

Tackling 96% of emission from 3 emission sources (Baseline Year 2019)

- Total Emissions (S1 and S2): 11,190 tCO₂e
- Top 3 largest emissions sources (96%) are selected for mitigation.
 - Highway Street Lighting (Purchased Electricity)
 - Offices and Toll Plazas (Purchased Electricity)
 - Company Vehicles (Fuel Used)
- IPCC recommends cumulative sources up to 95% for prioritisation.



7. Strategy 1: Energy-Efficient Equipment

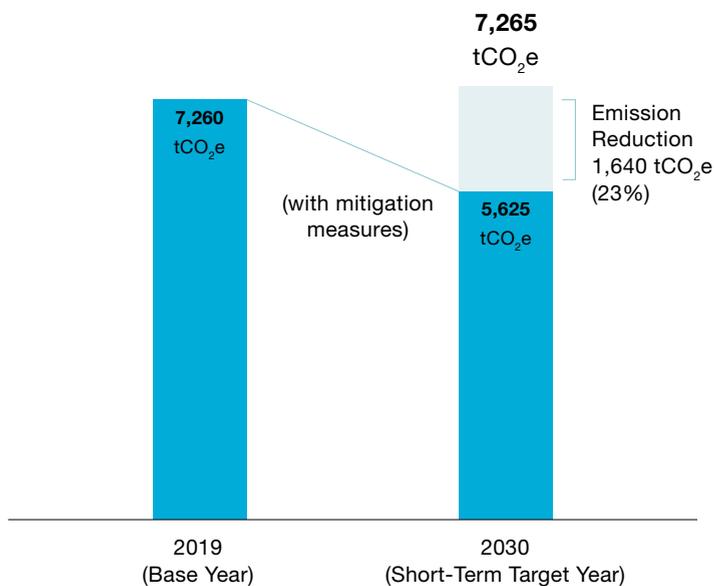
PROLINTAS has embarked on its energy efficiency journey over the past years, and have made a firm commitment to switch from traditional SON lightings to more energy-efficient LED lightings. We have made significant progress in this area by converting almost 65% of our street lights to energy-efficient LED lighting and plan to continue the conversion process in the coming years. This effort aims to reduce approximately 50% of highway street lighting electricity consumption without compromising the safety and comfort of road users.

Additionally, PROLINTAS has implemented Smart Lighting features equipped with a dimming function and photo sensor on three of its highways (SILK, SUKE and DASH). The implementation of these features has enabled the optimisation of street lighting through a smart lighting system that offers a range of sustainable benefits, including the ability to control and adjust light output based on vreal-time data. Equipped with dimming features, photo sensors, timers, and monitoring capabilities, the street lights can be programmed to reduce the brightness by 50% from 12.00 a.m. to 7.00 a.m.

It is estimated that with these measures in place, PROLINTAS will be able to reduce 1,640 tCO₂e (23%) emissions by 2030, further reducing emission from street lighting. Furthermore, efforts at reducing emissions from street lighting sources (Scope 2) also extend to the reduction of emissions from Scope 3 Category 3: purchased fuel and electricity (embodied emissions). As such, PROLINTAS's mitigation measures will help to address the reduction of emissions across all aspects of its operations.

3 MAIN STRATEGIES TO REACH 30% REDUCTION BY 2030

STRATEGY 1



ENERGY-EFFICIENT EQUIPMENT

LED STREET LIGHTING

Reduces GHG emission by replacing SON lanterns with LED lanterns which uses significantly less energy.

Objective of reducing approximately 50% of highway electricity consumption without compromising the safety and comfort of our road users.

SMART LED LIGHTING

Address the optimisation use of street lighting through smart lighting system that offers a range of sustainable benefits including the ability to control and adjust light output based on real time data.

Equipped with dimming features, photo sensors, timers and monitoring capabilities, the street light can be programmed to reduce the brightness by 50% from 12.00 a.m. to 7.00 a.m.

GHG AND CLIMATE CHANGE

8. Strategy 2 – Increase Use of Renewable Energy

PROLINTAS is leveraging the use of renewable energy sources as part of its strategy to reduce emissions. One of the key renewable energy initiatives is the installation of rooftop solar photovoltaic (PV) panels at toll plaza buildings. Since our first installation of photovoltaic panels at SUKE and DASH, we have progressively increased the mix of renewable energy in our highway operation.

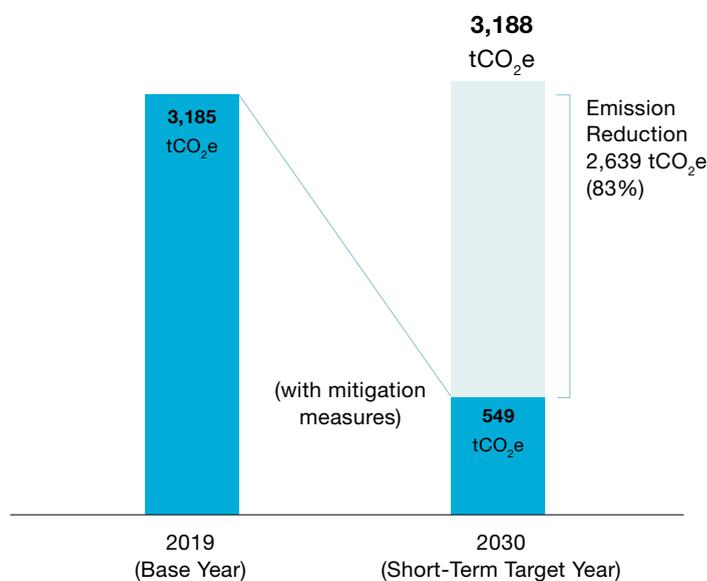
We aim to maximise solar deployment at highway premises, having already installed eight solar PV panels at our toll plaza buildings. With this, PROLINTAS has already reduced its grid dependency and is exploring using renewable energy sources within its building compounds. Additionally, we plan to install another 10 solar panels at toll plazas and Rest and Service Areas (RSA) with a potential generation of 3,179,284 kWh/year. This would represent almost 70% of our total annual building electricity consumption for by 2030.

PROLINTAS is also committed to increasing the use of solarised lighting. This eco-friendly and cost-effective solution operates independently off-the-grid electricity and is implemented in common areas such as car parks, motorcycle shelters, walkways, lay-bys, and landscape lighting. Moreover, PROLINTAS has launched an Energy Savings Campaign across its highway operation and headquarters, which has the potential to account for a 5% reduction in energy consumption annually.

With these initiatives, PROLINTAS estimates that it will be able to reduce 2,639 tCO₂e (83%) emissions by 2030 resulting from the purchase of electricity from its Toll Plaza and Operating Offices.

3 MAIN STRATEGIES TO REACH 30% REDUCTION BY 2030

STRATEGY 2



INCREASE USE OF RENEWABLE ENERGY

ROOFTOP SOLAR PHOTOVOLTAICS (PV) INSTALLATION

We reduce the dependency on grid and explore the use of renewable energy within our building compounds. As of year 2022, we already installed solar PV panels at 8 of our toll plaza.

In the pipeline, we planned to install another 10 solar panels at our toll plaza and RSA with potential generation of 3,179,284 kWh/year which equals to almost 70% of our total annual building electricity consumption.

SOLARISED LIGHTING

Eco-friendly and cost-effective solution as it operates independently off grid electricity.

Implementation of this initiative focused on common areas such as car parks, motorcycle shelters, walkways, lay-bys and landscape lightings.



9. Strategy 3: Transitioning to EEV Vehicles

PROLINTAS is committed to reducing emissions from its fleet activities, transitioning to energy-efficient vehicles (EEV) and implementing a Green Fleet Management strategy. We recognise the crucial role that the fleet plays in highway maintenance and patrolling activities in our operations and have taken significant steps towards reducing emissions from its fleet activities.

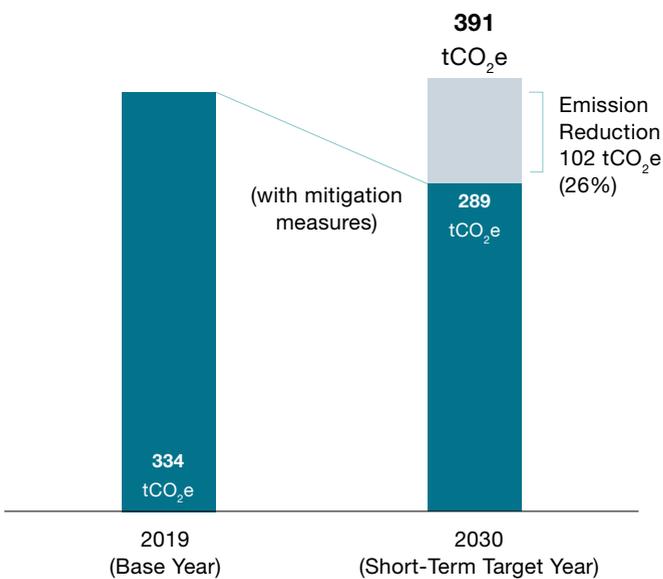
In 2021, PROLINTAS procured five EEV cars for highway maintenance, one EEV 4x4 for patrolling, and six EEV cars for its corporate fleet. As of 2022, the company has added another EEV 4x4 for patrolling and is committed to prioritising the procurement of EEV vehicles that meet the specifications set across its operation.

PROLINTAS has implemented a Green Fleet Management initiative that leverages real-time data to monitor vehicle maintenance, movement, location, driving behaviour, fuel consumption, and speed to optimise its fleet management further. This innovative approach aims to enhance driving behaviour and optimise fleet usage, ultimately leading to a reduction in carbon emissions.

By implementing these strategies, PROLINTAS expects to decrease its purchased fuel emissions by 102 tCO₂e (28%) by 2030. These mitigation measures not only contribute to the reduction of emissions in all aspects of its operations but also help to address the reduction of embodied emissions, specifically in Scope 3 Category 3: purchased fuel and electricity.

3 MAIN STRATEGIES TO REACH 30% REDUCTION BY 2030

STRATEGY 3



TRANSITIONING TO EEV VEHICLES

ENERGY EFFICIENT VEHICLE (EEV)

Address the prioritisation of procuring of Energy Efficient Vehicles (EEV), meeting the specification set (fuel economy, carbon emission level) by MARII^a.

GREEN FLEET MANAGEMENT STRATEGY

Innovation in fleet vehicle monitoring in real-time that includes, vehicle maintenance, vehicle movement, real time location, non-compliance driving behaviour, fuel consumption, and speed.

Innovative use of GPS and Real Time Data in identifying, analysis of vehicle trip and distance travelled.

Aim to enhance driving behaviour and optimise usage of fleets which contribute to optimisation usage of fuel.

^a Malaysia Automotive Robotics and IoT Institute

GHG AND CLIMATE CHANGE

→ PROLINTAS Key Highlights Mitigation Measures for 2030 Scope 1 and Scope 2

Scope 1	Mitigation Completed	Mitigation Required	Reduction by 2030
	Energy Efficient Vehicles (2021 - 2022) <ul style="list-style-type: none"> Maintenance - 5 cars purchased Patrolling - 2 pickup trucks purchased Corporate Fleet - 6 cars purchased 	Energy Efficient Vehicles (2030) <ul style="list-style-type: none"> Maintenance - 15 pickup trucks to be replaced Patrolling - 23 pickup trucks to be replaced Corporate Fleet - 12 cars to be replaced 	 <p>102 tCO₂e</p>
	Highway Street Lighting <ul style="list-style-type: none"> 9,453 street lighting lanterns installed 1,514 LED high mast lanterns installed Toll Plaza and Operating Office <ul style="list-style-type: none"> Solarised LED at selected places (e.g. toll office compound area) Solarised landscape lighting GCE RSAs and lay-by Motion sensors at DASH Rooftop solar PV panel installed at 8 toll plazas (yet to be commissioned) 	Highway Street Lighting SON to LED to be replaced <ul style="list-style-type: none"> GCE - 1335 lantern LKSA - 427 lantern Toll Plaza and Operating Office Reduce dependency on grid by increasing Solar PV installation at toll operating office <ul style="list-style-type: none"> AKLEH - 1 (165,085 kWh/year) GCE - 4 (1,104,203 kWh/year) LKSA - 1 (633,733 kWh/year) Kajang SILK - 4 (825,413 kWh/year) 	 <p>4,279 tCO₂e</p>



The use of LED street lighting on our highways is part of our efforts to reduce greenhouse gas emissions without compromising the safety and comfort of road users.

PROLINTAS will move forward in optimising the supply chain and adopting circular economy that will have potential GHG Emission reduction of 5,417 tCO₂e from Scope 3. As of 2022, our Scope 3 emissions are being monitored and managed internally.

Scope 3	Mitigation Completed	Mitigation Required	Reduction by 2030
	<p>Road Maintenance and Office Supply</p> <ul style="list-style-type: none"> • Low embodied carbon materials adopted • Trial- (MacRebur-Bitumen mix) at GCE for road maintenance • IBS Practice at DASH • Digitalisation to reduce papers <p>Fuel and Electricity (Embodied)</p> <ul style="list-style-type: none"> • Any reduction in fuel and electricity purchased in S1 and S2 will be reflected <p>RSA Tenants</p> <ul style="list-style-type: none"> • LED light installed <p>Waste Generated</p> <ul style="list-style-type: none"> • Food composting at RSA, GCE • Waste separation and recycling at HQ and Subsidiaries • Scrap metals recycled <p>Employee Commuting</p> <ul style="list-style-type: none"> • 30% of eligible employee to work from home (WFH) 	<p>Road Maintenance and Office Supply</p> <ul style="list-style-type: none"> • Adopt low embodied carbon materials • Establish Green Procurement and SOP <p>Business Travel</p> <ul style="list-style-type: none"> • Develop policy and guidelines to option low carbon emissions airlines <p>Fuel and Electricity (Embodied)</p> <ul style="list-style-type: none"> • Any reduction in fuel and electricity purchased in S1 and S2 will be reflected <p>RSA Tenants</p> <ul style="list-style-type: none"> • Energy awareness and good practices campaign • Adoption of energy efficient appliances <p>Waste Generated</p> <ul style="list-style-type: none"> • Increase separation and recycling programme • Repurpose pruned tree branches • Awareness campaign on waste management <p>Employee Commuting</p> <ul style="list-style-type: none"> • Increase percentage of employee work from home • Incentives to employee that use public transport or own EV 	<div style="text-align: center;">  <p>Note: Estimated potential emissions reduction</p> </div>

MOVING FORWARD

PROLINTAS has taken a proactive step towards addressing GHG and climate change matters through partnership with MGTC. Based on the assessment, we plan to strengthen efforts towards reducing our carbon footprint. This will involve close monitoring of annual GHG inventory, implementing a data-gathering through Data Warehousing, accelerate awareness programmes on climate change among our employees as well as supply chain and re-assessing our current highway operation practices. In tandem, PROLINTAS intends to ramps up its efforts in reducing emission from Scope 1 and 2 through the initiatives depicted in the 3 main levers. We are committed to improve as we progress, exploring pilot project or proof-of-concept (POC) project for post-2030 mitigation measures as soon as it becomes economically viable to do so.

