HASROL ROSLI

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Professional Summary

Dynamic and results-driven sustainability leader with over 20 years of progressive experience in engineering, environmental management, and sustainable development within the public transportation sector. Proven track record of leading high-impact sustainability initiatives, including emissions reduction roadmaps, renewable energy projects, and ESG integration across large-scale organizations. Adept at cross-functional leadership, stakeholder engagement, and driving strategic frameworks aligned with national and global sustainability goals. Recognized speaker, panelist. and national assessor contributing to Malaysia's sustainability standards and community development.

Professional Experience

PRASARANA MALAYSIA BERHAD

Petaling Jaya, Selangor

Head of Sustainability, Senior Vice President, Sustainability Sr. Manager (Group Prasarana) Jul 2023-Present

- Led a multi-disciplinary 7-person team to develop a sustainability framework, driving the sustainability agenda for urban public transportation (metro and bus) at Prasarana, a company with up to 13,000 employees.
- Promoted within 12 months due to strong performance and organizational impact (two years ahead of schedule)
- Developed emission reduction roadmap to ascertain initiatives to achieve 45% emissions reduction by 2030 and carbon neutrality and beyond
- Carry annual budget up to RM50 million to work on sustainability initiatives

Selected Project Experience

- Solar Photovoltaic
 - o Drove development of rooftop solar photovoltaic (PV) for Prasarana. Phase-1 of the project using power purchase agreement (PPA) self-consumption model with zero capital expenditure (CAPEX) for 47 sites (including depots, stations and office building) with installation capacity up 14MWp with expected saving of RM500,000++ per annum with a value of RM40,000,000
 - Collaboration with Malaysian Green Technology and Climate Change Corporation (MGTC) on piloting for battery energy storage system (BESS) for renewable energy to be used for charging EV Bus via Global Environment Facility fund (GEF-7) with co-financing value of USD7,400,000
- Sustainability Capacity Building for Employee
 - Certified Sustainability Executive Program (CSEP) with a value of RM200,000
 - Certified Sustainability Manager Program (CSMP) with a value of RM300,000
 - Certified Sustainability X Officer Program (CSXOP) with a value of RM400,000
- Sustainable Procurement and Supply Chain
 - ESG Vendor Hub with assessment tools for 5,000 SMEs with a value of RM600,000
- Upcycling & Recycling Initiative
 - RailTag from decommissioned train. Collaboration with The Green Factory
 - Uniform upcycling. Collaboration with KLOTH
 - Used Cooking Oil (UCO). Collaboration with FatHopes
 - WOW waste recycling. Collaboration with Alam Flora Environmental Solutions
 - KLEAN reverse vending machine. Collaboration with Janz Technologies Sdn. Bhd.
- Publication
 - Prasarana Sustainability Blueprint 2023-2030 with four Goals "Environmental, Safety, Social & Governance" and nine targets
 - Employee Sustainability Handbook with a