WATER MANAGEMENT



→ Ensuring water discharge from our highways do not pose a threat to nearby rivers.

→ GRI STANDARDS

GRI 303:
Water and Effluents



- Target 6.3
- Target 6.4

→ WHY IT MATTERS

PROLINTAS recognises the importance of water management in ensuring its sustainable and efficient use of water resources, protection of the environment by preventing water pollution, mitigation of water-related risks such as flooding, and effective cost management to generate long-term operational cost savings. We are keenly aware of the fragility and finiteness of natural resources and take great care to manage water consumption responsibly.

KEY HIGHLIGHTS

Reduce Water Intensity (Consumption) (m ³ /Mil Traffic)	↓	607.86	665.43	480.01
		2020	2021	2022

Harvesting Rainwater
226,000 Litres

Design Capacity
to Date

97%
Standard A

100%
Standard B

Compliance on Effluent
Discharge Standard 2022



WATER MANAGEMENT

OUR APPROACH

PROLINTAS manages its water resources by adopting water conservation measures, wastewater treatment, and rainwater harvesting. We also monitor and report our water management efforts to our Management and the relevant authorities. These strategies aim to reduce its water footprint and promote sustainable water management in the communities where it operates.

OUR PROGRESS

1. Water Management: Conserving as We Operate

Business as usual approach to water management is no longer sufficient. PROLINTAS is taking steps to view our direct water footprint resulting from our highway operations. We withdraw our water from municipal third-party water supplies, and they are categorised as freshwater. Our water consumption is mainly used for sanitation purposes, landscaping and cleaning activities.

Water stress zones do not apply to us because we do not contribute to Malaysia's or our surrounding areas' failure to meet water demands from humans and the environment. As an alternative, we practised rainwater harvesting to increase the mix of recycled water in our operational use - mainly for non-potable consumption. However, we do not have the sufficient data on its consumption for the time being and no disclosure is made on the use of recycled water for this Report.

→ Water Consumption

PROLINTAS uses **100%** surface water for its highway operations.

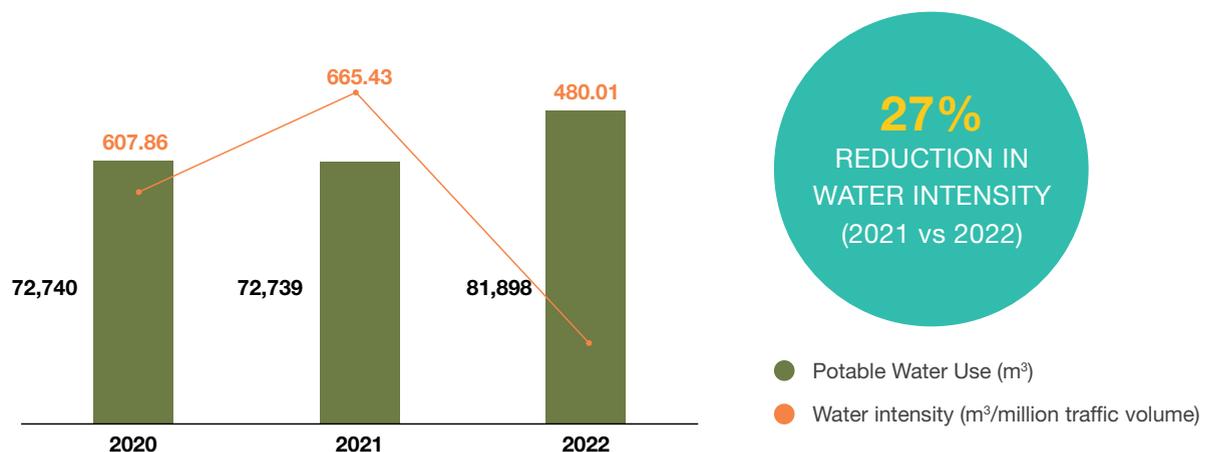
→ Water Intensity Trend 2020 - 2022

607.86	665.43	480.01
2020	2021	2022

Water Consumption	2020	2021	2022
Potable Water Use (m ³)	72,740	72,739	81,898
Water intensity (m ³ /million traffic volume)	607.86	665.43	480.01

Note: As of December 2022, SUKE has not received water from municipal third-party water supplies due to the on-going transition from construction phase to operation phase. As such, water consumption data for SUKE is unavailable, and is not disclosed in this Report. Disclosure will be made once the data becomes available.

WATER USAGE AND INTENSITY OF PROLINTAS HIGHWAY OPERATION (m³)



In 2022, PROLINTAS charted 13% increase in absolute water consumption compared to 2020. Due to the lifting of the Movement Control Order (MCO), higher operations activity was anticipated and there was an increase in water consumption across our operation. Conversely, our traffic volume increased, partly due to opening SUKE and DASH, which contributed to lower water intensity recorded per million traffic volume for 2022.

WATER MANAGEMENT

2. Managing Effluent Discharge

PROLINTAS recognises the critical role of protecting water quality amidst the challenges posed by climate change. With this understanding, we are committed in taking steps to minimise the impact of our highway operations on water quality. As part of our water management efforts, all wastewater captured by sewage treatment plan (STP) operated by PROLINTAS is treated in a form that is safe for the environment before being discharge to waterways.

Managed by IWK	Managed by PROLINTAS
 	   

→ Sewage Treatment Plant (STP) Performance

We are committed to ensure STPs operate at an optimum efficiency level to generate treated effluents that can be safely released into waterways. This help to further reduce the amount of pollutants directed to our ecosystem.

- 1 Conduct monthly sampling of the treated final effluent discharge to ensure compliance with the standards set
- 2 Report results of effluent testing to the Department of Environment (DOE) for transparency and good governance
- 3 Operation of STP at each respective Highway will be supervised by competent person - Certified Environmental Professional Sewage Treatment Plant Operation (CePSTPO)
- 4 Routine maintenance of STPs is done frequently and implemented in ISO 9001 and ISO 14001
- 5 Desludging activities are done to mitigate environmental impacts on the environments



Monthly inspection is performed on our Sewage Treatment Plant to ensure the water discharged does not pose a threat to public health or the environment.



→ **Effluent Sampling and Compliance**

STPs' discharge has the potential to be a cause of pollution. PROLINTAS views this seriously and adheres to stringent risk-mitigation measures. The performance of the effluent discharge from STPs operated by PROLINTAS is measured by the yearly compliance level, which depicts the number of times the effluent test is recorded below the max limit on Standard A and Standard B parameters. The effluent test readings are extracted from the monthly Certificate of Analysis (COA) conducted by an Accredited Laboratory for each respective plant. Regular maintenance and inspections are essential to ensure the quality of wastewater discharge is within the allowable limits.

→ **Percentage (%) Compliance of STP Effluent Discharge**



Note:

- Percentage (%) of compliance is measured by the number of times the effluent test recorded below the max limit on Std A and Std B (Based on Parameters (BOD, COD, TSS, Oil and Grease, Ammoniacal Nitrogen)
- Addition of one Sewage Treatment Plant (STP) at LKSA – Alam Impian – in 2022

3. Water Conservation Efforts

→ **Incorporate Water-Efficient System**

We also look to incorporate Water Efficient System, which are among the elements emphasised in building designs, to meet the Green Building Index. We have incorporated this in the newly constructed SUKE and DASH highways and will include water-efficient fixtures and fittings in any new refurbishment or rejuvenation exercise of PROLINTAS assets and buildings.

Phase	Initiative
Design	Incorporating water-efficient fittings and fixtures (Self Closing Taps, Regulator Flow) at new buildings or any new building rejuvenation project
Operation	Conducting routine checks on pipes, taps, toilet flushing system
	Harvesting rainwater for landscape irrigation, washing patrolling vehicles
	Adopting Building Management System (BMS) technology as a tool for maintenance and performance monitoring
	Improving stakeholder awareness of water conservation

4. Hydrology and Drainage

→ **Flood Mitigation**

Climate change is expected to increase the frequency and intensity of extreme weather events, such as floods. As such, knowing this climate risk may affect our business and our surrounding communities, we are constructing more effective stormwater management infrastructure as well as widening/deepening road drainage as part of our mitigation programme to minimise flood risk.

To date, we have constructed 23,951 m³ retention pond and 35,260 m³ detention pond at designated area along our Highways.

WATER MANAGEMENT

Total Retention and Detention Pond Capacities at PROLINTAS Highways

Detention Pond
Capacity (m³)
23,951

Retention Pond
Capacity (m³)
35,260

Case Study at Bukit Jelutong, GCE Highway

Usage

Maintain stormwater quantity by providing retention at designated locations to prevent flood at the Bukit Jelutong interchange

Workability

Since January 2022, there has been no need for lane closure at the location, and the mitigation plan has succeeded

Advantages/ Sustainability aspect

- Road safety
- Customer comfort and convenience

These initiatives are not only preventing flooding but also enhancing the driving experience for our road users through the avoidance of traffic diversions and road closures. It helps to ensure the resilience of our assets during heavy rainfall and, importantly - PROLINTAS strives to lower the probability of flood-related accidents.



Retention pond at GCE that is designed to store excess rainwater or runoff from surrounding areas, thereby reducing the risk of flooding.



5. Increase Mix of Recycle Water in Our Operational Use

In recent years, there has been growing interest in the use of recycled water as a way to minimise the amount of potable water used in our Highway Operation.

Here at PROLINTAS, we recognise the value of water and have taken steps to ensure that we use this precious resource wisely. We have installed Rainwater Harvesting System with a total 226,000 litres design capacity at four of our highways, namely GCE, LKSA, SILK and DASH. Through this initiative, we aim to reduce the amount of potable water that we use for non-potable purposes, such as landscaping and cleaning activities.

Total Rain Water Harvesting System (RWH) Design Capacity at PROLINTAS (2022)



RWH Design Capacity
226,000
Litres

“

On average, the amount of water that we manage to conserve is almost the same as the amount of water used by **900 Malaysians** on a daily basis.

”

Note:

- Based on Statistical Department 2021: Malaysians use on average 251 Litres of water per day
- RWH Design Capacity based on Highways -DASH (214,000 L), GCE (10,000 L), LKSA (1,000 L), SILK (1,000 L)

→ Benefits of Rainwater Harvesting System

1	BETTER WATER MANAGEMENT	Rainwater Harvesting helps to better manage PROLINTAS's water resources, allowing for more effective and efficient use of water in Highway Operation.
2	ENHANCED WATER SECURITY	Harvesting rainwater provides a reliable source of water during periods of low rainfall, reducing the risk of water shortages for PROLINTAS's operation activity.
3	REDUCE RUNOFF	Harvesting rainwater helps to reduce amount of runoff that might contain pollutant within PROLINTAS's buildings and assets that may contribute to pollution of nearby water bodies.
4	FLOOD CONTROL	By reducing the amount of runoff, Rainwater Harvesting can help to reduce risk of flooding, particularly in PROLINTAS's Asset Building where paved surfaces increase runoff volume.
5	COST SAVING	Harvesting rainwater can lower PROLINTAS's operating costs for highway maintenance by reducing the need for treated water.
6	ENHANCED AESTHETIC	Harvesting rainwater can also contribute to the aesthetics of highways, as collected water can be used for landscaping, water features, or other beautification projects.

MOVING FORWARD

We will continue to improve our water management efforts by promoting water conservation and efficiency and exploring alternative water sources. We will also continue to evaluate expanding water recycling and reuse system such as the Rain Harvesting System. At the same time, we will prioritise advancing our preparedness to address natural disasters with robust emergency response plans and efforts to reduce pollution and contamination to protect valuable water resources.

SUSTAINABLE MATERIALS



➔ Plastic waste materials used as a binder extender in asphalt mixtures.

→ GRI STANDARDS

GRI 301:
Materials



- Target 12.2
- Target 12.5

→ WHY IT MATTERS

In order to minimise any adverse impact on the environment and our communities, PROLINTAS carefully considers the materials used in the construction and maintenance of our highways.

KEY HIGHLIGHTS

Prioritise use of **low embodied emission asphalt** for Road Maintenance

Explore use of **recycle plastic waste extender** (MacRebur) as general road maintenance

Industrialised Building System (IBS) practices at SUKE and DASH



SUSTAINABLE MATERIALS

OUR APPROACH

Our approach considers the sustainability value of the materials used, their accessibility, and the benefits it brings in terms of time, efficiency, safety and durability. We also consider non-renewable or scarce resources to prevent issues such as resource depletion, pollution, biodiversity loss, and community displacement. We prioritise using materials that positively impact the environment and society to ensure a sustainable and responsible approach to highway operations.

OUR PROGRESS

The focus is on leveraging innovations and technology to develop and use sustainable materials that positively impact the environment, economy, and society. Specifically, we are directing our efforts towards improving pavements, structures and slopes, hydrology and drainage, as well as our landscape.

1. Pavements

→ GlassGrid for Pavement Durability and Extended Life Span

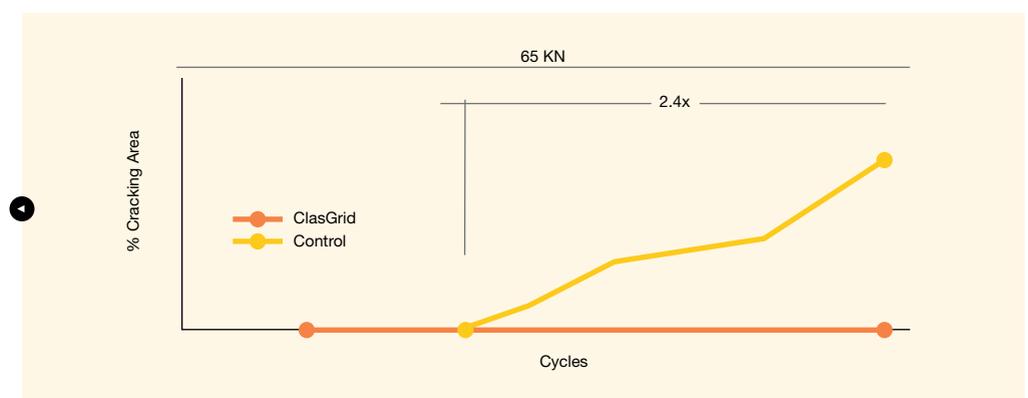
GlassGrid pavements are a type of pavement reinforcement system that can extend the lifetime and durability of road surfaces. Typically installed between layers of asphalt, these pavements are constructed using a high-strength, fibreglass grid that reinforces asphalt and extends pavement life. This has resulted in a stronger and more durable surface that reduces the need for frequent repairs and maintenance as the GlassGrid bonds to the road's surface using an asphalt adhesive.

When cracks and potholes appear in roads, the conventional way of repairing them requires milling of the asphalt layers. However, this method is also more expensive and needs more excavation and asphalt, thereby increasing carbon emissions. This process is no longer necessary with GlassGrid, as the system can be installed on the wearing course layer to prevent further damage. This reduces milling waste, saves manhours, and reduces greenhouse gas emissions. GlassGrid also reduces both thermal and stress related crackings.

<p>1 LOCATION</p>	<ul style="list-style-type: none"> GCE Highway in Pavement Rehabilitation Works in 2022 (GlassGrid used in 7,600 m² area)
<p>2 WORKABILITY</p>	<ul style="list-style-type: none"> It requires less milling depth from more than 300 mm to only 110 mm and is easy to apply
<p>3 ADVANTAGES/ SUSTAINABILITY ASPECT</p>	<ul style="list-style-type: none"> Sustainable material Longer pavement life span Lesser milling waste

The GlassGrid was first implemented at the SILK highway in December 2021 and in GCE throughout 2022. The use of GlassGrid not only reduces costs but also improves safety by reducing the time required for road repairs, ultimately providing convenience to road users.

Tests show that GlassGrid delayed the cracks by a minimum of 2.4 times compared to unreinforced sections.



SUSTAINABLE MATERIALS

→ Carpet Patch for Efficient Pavement Repair

Carpet Patch is a new method for repairing potholes that eliminates the need for traditional cut and patch techniques. With Carpet Patch, a ‘carpet’ is laid directly over the pothole. In line with our aim of leveraging innovation for sustainability, PROLINTAS was the first highway operator to use this method since 2021.



Unlike traditional cut and patch methods, Carpet Patch can be installed immediately, saving time and reducing inconvenience for road users. This installation process can be completed in less than 10 minutes by two on-duty staff on-site, without needing to close road lanes for extended periods.

The implementation of Carpet Patch is done internally, without the need for external contractors, further reducing costs and improving efficiency. Carpet Patch also offers environmental benefits, as it uses less raw materials and requires minimal heating compared to traditional methods. Overall, PROLINTAS applied the Carpet Patch method to 475 m² area where needed across all the highways in 2022.

→ Microsurfacing for Road User Safety

Microsurfacing enhances the frictional characteristic of the road, improving the resistance of skidding to the road user. It improves the skid resistance value, which is vital to prevent skidding.

Microsurfacing is a road maintenance technique used to improve resistance to skidding by enhancing its frictional characteristic. It involves the application of a thin tough layer of asphalt emulsion blended with finely crushed stone. The microsurfacing material is then spread onto

the road surface and compacted to create a smooth and durable surface. This process helps to seal small cracks and imperfections, improving the skid resistance of the road surface and reducing the risk of accidents.

1 LOCATION	<ul style="list-style-type: none"> Elmina Ramp A
2 WORKABILITY	<ul style="list-style-type: none"> Microsurfacing was installed to improve skid resistance at this location due to the high number of accidents, especially during and after rain. The area has had a marked reduction in accidents since its installation in September 2022
Before Installation (Oct. 2021 - Sep. 2022) 2 accidents reported	After Installation (Sep. - Dec. 2022) 0 accidents reported
3 ADVANTAGES/ SUSTAINABILITY ASPECT	<ul style="list-style-type: none"> Enhance the safety of the road user Mitigate accidents in accident-prone areas

Microsurfacing is also effective in extending the life of the road surface, reducing the need for more extensive and costly road repairs. Additionally, it has environmental benefits, as it uses less raw materials and energy than other road repair methods.

→ Use of Plastic Waste Extender (MacRebur) Technology

The MacRebur product utilises 100% discarded plastic materials that typically end up in landfills or incinerators. Its primary function is to serve as a binder extender and/or modifier in asphalt mixtures, thereby reducing the amount of bitumen needed while also improving or preserving the performance of the asphalt.

The product, sourced from Germany, was first tested on GCE in 2022. We aim to utilise this on the SILK highway in 2023 and progressively consider the other highways as part of our sustainability action to reduce waste and use recycled materials.



<p>1 LOCATION</p>	<ul style="list-style-type: none"> • KM 12.5 - 12.3 SB Guthrie Corridor Expressway
<p>2 WORKABILITY</p>	<ul style="list-style-type: none"> • From the quarry plant to the actual lay on-site, the product remains in good condition and provides the same strength as conventional pavements
<p>3 ADVANTAGES/ SUSTAINABILITY ASPECT</p>	<ul style="list-style-type: none"> • Use recyclable material • Enhance the pavement durability

2. Industrialised Building System (IBS)

As part of our progress to integrate sustainable materials in our construction and operations, we have realised the advantages of green practices leading to greater efficiency and project delivery. Our newly built SUKE and DASH projects are constructed through the Industrialised Building System (IBS) technique with 85% IBS utilisation at the main lines and toll plazas.

IBS has helped PROLINTAS to optimise construction time and cost, and enhance infrastructure quality without the need for scaffolding. With the IBS, precast concrete beams and segmental box girders (SBG) are adopted into highway operations. The SBG involves repetitive work resulting in time efficiency and minimising technical errors in construction.



➡ SUKE and DASH structures are constructed using the Industrialised Building System (IBS) technique.

3. Slopes and Structures

→ **Drone for Slope Monitoring**

We employ drone technology for slope monitoring as it provides easy access to inaccessible areas such as slopes, cliffs and crevices. With drones, we can better view and assess these areas without putting any of our personnel in harm's way.

The images captured by drones provide a clear and meticulous record of the current condition of assets, which can be used as baseline references to track changes in the asset's condition over time.

<p>1 USAGE</p>	<ul style="list-style-type: none"> • Use to inspect slopes, structures and culverts, especially in inaccessible areas, and as an initial observation tool prior to detailed on-foot inspection 	
<p>2 WORKABILITY</p>	<ul style="list-style-type: none"> • Commenced November 2021, drones are used for most of the inaccessible slopes areas 	
<p>3 ADVANTAGES/ SUSTAINABILITY ASPECT</p>	<ul style="list-style-type: none"> • Safety (reduce risk) • Fast and reliable • Better record and efficient 	

➡ Slope at Kajang SILK highway.

MOVING FORWARD

We will be exploring other innovations on a trial basis, such such as the ALLE-Grip at the toll bays, a thin overlay on concrete that can improve skid resistance, and Crumb Rubber Modified Asphalt (CRMA), which uses crumb rubber from old tyres to make new pavements. We remain committed to exploring and using innovative and resilient materials in our highways to promote environmental sustainability and road safety.

ENERGY USE



→ Rooftop solar photovoltaic panels installed at LKSA's Administration Office Building.

→ GRI STANDARDS

GRI 302:
Energy



- Target 7.2
- Target 7.3

→ WHY IT MATTERS

Energy use is crucial for highway operators like PROLINTAS as it significantly impacts operational costs and the environment. Energy consumption accounts for a significant portion of the operating costs of our highways, and any reduction in energy use can result in appreciable cost savings. Additionally, reducing energy use and promoting energy efficiency help to reduce greenhouse gas emissions and combat climate change.

KEY HIGHLIGHTS

REDUCED ENERGY INTENSITY

MWh/Million Traffic

130.30 MWh
2020

78.46 MWh
2022

SOLAR ROOFTOP POTENTIAL CAPACITY ELECTRICITY GENERATION

3,179,284 kWh

PROLINTAS Existing and Planned Solar Rooftop



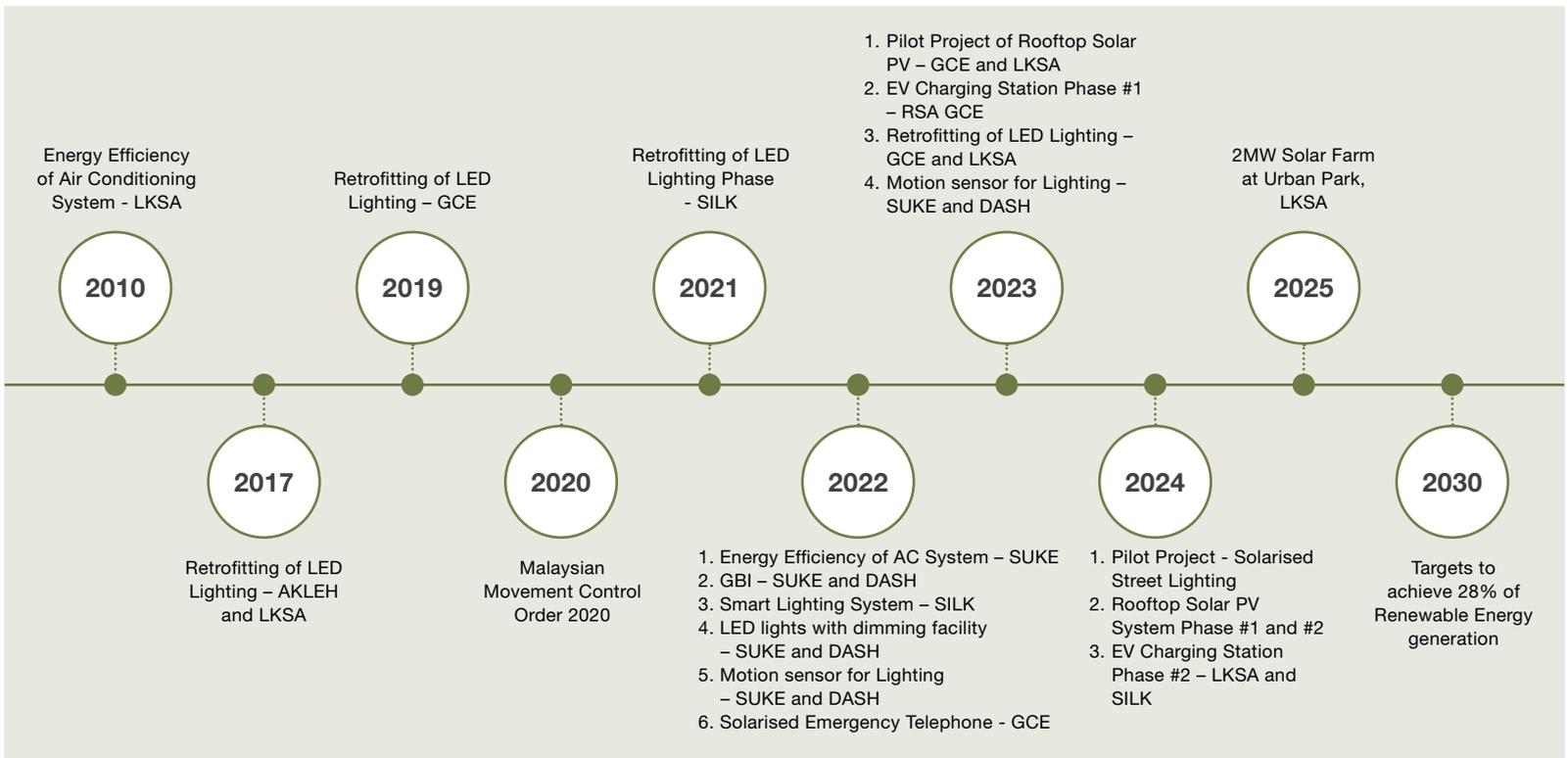
ENERGY USE

OUR APPROACH

We aim to put a number of energy-saving techniques into practise in order to reduce energy consumption and its negative effects on the environment. This involves deploying energy-efficient equipment and using green and renewable energy technology. Hence, in order to obtain both economic and environmental benefits, PROLINTAS must undertake energy efficiency efforts in our operations.

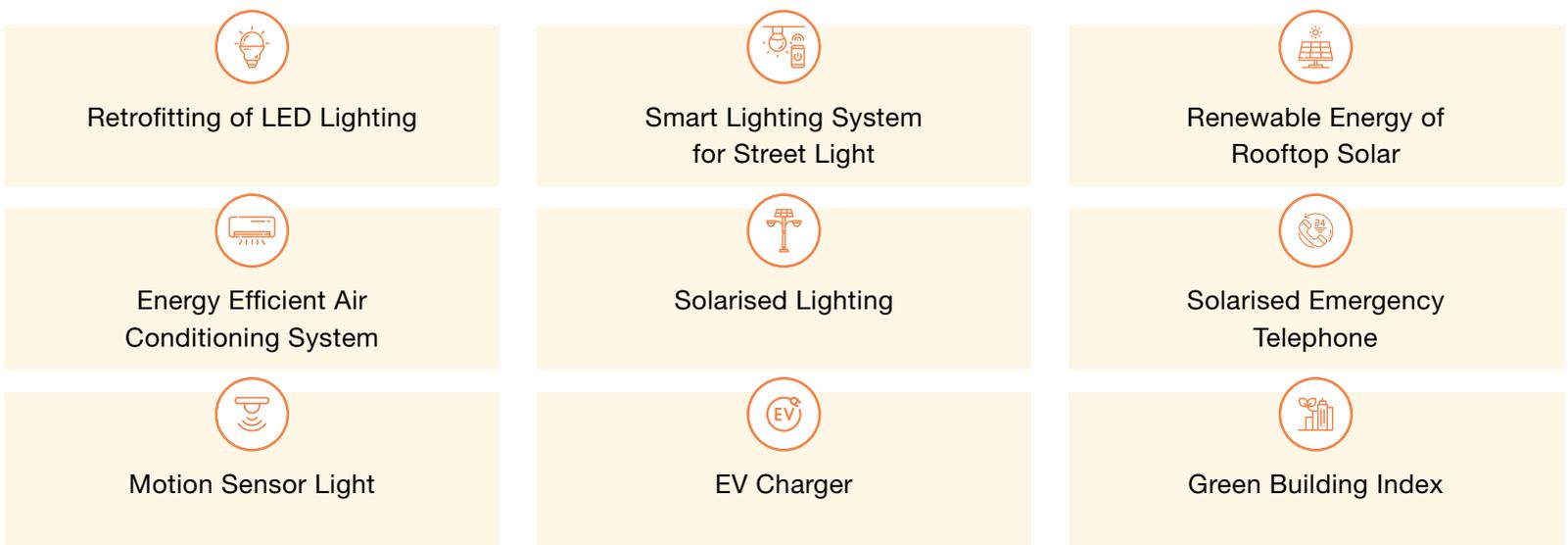
→ PROLINTAS Energy Initiatives Roadmap

In order to incorporate sustainable practises in its operations, PROLINTAS has designed an energy initiatives roadmap that explains the company’s vision and aims. The roadmap aims to achieve considerable reductions in energy consumption and greenhouse gas emissions and encompasses a number of topics, including energy efficiency, renewable energy, and green building design.



→ PROLINTAS Energy Initiatives

By 2030, we have selected nine activities that will help us successfully meet our goals for decreasing our energy use and carbon footprint.



ENERGY USE

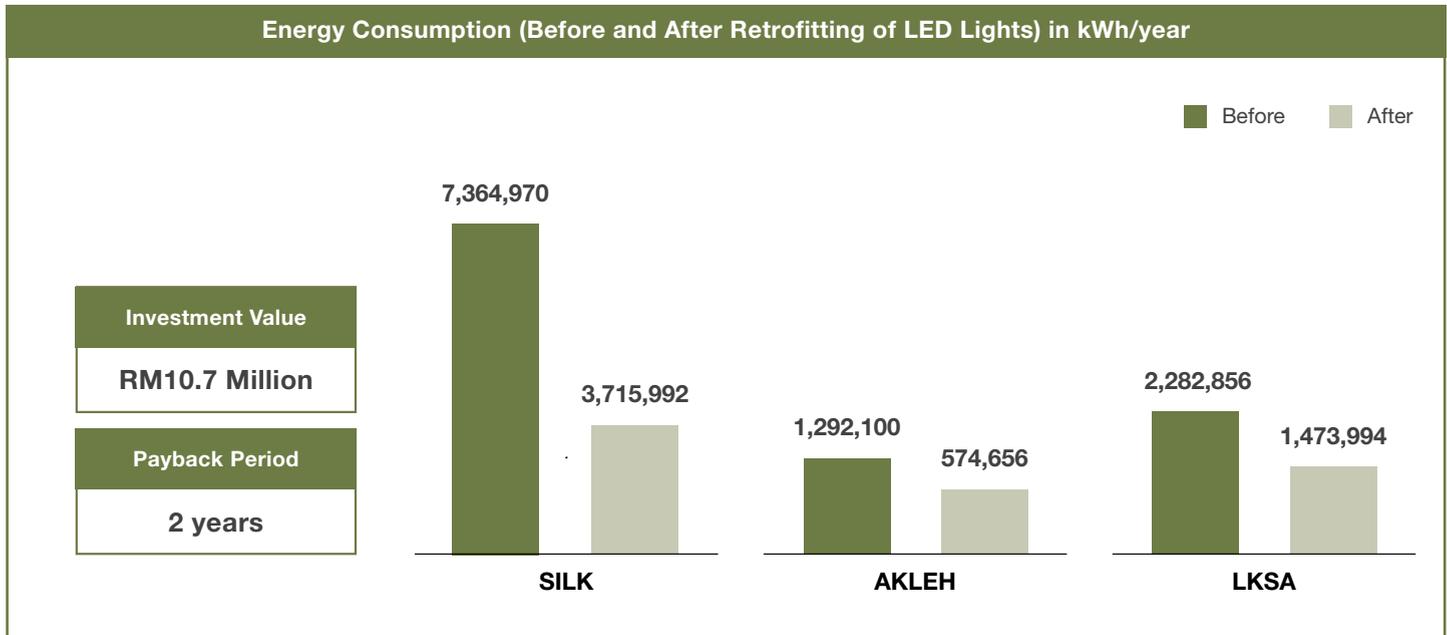
OUR PROGRESS

1. Energy Initiatives

→ LED Retrofitting

As 2022, all LED street lights and high tower lights have been installed on four highways – SUKE, DASH, AKLEH, and SILK – while LKSA and GCE will be finished by the middle of 2023. In an effort to reduce our energy usage by 50%, PROLINTAS has been replacing 5,800 lights from the current SON lanterns with LED lanterns since 2020, with an investment of RM10.7 million into this project. LED street lights use 200 W as opposed to conventional street light fixtures, which consume 400 W on average throughout a 12-hour day. Moreover, LED lights endure 50,000 hours compared to the 20,000 hours of typical SON lanterns, thus retrofitting can significantly save maintenance costs.

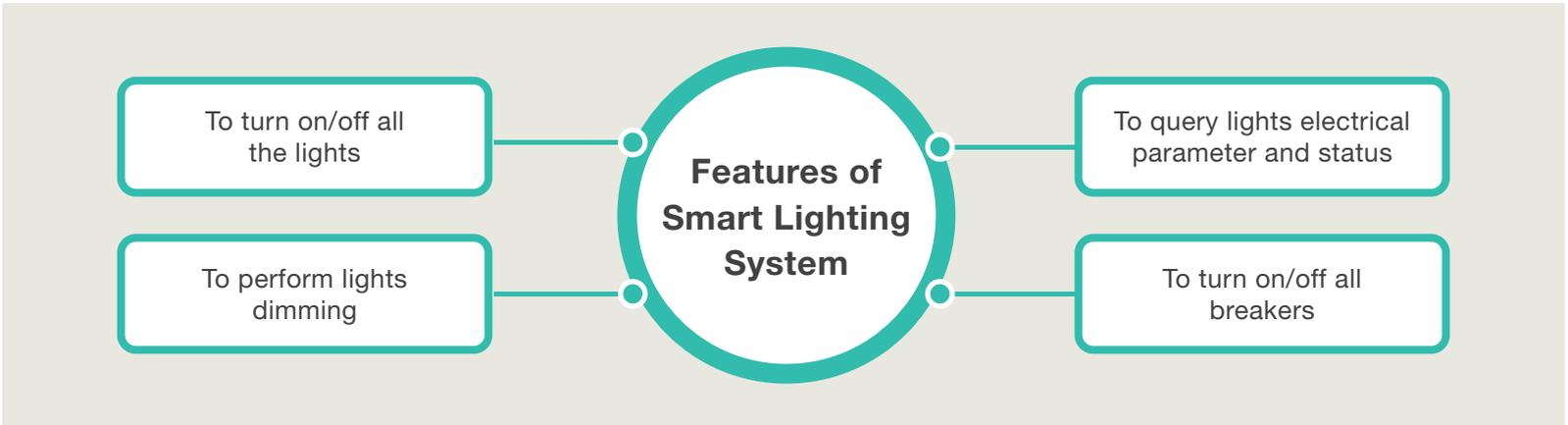
Energy Consumption (SON Lanterns) kWh/year	Energy Consumption (LED Lanterns) kWh/year	Energy Savings (kWh/year)	Energy Savings
10,939,926	5,763,542	5,176,384	50%



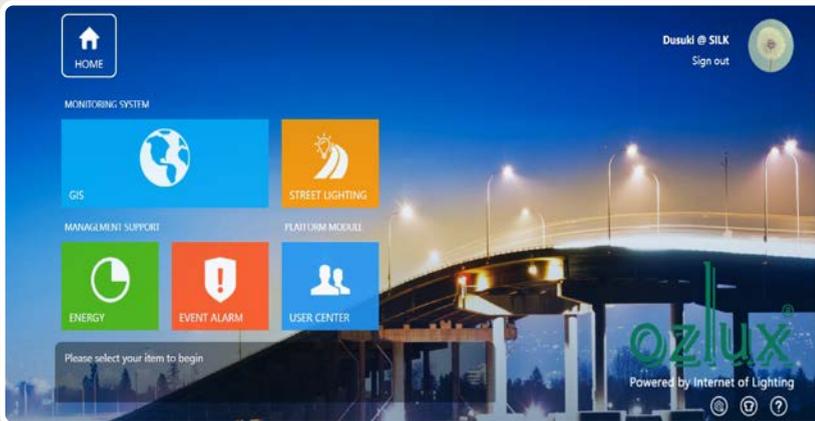
→ **Smart Lighting System for Streelight**

In order to promote energy conservation, we have also implemented the Smart Lighting System on all of our highways. This system includes cutting-edge features including on/off and dimming functionalities. With the help of this network-connected system, maintenance schedules can be optimised and lighting levels may be changed remotely to encourage energy saving, cut expenses, and guarantee reliable lighting. In order to accomplish this goal, SILK has installed over 2,700 light controllers on our street lights with the goal of reducing electricity usage by 10%.

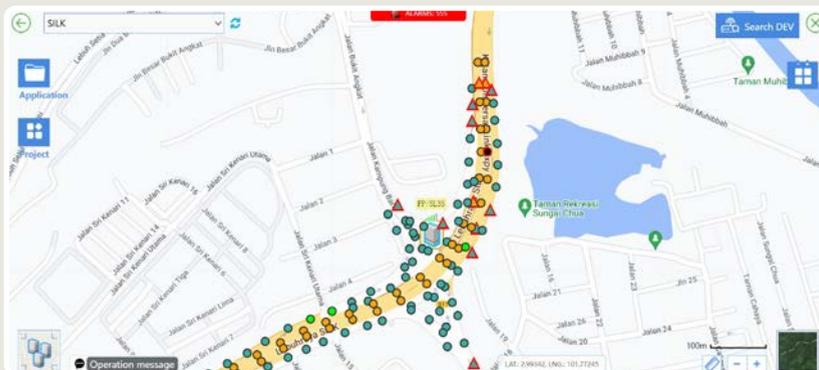
In 2022, we implemented one of the feature of the Smart Lighting System on the SUKE and DASH highways. This dimming feature gradually reduces the brightness of the lighting to 50% between midnight and 7am during low peak periods.



1. Smart Lighting System User Interface



2. Shows Location and Status of Street Lighting



3. Monitors Functionality of Individual Lantern for Street Lighting

FP/SL38 - SL38/2Y32A (UID: 3202142089E)

ON 100 85 70 50 30 OFF 75

SL38/2Y32A NO.: 1 ∠ 0°

Query Query time: 2023-03-14 06:05:50

NO.	I (A)	U (V)	P (W)	Pf	Energy(Wh)	I
1	0.50	233.85	116.00	0.99	753.75k	0

STATUS

- Node lost
- Over voltage
- Abnormal p
- Relay
- Over current
- Pole tilt
- Under volta
- Positioning t
- LampPower
- Lamp life
- Pole leakage
- Temperature

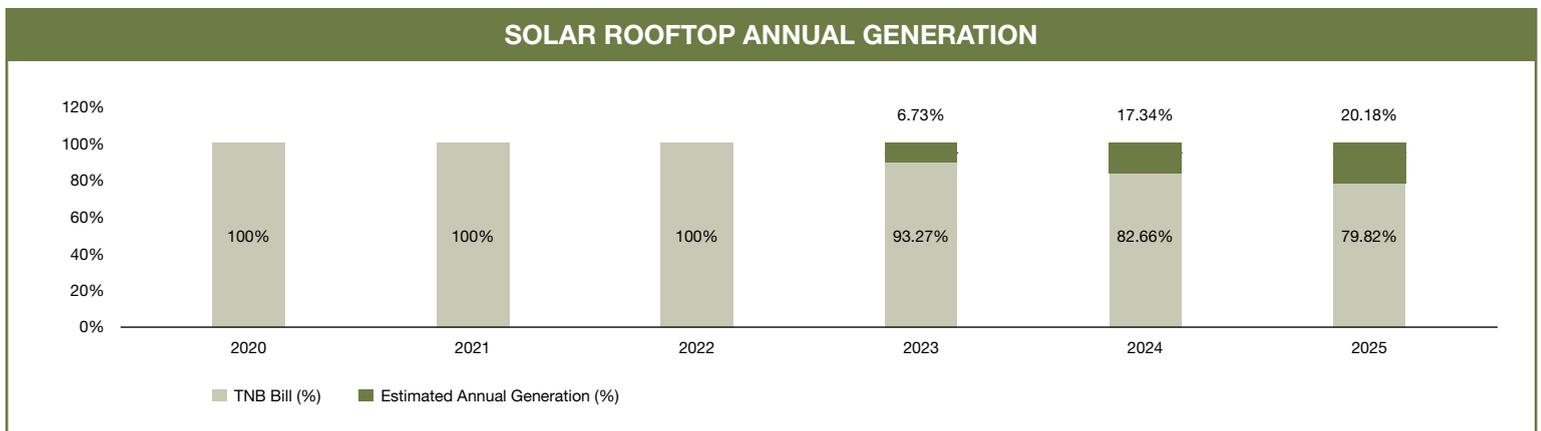
ENERGY USE

→ Solar Rooftop Project

We are implementing the use of solar PV systems using photovoltaic cells to convert sunlight into electricity which will provide a clean and renewable energy source. These are predominantly placed on the roofs of the toll plazas with plans to install them on RSA roofs as well. Below is the solar rooftop project status up to 2030.

Solar PV to Displace Grid Electricity Consumption					
Existing/In-progress			Planned		
Location	System Size (kWp)	Status	Location	System Size (kWp)	Status
DASH Toll Plaza Denai Alam	40 kWp	Completed	Plaza Toll Sungai Balak	282.67 kWp	Planning
DASH Toll Plaza Kwasa Damansara	228 kWp	Completed	Plaza Toll Sungai Ramal	141.34 kWp	Planning
Dash Toll Plaza Kota Damansara	40 kWp	Completed	Plaza Toll - Bukit Kajang	141.34 kWp	Planning
SUKE Toll Plaza Alam Damai	70 kWp	In-progress	Plaza Toll - Sungai Long	141.34 kWp	Planning
SUKE Toll Plaza Bukit Teratai	5 kWp	Completed	Plaza Toll - Bukit Jelutong	212 kWp	Planning
SUKE Toll Plaza Ampang	3 kWp	Completed	Plaza Toll - Lagong	212 kWp	Planning
GCE Plaza Toll Elmina	238.7 kWp	In-progress	Plaza Toll - Seri Muda	282.67 kWp	Planning
LKSA Plaza Toll Alam Impian	259.91 kWp	In-progress	Plaza Toll Dato Keramat	141.34 kWp	Planning
			Elmina RSA NB	141.34 kWp	Planning
			Elmina RSA SB	141.34 kWp	Planning
Total System	884.61 kWp		Total System	1,837.38 kWp	

We expect to start reaping the benefits of our solar rooftop installation from 2023 onwards.



➡ Rooftop solar PV installed at Alam Impian Toll Plaza, LKSA.



➡ Rooftop solar PV installed at Kota Damansara Toll Plaza, DASH.



➡ Rooftop solar PV installed at Bukit Teratai Toll Plaza, SUKE.



➡ Rooftop solar PV installed at Elmina Toll Plaza, GCE.



→ **Solarised Lighting**

We tap on Solar PV as an effective way to power common areas and reduce energy costs in areas where we installed solar panels.

LKSA

LANDSCAPE LIGHTING

- **Bollard Lighting Alam Impian**
Installed 18 solar lighting at 5 W each

MOTORCYCLE SHELTER

- Installed 3 solar lights at 20 W each

GCE

LANDSCAPE LIGHTING

- **RSA Elmina Utara, RSA Elmina Selatan and Lay-by Bukit Jelutong**
Installed 25 solar lighting at 2.2 W each

SILK

MAINTENANCE DEPOT/LAY-BY

- **Maintenance Depoh Sg Ramal**
Installed 8 solar lights at 120 W each

AKLEH

WALKWAY

- **Walkaway at Dato' Keramat Toll Plaza**
Installation in progress for 11 solar lights at 15 W each, expected completion in 2023

ENERGY USE

→ Solarised Emergency Telephone

A total of 24 Emergency Telephones equipped with solar panels have been successfully installed along the Guthrie Corridor Expressway. The installation includes Control Centre Equipment located at the concessionaire’s Main Control Centre. The Emergency Telephone system operates on a GSM transmission mode and utilises solar power as its primary source of energy. It also has a built-in extended rechargeable battery and is IP65 protected. To prevent any acts of vandalism, each Emergency Telephone is equipped with a motion sensor that can detect any suspicious activities.



→ Solarised Emergency Telephone at GCE.

→ Energy Efficient Air Conditioning System

PROLINTAS has taken a number of steps to improve energy efficiency, including replacing outdated air conditioning systems with energy-efficient VRV systems and buying electrical appliances with energy-saving features. We have already installed VRV air conditioning systems at LKSA and SUKE, and we are in the process of converting the remaining sites from conventional non-inverter split air conditioners to inverter air conditioners, which use less energy. This encourages energy conservation as well as long-term expense savings.

Type of Air Conditioners	Quantity in 2022
Energy Efficient	284
Conventional	388
Grand Total	672

In addition, we are committed to pursuing further energy conservation measures by procuring electrical appliances that incorporate energy-saving features such as inverter air conditioners that utilise R32 gases in our future projects. This approach not only reduces electricity costs but also supports sustainable and environmentally-friendly operations. Going forward, we will prioritise the energy efficiency rating (Energy Star Rating) for electrical appliances in line with our ESG policy.

To reduce our reliance on air conditioning we have switched toll booth operations from requiring air curtains and air conditioners to a stand-alone lane computer system.



→ VRV air conditioning systems.

→ Electric Vehicle (EV) Charging Station

To encourage the use of electric cars (EVs) and to support sustainable transportation, PROLINTAS intend to install 20 parking bay EV charging stations at highway rest stops beginning in 2023. The charging stations will be strategically placed to provide EV owners with convenient and accessible charging choices, enabling them to travel long distances without experiencing range anxiety. Installing EV charging stations is part of our dedication to reducing greenhouse gas emissions and promoting a more sustainable future by offering reliable charging infrastructure.



→ Our EV Charging Station at Toll Plaza Bukit Teratai Lay-by, SUKE.

LOCATION		NUMBER OF EV BAY
GCE	Elmina RSA, North Bound	2
	Elmina RSA, South Bound	2
DASH	Toll Plaza 3, Kota Damansara	2
	Kwasa Damansara Lay-by, Damansara and Puncak Perdana Bound	4
	Denai Alam RSA, Damansara and Puncak Perdana Bound	4
SUKE	Bukit Teratai Lay-by	2
	Toll Plaza 3, Ampang	2
	Alam Damai	2

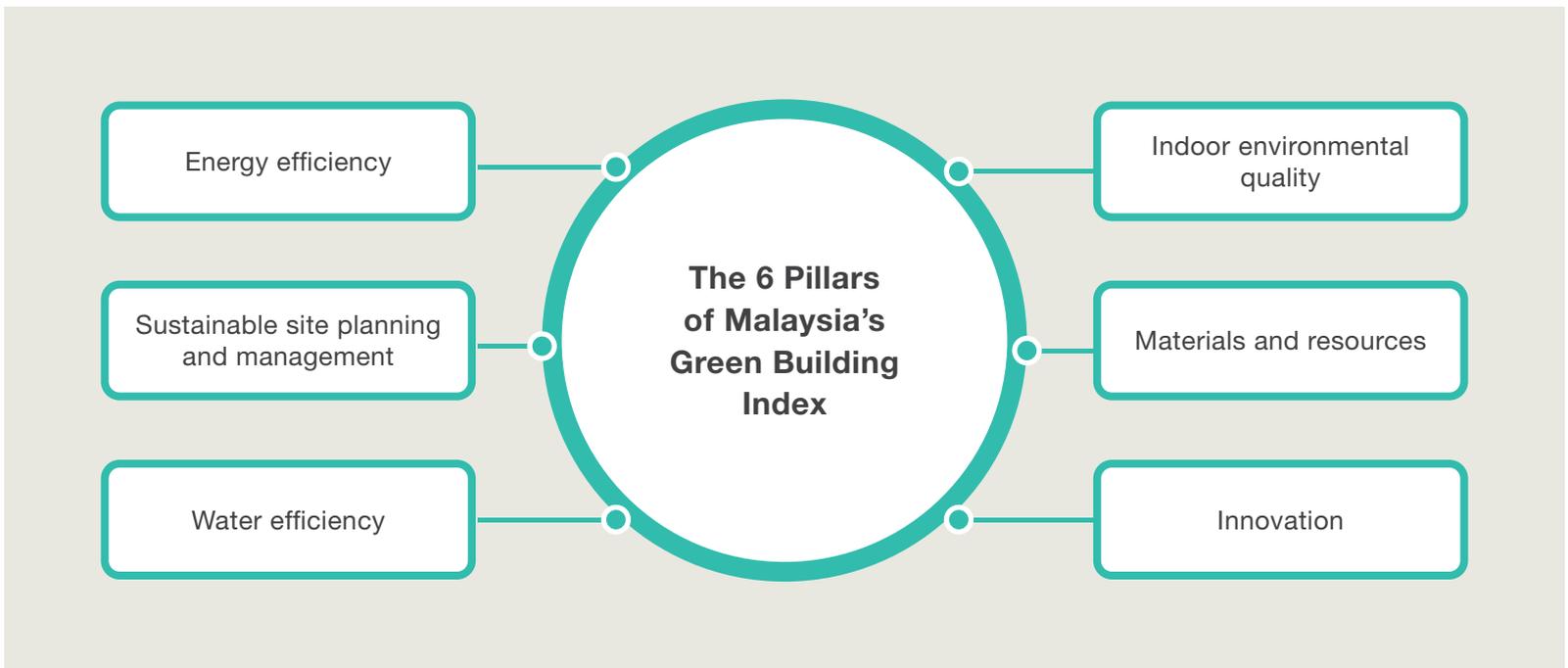
Installed
 Planned

PLANNED EV CHARGING POINT: 20 PARKING BAYS

EV CHARGING INSTALLED: 8 PARKING BAYS

→ **Green Building Index**

We have begun to implement solar PV systems and integrate green building standards to conserve energy and lower energy consumption at our toll plazas in SUKE and DASH, thereby aligning with the requirements of the Green Building Index (GBI). As 2022, we have received Silver certification for Green Building Index for three toll plaza at DASH Highway.



ENERGY USE

→ Installation of Motion Sensor Lights

Since 2022, we have installed motion sensor lights in surau, toilets, and Rest and Service Areas (RSAs) in SUKE and DASH. The use of motion sensors can lead to significant energy savings and lower electricity bills because the lights are only on when necessary. Additionally, motion sensor lights have a longer lifespan and require less maintenance than traditional lighting systems. They can also enhance safety and security by providing light in areas that are not regularly occupied. We plan to fully implement the motion sensor lights in all other areas in 2023. Additionally, we intend to expand this initiative to other highways based on our planning.

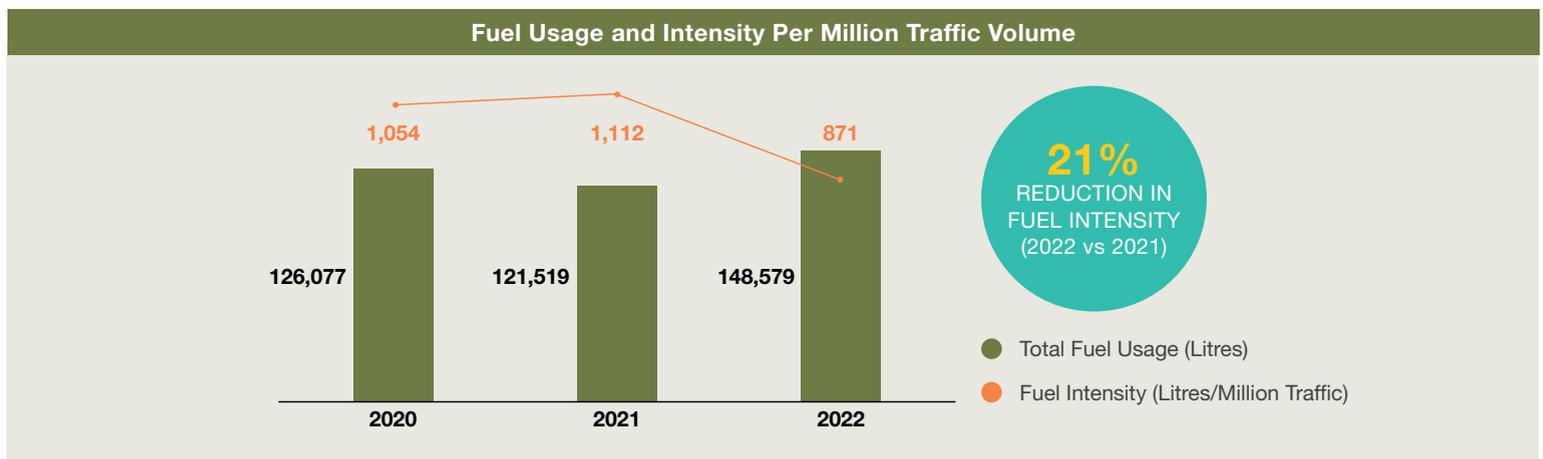
2. Green fleet management strategy

The Green Fleet Management Strategy includes several innovative features designed to improve fleet vehicle monitoring and reduce fuel usage. The strategy involves real-time monitoring of vehicle maintenance, movement, and location, as well as tracking of non-compliant driving behaviour, fuel consumption, and speed. This approach utilises GPS and real-time data to analyse vehicle trips and events, and to provide notifications to relevant departments.

PROLINTAS has experienced an increase of 22% in fuel consumption, which is attributable to the expansion of its fleet size from 70 to 118 in 2022, as well as the opening of SUKE and DASH. Nevertheless, our recorded fuel intensity per million vehicle is reduced by 21% in 2022 when compared to 2021. This reduction in fuel intensity shows the optimisation usage of our fleets through the system.

The screenshot shows the 'ngt.syst' Asset Tracking interface. On the left, a sidebar lists various assets such as 'VAL1517 - HIGHWAY PATROL (GCE)', 'VAR2597 - UFPT (GCE)', and 'WVY6898 - C&S (GCE)'. The main area displays a map with a highlighted asset 'WVY6898 - C&S (GCE)' showing its real-time location on the 'GUTHRIE CORRIDOR EXPRESSWAY - KM 3'. A pop-up window for this asset displays details: 'Asset Reg. No. 2021-04-20 12:16:15', 'Location GUTHRIE CORRIDOR EXPRESSWAY - KM 3', 'Speed (kmph) 91', and 'Ignition Status On'. Callout boxes highlight key features: 'List of assets registered in the system.', 'Vehicle location is monitored in real time.', and 'The speed of the vehicle is displayed in real time. Vehicles driven over the speed limit will be notified.'

- Location and speed of the vehicle can be tracked and monitored in real time.



3. E-Bikes

This initiative has been implemented with the objective of improving the visibility of traffic patrols on highways, with a view to enhancing customer safety and ensuring a faster response to incidents. The use of e-bikes also serves to reduce carbon and fuel consumption in line with our commitment to adopting green technologies and practices.

4. Energy Saving Campaigns

To raise further awareness of energy savings and promote sustainable practices among our employees and stakeholders, we organised campaigns and competitions on adopting good, green practices at the workplace and at home. Through these initiatives, we aim to inculcate a culture of environmental responsibility, both within the organisation and in the communities we serve.

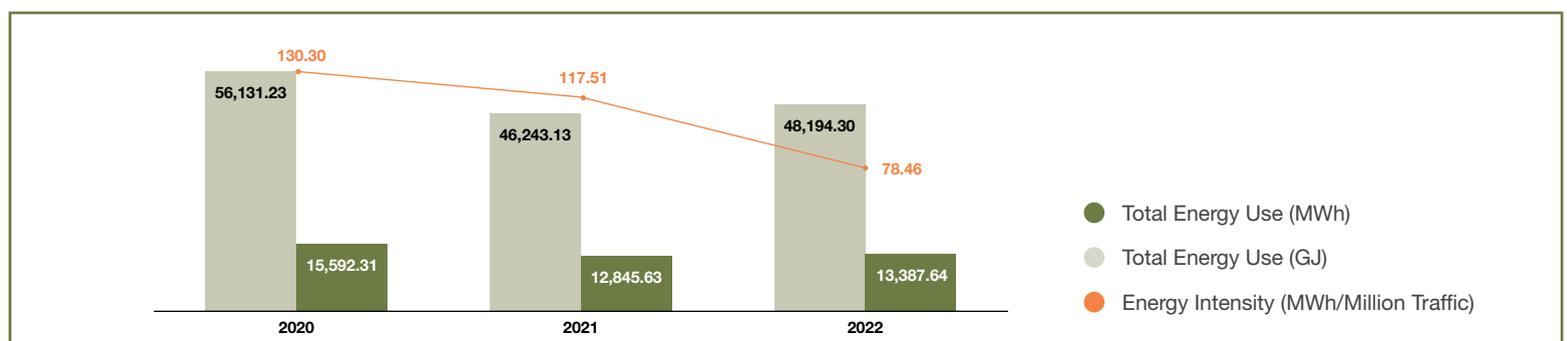
SAVE ENERGY AND SAVE EARTH FOR YOUR FUTURE GENERATIONS
WE ALL HAVE THE POWER
#sustainability #energyefficiency #PROLINTASefforts

KEMPEN PENJIMATAN ELEKTRIK
Aktiviti kempen ialah menutup semua suis lampu semasa waktu rehat
ISNIN - KHAMIS
1.00 PM - 2.00 PM
JUMAAT
12.30 PM - 2.30 PM
TAHUKAH ANDA?
Dengan menjalankan aktiviti ini dapat membantu mengurangkan penggunaan elektrik seterusnya menyumbang kepada kelestarian alam semula jadi
"ALAM KITA TANGGUNGJAWAB KITA"

2,526,878 kWh
PROLINTAS Electricity Saving 2022 vs 3 years average (2019 - 2021)

5. PROLINTAS Energy Consumption Performance

Over the past few years, PROLINTAS has been actively working to improve its energy use performance and reduce its carbon footprint. We reduced significantly by 17.6% from 2020 to 2021, but increased slightly by 4.2% in 2022. This was due to the return of employees to the office following pandemic relaxation rules as well as the opening of the two new highways and the increased workforce.



MOVING FORWARD

We are committed to reducing energy consumption through sustainable practices and the implementation of energy-efficient technologies, and we have identified several initiatives that will be implemented in the near term.

WASTE MANAGEMENT



→ Fertilisers generated from food waste composting process.

→ GRI STANDARDS

GRI 306:
Waste



- Target 12.2
- Target 12.3
- Target 12.4
- Target 12.5

→ WHY IT MATTERS

Proper waste management is important to PROLINTAS as we appreciate that failing to manage waste properly can lead to pollution, health hazards and environmental damage. Proper waste management can help reduce the generation of waste in landfills, and at the same time, contribute to cost savings.

KEY HIGHLIGHTS

Increase of
Waste Diverted
from Disposal
(tonne)



36.71	37.27	60.78
2020	2021	2022

**Aiming Towards
Paperless Operations
and Environment
ECMS**

Enterprise Content Management
System

**Cherish Green
Initiatives Gestures
by Our RSA**

Taking Steps In Circular
Economy



WASTE MANAGEMENT

OUR APPROACH

We strive to determine the amount and type of waste sources and identify areas for waste reduction and recycling. PROLINTAS has embarked on implementing strategies to reduce, reuse and recycle waste responsibly, and introducing innovation to further our waste management efforts.

OUR PROGRESS

1. Waste Management Performance

The majority of waste produced by PROLINTAS is from the activities related to our highways operation, as well as waste generated by individuals who utilise our highways. This waste is divided into two categories: non-scheduled waste such as food waste, scrap metals, domestic solid waste, and branches resulting from pruning, as well as scheduled waste which is hazardous and could pose a threat to public health and the environment.

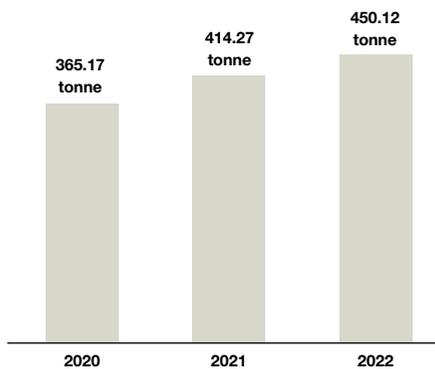
We look to dispose or recover, where possible, waste through landfills, composting and 3R (reduce, reuse, recycle) activities. We have embarked on identifying sources of waste generated, and determining its type and amount to ensure proper disposal and reduction efforts. Where possible, we aim to reduce the waste directed to disposal at landfills and look at efforts to recycle the waste.

→ **2022**
60,780kg
waste diverted from landfill

→ **Total Waste Diverted from Landfill (2020 - 2022)**

Year	2020	2021	2022
Waste Diverted (tonne)	36.71	37.27	60.78
Percentage of Total Waste Generated	10%	9%	13%

TOTAL WASTE GENERATED FROM PROLINTAS'S HIGHWAY OPERATIONS (TONNES)

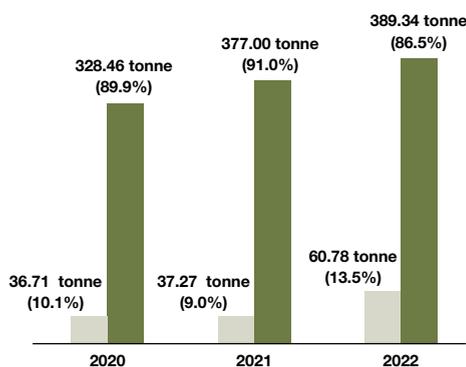


ENVIRONMENT	2020	2021	2022
Total Waste Generated (tonne)	365.17	414.27	450.12
Non-Scheduled Waste Generated (tonne)	363.46	414.27	447.06
Scheduled Waste Generated (tonne)	1.71	0.00	3.06

Note:

- Non-Scheduled Waste comprises of (solid waste, recycle waste and branches from pruning activity)
- Scheduled waste volume is based on disposal record of DOE E-SWISS system. No disposal was recorded for 2021 as the waste was disposed during 2022.
- Recycling of Scrap Metal for PROLINTAS is reported from 2020 onwards, while the 3R bins and food composting initiatives is reported from 2021 onwards.

BREAKDOWN OF WASTE DIVERTED AND DIRECTED TO DISPOSAL FROM HIGHWAY OPERATIONS



WASTE (tonne)	2020	2021	2022
Total Waste Generated	365.17	414.27	450.12
(1) Waste Diverted from Disposal	36.71	37.27	60.78
(2) Waste Directed to Disposal	328.46	377.00	389.34

Note:

- (1) Accounting for Recycled Waste a.k.a Waste Diverted from Disposal from the Total Waste Generated
- (2) Accounting for Disposed Waste a.k.a Waste Directed to Disposal from the Total Waste Generated

● Waste Directed to Disposal ● Waste Diverted from Disposal

WASTE MANAGEMENT

2. Scheduled Waste Management

PROLINTAS abides by all applicable rules and regulations on Scheduled Waste Management provided by regulators. We implement an effective waste management system that includes the storage and delivery of scheduled waste to prescribed locations for treatment, disposal, or recovery of material. This is done in strict accordance with the Environmental Quality Act (1974) Regulations 2005.

3. PROLINTAS Finding Value in Waste

PROLINTAS is stepping up in finding value from the waste it generates, shifting our mindset from viewing waste as a problem to viewing it as a potential resources. We have embarked on several initiatives as we progress and continue to explore as we evolve on our current practices, to give greater significance towards sustainable waste management.

FAST FORWARD TO 2022

WE ARE NOW IMPROVING OUR WASTE MANAGEMENT THROUGH SEVERAL INITIATIVES.

Our Approach

1. FABRIC RECYCLING BIN ADOPTION

PROLINTAS launched its first-ever recycling bins specifically for textile recycling in collaboration with Kloth Cares, the first textile-recycling movement in Southeast Asia, on 21 October 2022.

We plan to extend the presence of recycling bins along our highways to raise awareness about the importance of textile recycling.

2. SCRAP METAL COLLECTION AND RECYCLING

With ongoing maintenance and replacement of highway structures or in unfortunate instances of accidents, unused steel or metal structures are collected for recycling.

These include items such as Guard Rails, Variable Message Sign (VMS) Panels, air conditioning units, fire extinguishers and lantern lights.

3. FOOD WASTE COMPOSTER

Food composting helps to reduce the amount of organic waste that has been generated by tenants or road users, thereby reducing the amount of waste sent to landfills.

Food composting is able to transform food waste into nutrient-rich compost, which PROLINTAS uses as fertiliser for its landscaping purposes.

4. 3R BINS

Since 2021, 3R Bins have been placed at strategic locations at PROLINTAS highways, headquarters, RSAs and Lay-bys to increase waste recycling efforts by PROLINTAS employees and road users.

The 3R Bins serve as a place to sort out waste into designated waste streams so that it can be reprocessed and turned into other usable material.

5. ENTERPRISE CONTENT MANAGEMENT SYSTEM (ECMS)

PROLINTAS invested around RM1.35 million in modern and efficient document management system.

The technology will support the creation, storage, distribution, discovery, archiving and management of documents in PROLINTAS's environment.



Our Key Highlights and Performance 2022

- PROLINTAS aims to collect around 13,000 kg of fabric in the first year of this campaign.

13,000 kg first year target

- As at the end December 2022, we have collected approximately 500 kg of fabric.

500 kg collected



- Through our concerted effort, we have significantly increased the amount of scrap metal collected.

2022

57,094 kg collected

- This has generated around RM118,000 in revenue per year. The fund is reinvested to enhance our highway operation activity.

2022

RM118 K in revenue



- Around 630 kg of food waste has been composted and transformed into fertiliser for PROLINTAS's landscaping purposes.

2022

630 kg food waste composted

126 kg fertilisers generated



2022

2,936 kg collected and diverted from landfill

Recycle Material	2022	2021
Paper	2,428 kg	86 kg
Tin	13 kg	0 kg
Plastic	495 kg	0 kg



AIMING TOWARDS

Paperless Operation and Environment

INCREASE

Employee Productivity, by having right document at right time

REDUCE

Storage cost



WASTE MANAGEMENT

4. Cherish Green Initiative Gesture by Our RSA

→ OUT WITH THE OLD, IN WITH THE NEW

Green food packaging is our Rest and Service Area's (RSA) initiative to transition towards more sustainable practices and contribute to a circular economy in their line of business. This growing awareness among the tenants is something that PROLINTAS looks up to as it aligns with our sustainable aspirations.

The initiatives include:

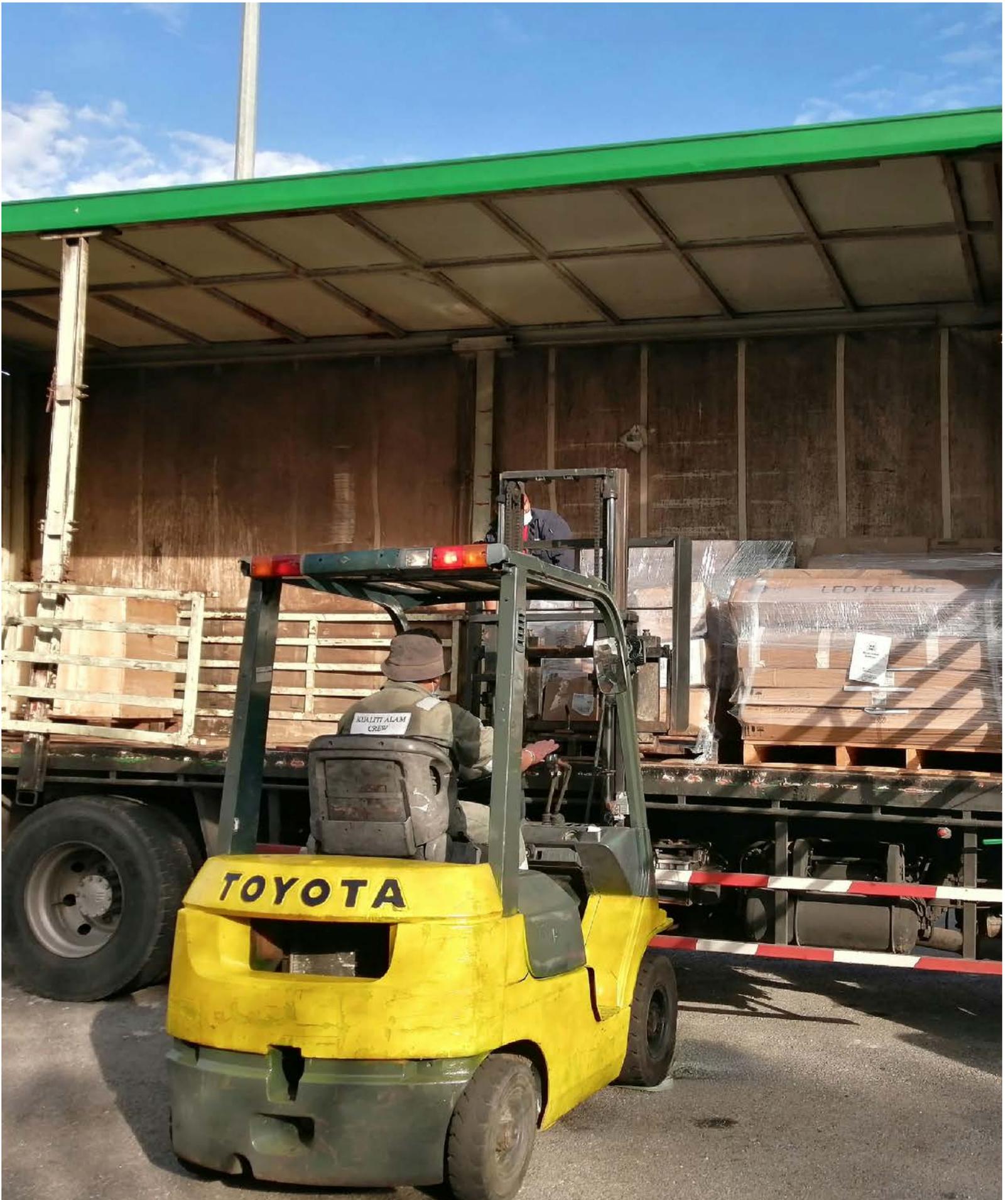
1. Paper Drinking Cups
2. Paper Food Boxes
3. Oxo-biodegradable plastics bags
4. Paper Straws
5. Paper Bags



MOVING FORWARD

To effectively manage waste, PROLINTAS plans to improve its waste management efforts. The exercise will include improving its identification and categorisation of waste generated, assessing and improving its current waste disposal methods, developing continuous data collection, progress tracking methods as well as implementing employee training and awareness programmes. We aim to improve our waste management practices and contribute to environmental sustainability by taking these steps.





➔ Scheduled wastes were stored in the designated location, properly packaged, and transported to the disposal area by a licensed contractor.

BIODIVERSITY AND ECOSYSTEM PROTECTION



→ Planting Karas trees along the GCE.

→ GRI STANDARDS

GRI 304:
Biodiversity



- Target 15.1
- Target 15.2
- Target 15.4
- Target 15.a

→ WHY IT MATTERS

As highway operators, we recognise that our activities can have an impact on the natural environment, habitats and ecosystems. Therefore, we strive to take proactive measures to minimise the negative impact on biodiversity and ecosystems. Our goal is to protect the integrity of the environment while also promoting economic growth.

KEY HIGHLIGHTS

Forest Restoration Programme spanning a total area of **11.33 hectares**

Harmonising with Nature :
Built **elevated twin decks** running parallel on both sides of Sungai Ampang river bank

Institute improvements of Sungai Ampang **Riverine Ecosystem**



BIODIVERSITY AND ECOSYSTEM PROTECTION

OUR APPROACH

We adopt biodiversity management as part of our efforts to promote sustainable highway operation and protect the natural environment. To achieve this, we implement various measures during the design, construction and operation phases to minimise the negative impact of our operations. We have also initiated carbon capture programmes through tree planting and river protection efforts to offset fossil fuel emissions to help balance the carbon footprint. We collaborate with environmental organisations and government agencies in conservation initiatives for environmental restoration.

OUR PROGRESS

1. Rewilding Trees

PROLINTAS embarked on rewilding initiatives, a modern conservation approach that enables natural processes to shape the environment and repair damaged ecosystems. Rewilding helps to create biodiverse habitats. We made a green pledge to replace every tree felled in the course of our operations with two new trees. These efforts contribute to PROLINTAS's carbon capture initiatives, as rewilding is a nature-based solution to reduce carbon emissions and combat climate change.

About 11,000 trees had to be removed in the Bukit Sungai Putih and Hulu Langat Forest Reserves to give way to SUKE's construction activities. Apart from having a landscape of trees and grass planted along the highway and toll plazas, we embarked on a forest restoration programme overseen by the Wilayah Persekutuan Forestry Department at the Sungai Besi Forest Reserve, Kuala Lumpur within an area of 11.33 hectares. The aim is to ensure the recovery of the ecosystem and reverse the unavoidable damage due to the development of SUKE.

Altogether, we planted over 15,000 trees in 2022, comprising a diversity of forest and native fruit trees such as *Drybalanops aromatica* (Champhor tree) and *Garcinea merguensis* (Kandis burung). This will contribute towards balancing the ecosystem and restoring flora and fauna for a sustainable future.

Our efforts encompassed not only forest reserves but also PROLINTAS's highway interchanges, toll plazas, Rest and Service Areas (RSAs) and lay-bys.

Location	Total Trees Planted Up to 2022
DASH	10,594
SUKE	1,524
Lagong Interchange, GCE	2,582
Alam Impian Toll Plaza, LKSA	940



➔ Educate our employees on biodiversity by engaging in tree planting activities.

BIODIVERSITY AND ECOSYSTEM PROTECTION

2. Harmonising Our Infrastructure with Nature

Our sustainability practices in construction and operations ensure that our elevated urban expressways are built with environmental harmony in mind. One such initiative is the River of Life Project at SUKE.

The SUKE highway that crosses over Sungai Ampang is built with twin decks that run parallel on both sides of the riverbank. At the planning stage of the SUKE highway, concerns were raised regarding the potential impact of the highway construction on the river's ecosystem. Experts warned that the lack of ultraviolet rays could lead to the growth of bacteria that may eventually harm the river's ecosystem.

To address these concerns, PROLINTAS built the elevated highway structure that splits the arterial road with a 10-metre gap into separate carriageways with a gap in the middle that allows sunlight to reach river life. This is the kind of construction that we design on our highways, where possible, to harmonise natural requirements.

We also instituted improvements to the Sungai Ampang riverine system, which included:

- River cleaning and beautification
- River straightening or realignment of river channels
- Riverbank improvement
- Landscaping
- Building a linear park with a 1.6 km walking/jogging trail for local community recreation

→ River of Life Project

We collaborated with the Department of Environment (DOE) to conduct a river rehabilitation and awareness programme for the River of Life Project, to impart the importance of river preservation and conservation in the community.



→ The structure splits the road into separate carriageways with an opened penetrating gap in the middle that allows sunlight to reach the river life.

3. Education and Awareness

→ Rewilding The Forest @ Taman Tugu

With training and hands-on experiences, we seized the chance to deepen our staff's understanding of sustainability. Rewilding The Forest @ Taman Tugu was an environmental education effort to teach our staff about sustainability and start a tree-planting project at the same time. We conducted tree-planting workshops, nursery visits, sustainable solutions discussions, and jungle treks in conjunction with Free Tree Society.

MOVING FORWARD

PROLINTAS underlines its dedication to stepping up its actions to further its agenda for biodiversity and ecosystems. We want to build habitats that will support the local flora and wildlife by enhancing the ecological value of the area surrounding our highways and infrastructure. We will keep working with governmental organisations and environmental groups to promote ecological harmony and sustainability while taking steps to lessen our environmental impact on the environment.





➔ PROLINTAS is committed to taking proactive measures to minimise negative impacts on biodiversity and ecosystems.

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SDGs IN ACTION

ASPIRATION 1: ACCELERATING ADVANCEMENT

Workforce Development



Target 4.3: By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university.

Target 4.4: By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.



Target 12.8: By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature.

Employee Well-Being, Safety and Health



Target 3.3: By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases.

Target 3.4: By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being.

Target 3.6: By 2020, halve the number of global deaths and injuries from road traffic accidents.

Target 3.9: By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination.



Target 8.1: Sustain per capita economic growth in accordance with national circumstances and, in particular, at least 7 per cent gross domestic product growth per annum in the least developed countries.

Target 8.4: Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-Year Framework of Programmes on Sustainable Consumption and Production, with developed countries taking the lead.

Economic Contribution



Target 8.2: Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors.



Target 9.1: Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

Target 9.2: Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries.



Target 10.1: By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a rate higher than the national average.

SDGs IN ACTION

Economic Contribution (Cont'd)	
	Target 12.6: Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle.
	Target 13.1: Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries.
Sustainable Supply Chain	
	Target 8.3: Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services.
	Target 8.7: Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure the prohibition and elimination of the worst forms of child labour, including recruitment and use of child soldiers, and by 2025 end child labour in all its forms.
	Target 8.8: Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment.
	Target 12.7: Promote public procurement practices that are sustainable, in accordance with national policies and priorities.
Ethics and Integrity	
	Target 16.5: Substantially reduce corruption and bribery in all their forms.
	Target 16.6: Develop effective, accountable and transparent institutions at all levels.
	Target 16.7: Ensure responsive, inclusive, participatory and representative decision-making at all levels.
ASPIRATION 2: CONVERGING COMMUNITIES	
Road User Well-Being	
	Target 3.6: By 2020, halve the number of global deaths and injuries from road traffic accidents.
	Target 9.1: Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all
	Target 9.4: By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities.



SDGs IN ACTION

Impact on Communities	
	Target 12.8: By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature.
	Target 16.7: Ensure responsive, inclusive, participatory and representative decision-making at all levels.
	Target 17.17: Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships.
Diversity, Equity and Inclusion	
	Target 5.5: Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life.
	Target 8.4: Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-Year Framework of Programmes on Sustainable Consumption and Production, with developed countries taking the lead.
	Target 10.2: By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status.
	Target 10.3: Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard. Target 10.4: Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality.
ASPIRATION 3: ELEVATING LIVES	
GHG and Climate Change	
	Target 7.2: By 2030, increase substantially the share of renewable energy in the global energy mix.
	Target 7.3: By 2030, double the global rate of improvement in energy efficiency.
	Target 13.1: Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries.
	Target 13.2: Integrate climate change measures into national policies, strategies and planning.
	Target 13.3: Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.

SDGs IN ACTION

Water Management	
	<p>Target 6.3: By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally.</p>
	<p>Target 6.4: By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity.</p>
Sustainable Materials	
	<p>Target 12.2: By 2030, achieve the sustainable management and efficient use of natural resources.</p>
	<p>Target 12.5: By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse.</p>
Energy Use	
	<p>Target 7.2: By 2030, increase substantially the share of renewable energy in the global energy mix.</p>
	<p>Target 7.3: By 2030, double the global rate of improvement in energy efficiency.</p>
Waste Management	
	<p>Target 12.2: By 2030, achieve the sustainable management and efficient use of natural resources.</p>
	<p>Target 12.3: By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses.</p>
	<p>Target 12.4: By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment.</p>
	<p>Target 12.5: By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse.</p>
Biodiversity and Ecosystem Protection	
	<p>Target 15.1: By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements.</p>
	<p>Target 15.2: By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally.</p>
	<p>Target 15.4: By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development.</p>
	<p>Target 15.a: Mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems.</p>



GHG EMISSIONS FOR PROLINTAS GROUP

Greenhouse Gas Emissions (tCO ₂ e) ¹	2019	2020	2021	2022
Scope 1 Emissions²				
Stationary Combustions	3.14	3.14	8.03	3.43
Fugitive Emissions	323.57	351.70	315.05	333.19
Mobile Combustion Emissions	334.00	333.49	322.98	390.70
Total Scope 1 Emissions	660.71	688.33	646.06	727.33
Scope 2 Emissions³				
Purchased Energy	10,528.95	11,290.55	9,104.42	9,321.80
Total Scope 2 Emissions	10,528.95	11,290.55	9,104.42	9,321.80
Scope 3 Emissions⁴				
Category 1: Purchased Goods and Services	83.95	3,123.68	1,605.88	2,532.52
Category 2: Capital Goods	454,846.13	183,226.63	153,829.31	59,005.41
Category 3: Fuel and Energy Related Emissions	12,179.96	13,053.60	10,538.23	10,795.77
Category 4: Upstream Transportation and Distribution	NE	NE	NE	NE
Category 5: Waste Generated in Operations	18.70	198.28	226.32	238.25
Category 6: Business Travel	85.82	44.67	34.25	94.99
Category 7: Employee Commute	1,150.93	1,188.30	1,171.31	1,282.99
Category 8: Upstream Leased Assets	IE	IE	IE	IE
Category 9: Downstream Transportation and Distribution	IR	IE	IR	IR
Category 10: Processing of Sold Products	IR	IR	IR	IR
Category 11: Use of Sold Products	IR	IR	IR	IR
Category 12: End-of-Life Treatment of Sold Products	IR	IR	IR	IR
Category 13: Downstream Leased Assets	670.49	716.47	594.40	741.80
Category 14: Franchises	IR	IR	IR	IR
Category 15: Investments	IR	IR	IR	IR
Total Scope 3 Emissions	469,035.99	201,551.63	167,999.71	74,691.73
Total GHG Emissions	480,225.65	213,530.51	177,750.19	84,740.86

Greenhouse Gas Emissions	2020	2021	2022
Total Greenhouse Gas Emissions (tCO₂e)	213,530.51	177,750.19	84,740.86
Total Scope 1 and Scope 2 Emissions	11,978.88	9,750.48	10,049.13
Total Scope 3 Emissions	201,551.63	167,999.71	74,691.73
GHG Emissions Intensity (tCO ₂ e/RM Mil Revenue) ⁵	27.90	23.45	23.85
GHG Emissions Intensity (tCO ₂ e/Mil Traffic) ⁶	100.10	89.20	58.90

Not Estimated (NE) Emission sources occurred but have not been estimated in the inventory
 IE Included elsewhere. GHG emissions for this activity are estimated and presented in another category
 IR Irrelevant

ENVIRONMENTAL PERFORMANCE INDICATORS

Other Environmental Performance Indicators	2020	2021	2022
Energy Use			
Total Energy Use (MWh)	15,592.31	12,845.63	13,387.64
Total Energy Use (GJ)	56,131.23	46,243.13	48,194.30
Energy Intensity			
Energy Intensity (MWh/Mil Traffic)	130.30	117.51	79.12
(i) Electricity Use (MWh)	14,362.49	11,636.30	11,951.02
(ii) Fuel Use (MWh)	1,229.82	1,209.33	1,436.61
(i) Electricity Use (GJ)	51,704.97	41,890.68	43,023.68
(ii) Fuel Use (GJ)	4,426.26	4,352.45	5,170.63
Water Use (m³)⁷			
Water Use	72,740.00	72,739.00	81,898.00
Water Intensity (m ³ /Mil Traffic)	607.86	665.43	484.00
Waste (tonne)			
Scheduled Waste Generated	1.71	0.00	3.06
Non-Scheduled Waste Generated	363.46	414.27	447.06
Total Waste Generated	365.17	414.27	450.12
Waste Diverted from Disposal by Recovery Operations			
Scheduled Waste	0.00	0.00	0.00
Non-Scheduled Waste	36.71	37.27	60.78
Waste Directed to Disposal by Disposal Operations			
Scheduled Waste	1.71	0.00	3.06
Non-Scheduled Waste	326.75	377.00	386.28



ENVIRONMENTAL PERFORMANCE INDICATORS

Notes to the Environmental Performance Indicators

1. GHG emissions are derived in accordance with the requirement of the GHG Protocol Corporate Accounting and Reporting Standard, and Corporate Value Chain (Scope 3) Accounting and Reporting Standard by World Resources Institute (WRI) and World Business Council for Sustainable Development (WBCDS).
2. Scope 1 direct emissions are calculated in accordance to the 2006 Intergovernmental Panel on Climate Change (IPCC) Guidelines for National Greenhouse Gas Inventories emission factors, Energy Commission of Malaysia's National Energy Balance 2016 fuel conversion, coefficients and equivalence, United States Environmental Protection Agency (USEPA) Direct Fugitive Emissions from Refrigeration, Air Conditioning, Fire Suppression, and Industrial Gases leakage rate, IPCC/Technical and Economic Assessment Panel (TEAP) Special Report: Safeguarding the Ozone Layer and the Global Climate System average refrigerant capacity for residential and commercial airconditioners, and car air conditioners manufacturer on average refrigerant charges for non-commercial vehicles.
3. Scope 2 emissions or the equivalent CO emissions for electricity used are calculated based on the 2019 grid-electricity emission factors from Malaysia Fourth Biennial Update Report (BUR) Under the United Nations Framework Convention on Climate Change, published by the Ministry of Natural Resources, Environment and Climate Change Malaysia (NRECC).
4. Exclusion: (i) Scope 3, Category 4: Upstream Transportation and Distribution were not estimated due to the unavailability of data and low level of readiness. However, we are committed to improve as we progress in our sustainability journey. (ii) Scope 3, Category 8: Upstream Leased Asset is Included Elsewhere (IE) based on the leasing type and consolidation approach in accordance to the GHG Protocol Corporate Accounting and Reporting Standard. Thus, this emission which is sourced from our hostel for Kajang SILK highway will be reported under our Scope 1 and Scope 2 emissions. (iii) PROLINTAS core business revolves around provision of services as a highway operator. Thus, Scope 3, Category 9: Downstream Transportation and Distribution, Category 10: Processing of Sold Products, Category 11: Use of Sold Products and Category 12: End-of-Life Treatment of Sold Products are Irrelevant (IR) to us. (iv) Similarly, PROLINTAS does not engage in franchising activities at all, nor do we engage in any investment activities that are significant enough to be registered under Scope 3, Category 14: Franchises and Category 15: Investments respectively.
5. Scope 3, Category 13: This scope covers electricity and Liquefied Petroleum Gas (LPG) consumed by tenants at PROLINTAS Rest Service Areas.
6. Our GHG Emissions Intensity covers for Scope 1 and Scope 2 only.
7. We withdraw our water from municipal third-party water supplies, and they are categorised as freshwater. Water stress areas are not applicable as we do not contribute to the inability for Malaysia or our surrounding areas to meet the human and ecological demand for water. As an alternative, we practised rainwater harvesting to increase the mix of recycled water in our operational use - mainly for non-potable consumption. However, we do not have the sufficient data on its consumption for the time being and no disclosure is made on the use of recycled water for this Report. As of 31 December 2022, SUKE has not received water from municipal third-party water supplies due to the on-going transition from construction phase to operationalisation phase. As such, water consumption data for SUKE is unavailable, and is not disclosed in this Report. Disclosure will be made once the data becomes available.

SOCIAL PERFORMANCE INDICATORS

Employees ¹	2022	2021	2020
Total Employees by Gender			
Male	465	366	371
Female	300	270	279
Total Employees	765	636	650
Total Employees by Employment Contract and Gender²			
Permanent Employees (Male)	200	220	249
Permanent Employees (Female)	187	207	221
Total Permanent Employees	387	427	470
Contract Employees (Male)	265	146	122
Contract Employees (Female)	113	63	58
Total Contract Employees	378	209	180
Total Employees by Age Group			
Under 30 Years Old	202	116	134
30 - 50 Years Old	519	473	466
Over 50 Years Old	44	47	50
Mean Salary Ratio (Female:Male)			
Senior Management	(0.64 : 1.00)	(0.62 : 1.00)	(0.62 : 1.00)
Middle Management	(0.77 : 1.00)	(0.78 : 1.00)	(0.77 : 1.00)
Operations and Support	(0.94 : 1.00)	(0.91 : 1.00)	(0.90 : 1.00)
Mean Bonus Ratio (Female:Male)³			
Senior Management	(0:39 : 1.00)	(0.46 : 1.00)	(0.40 : 1.00)
Middle Management	(0.84 : 1.00)	(0.99 : 1.00)	(0.87 : 1.00)
Operations and Support	(0.94 : 1.00)	(0.94 : 1.00)	(0.99 : 1.00)
New Employee Hires by Gender			
Male	165	51	51
Female	70	15	13
Employee Attrition by Age Group			
Voluntary Attrition			
Under 30 Years Old	43	22	16
30 - 50 Years Old	54	50	33
Over 50 Years Old	11	14	5
Involuntary Attrition			
Under 30 Years Old	0	0	1
30 - 50 Years Old	0	1	2
Over 50 Years Old	0	2	0
Employee Attrition by Gender			
Voluntary Attrition			
Male	72	56	42
Female	36	30	13
Involuntary Attrition			
Male	0	3	3
Female	0	0	0
Average Attrition Rate	7.35%	14.11%	4.73%
Attrition YTD Rate (%)	15.84%	7.57%	8.91%

SOCIAL PERFORMANCE INDICATORS

Employees ¹	2022	2021	2020
Average Training Hours by Gender			
Male	47.44	49.23	50.02
Female	47.61	49.62	49.96
Total Training Hours			
Total Training Investment (RM mil)	2.00	1.30	0.95
Average Training Hours by Employee Category			
Senior Management	47.43	49.21	50.03
Middle Management	47.45	49.20	50.02
Operations and Support	47.44	49.00	50.02
Occupational Health and Safety			
Total Man-Hours Worked (million)	2.13	1.53	1.48
Workplace Injury Incidence Rate (per mil man hours worked)	1.40	1.60	1.50
Workplace Fatality Rate (per mil man hours worked)	0.0	1.6	0.0
Loss Time Injury Frequency Rate (per mil man hours worked)	27.3	3913.9	18.2
Fatalities	0	1	0

Parental Leave	2022	2021
Employee Entitled to Parental Leave (Male)	438	366
Employee Entitled to Parental Leave (Female)	290	270
Total Employee Entitled to Parental Leave	728	636

Benefits Between Permanent and Contract Employees	Permanent	Contract
Standard Benefits	7	7
Other Benefits and Supplementary	30	15

Succession Planning	2022
Total Selected Employees	37
Total Coverage of Existing Talent Pool	5.08%
Ready Now	3
Ready In 1 Year	8
Ready In 2 Years	13
Ready In 3 Years	13
Not Ready to Advance	0

Notes to the People Performance Indicators

- In compiling this data, we have used the average of our employment record across each financial year. Given that all of our operations are located in Malaysia, specifically in the Klang Valley where all of our highways and subsidiaries are located, disclosure of the same by region is not applicable.
- There are two categories of employment contract in the Group, which are Permanent Employment which refers to employment for an indefinite period as well as Contract Employment which refers to employment for a limited period (e.g. a fixed term contract that spans for two year) which ends after the time period expires.
- The Group typically distributes its annual bonuses towards the end of the first quarter of the next financial year (i.e. Annual bonuses for FY2021 will typically be distributed in the end of first quarter of FY2022). Given the Last Practicable Date (LPD) of this Report is 31 March 2023, the disclosure of bonus ratio between Female to Male will be done accordingly (FY2020's to be declared in FY2021, FY2021's to be declared in FY2022 and so on).
- Return to Work Rate = (Total Employees that Returned to Work After Parental Leave / Total Employers Due to Return to Work After Taking Parental Leave) X 100
- Retention Rate = (Total Parental Leave Returnees that Remained Employed for 12 Months After / Total Employee that Returned to Work After Parental Leave Last Year) X 100

INDEPENDENT ASSURANCE STATEMENT



SIRIM QAS INTERNATIONAL SDN BHD INDEPENDENT ASSURANCE STATEMENT

To Board of Directors, Stakeholders, and Interested Parties,

SIRIM QAS International Sdn. Bhd. was engaged by PROJEK LINTASAN KOTA HOLDINGS SDN. BHD. (hereafter referred to as PROLINTAS) to perform an independent verification and provide assurance of the PROLINTAS Sustainability Report 2022. The main objective of the verification process is to provide assurance to PROLINTAS and its stakeholders on the accuracy and reliability of the information as presented in this statement. The verification by SIRIM QAS International applied to selected specific sustainability performance information (subject matter) within the assurance scope which is included in PROLINTAS Sustainability Report 2022.

The management of PROLINTAS was responsible for the preparation of the Sustainability Report. The objective and impartiality of this statement is assured as no member of the verification team and no other employee of SIRIM QAS International was involved in the preparation of any part of the PROLINTAS Sustainability Report and Annual Report 2022.

The assurance engagement was designed to provide limited assurance in reference to International Standard on Assurance Engagements (ISAE) 3000, Assurance Engagements other than Audits or Reviews of Historical Financial Information, and BURSA Sustainability Reporting Guide, irrespective of the organization’s ability to achieve its objectives, targets or expectations on their subject matter and sustainability-related issues. The assurance activity evaluates the adequacy of PROLINTAS Sustainability Report and its overall presentation against respective framework such as UN-SDGs, GRI Standards requirement, and other relevant frameworks. The assurance process involves verification of the following subject matter. Details provided in Appendix 1 of this statement.

Environmental Performance Indicator	
1	Energy Use – Electricity consumption
2	Energy Use – Fuel consumption
3	Water consumption
4	Waste by type and disposal method

The verification was carried out by SIRIM QAS International in January - February 2023, with the following methodologies:

- Reviewing and verifying the traceability, consistency and accuracy of information collected from various sources; internal and external documentation which are made available during the conduct of assessment.
- Verification of data presented in the Sustainability Report includes a detailed review of the sampled of data.
- Interviewing of key personnel responsible for collating information and writing various parts of the report in order to substantiate the veracity of the claims.



INDEPENDENT ASSURANCE STATEMENT

The verification process was subjected to the following limitations:

- The scope of work did not involve verification of information reported in PROLINTAS Annual Report 2022.
- The verification process did not include physical inspections of any of PROLINTAS's managed leased and leased assets. And,
- The verification team did not verify any contractor or third-party data.

Conclusion

SIRIM QAS International, a Conformity Assessment Body in Malaysia, is accredited to both ISO 17021-1:2015 and ISO 17065:2012 covering all our operational activities. The appointed assessors performing the assurance engagement were selected appropriately based on our internal qualifications, training and experience. The verification process is reviewed by management to ensure that the approach and assurance are strictly followed and operated transparently. During the verification process, issues were raised, and clarifications were sought from the management of PROLINTAS relating to the accuracy of some of the information contained in the report. In response to the raised findings, The Sustainability Report was subsequently reviewed and revised by PROLINTAS. It is confirmed that changes that have been incorporated into the final version of the report has satisfactorily addressed all issues. Based on the scope of the assessment process and evidence obtained, the following represents SIRIM QAS International's opinion:

- The level of data accuracy for specific sustainability performance information included in PROLINTAS Sustainability Report 2022 is fairly stated;
- The level of disclosure of the specific sustainability performance information presented in the report was found to be properly prepared;
- The personnel responsible were able to demonstrate the origin(s) and interpretation of data contained in the report.

List of Assessors.

- | | | | |
|----|--------------------------|---|-------------|
| 1) | Ms. Aernida Abdul Kadir | : | Team Leader |
| 2) | Ms. Kamini Sooriamoorthy | : | Team Member |
| 3) | Ms. Farhanah Md Shah | : | Team Member |

Statement Prepared by:



AERNIDA BINTI ABDUL KADIR

Team Leader

Management System Certification Department
SIRIM QAS International Sdn. Bhd.

Date: 24 February 2023

Statement Approved by:



MOHD HAMIM BIN IMAM MUSTAIN

Senior General Manager

Management System Certification Department
SIRIM QAS International Sdn. Bhd.

Date: 3 March 2023

Note 1:

This Independent Assurance Statement has been issued based on the content verified prior to the approval date. SIRIM QAS International Sdn Bhd shall not be responsible for any changes or additions made after the referred date (24 February 2023).

INDEPENDENT ASSURANCE STATEMENT

Appendix 1 The topics and information covered in this assessment is tabulated below: Assessment review has been referred to the disclosures as specified in “Notes to the Environmental Performance Indicators”, finalized in February 2023.	CLASSIFICATION OF DATA			
	HIGH	MEDIUM	LOW	UN SUBSTANTIATED
Energy Use – Electricity consumption				
Energy Use – Fuel consumption				
Water consumption				
Waste by type and disposal method				

Note 1:

This Independent Assurance Statement has been issued based on the content verified prior to the approval date. SIRIM QAS International Sdn Bhd shall not be responsible for any changes or additions made after the referred date (24 February 2023).

Note 2:

The assurance involves activity aims to obtain sufficient appropriate evidence to express a conclusion designed to enhance the degree of confidence of the intended users other than the responsible party, about the subject matter information. It comprises of activities carried out to assess the quality and credibility of the qualitative and quantitative information reported by the organization. This assurance is different from activities used to assess or validate the organization performance, such as compliance assessments or the issuing of certifications against specific standard.

Note 3:

Definition of HIGH, MEDIUM, LOW and UNSUBSTANTIATED Classification of Data of Appendix 1

HIGH – Data and information reviewed has been confirmed with the direct owners. The source of the data origin was provided during the conduct of the assessment.

MEDIUM – Data and information has been confirmed with the direct owners. However, the source of the data origin has been based on secondary data which is not accessible by the verifiers during the conduct of the assessment.

LOW – Data and information reviewed has been based on information endorsed by the data owners. Verifiers did not have the access to the source of the data origin. It has been identified as one of the limitations during the conduct of the assessment.

UNSUBSTANTIATED – Data and information was not made available during the assessment review period due to reasons like confidentiality, unattainable data source and unavailable data owner. It has been identified as one of the limitations during the conduct of the assessment.



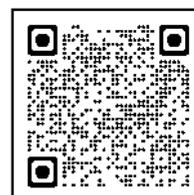
LIST OF POLICIES

No.	Name of Policies
1.	Environmental, Safety and Health Policy
2.	Quality Policy
3.	Road Traffic Safety Policy
4.	Anti-Sexual Harassment Policy
5.	Grievance Policy
6.	Information Technology Policy
7.	Software Policy
8.	Security Policy for Physical and Data
9.	Network Usage Policy
10.	Hardware Usage Policy
11.	Shared Resources Usage Policy
12.	Email Usage Policy
13.	Internet Usage Policy
14.	Password Policy
15.	Anti-Bribery and Corruption Policy
16.	No Gift Policy
17.	Whistleblowing Policy
18.	Declaration of Assets Policy
19.	Declaration of Interest Policy
20.	Facilitation Policy
21.	Hospitality Policy
22.	Charitable and Donation Policy
23.	Sponsorship Policy
24.	Support Request Policy
25.	Political Contribution Policy
26.	Due Diligence Policy
27.	Integrity Pact Policy
28.	Code of Business Ethics and Conduct
29.	Supplier Code of Conduct
30.	Personal Data Protection Policy for Employees and Job Applicants

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Feedback

We welcome your feedback on this Report which may be addressed to: sustainability@prolintas.com.my. We pledge to consider all relevant feedback that may benefit our efforts to continuously raise the standards of our sustainability practices and disclosures.



This QR code may also be scanned to access the feedback page on our corporate website.



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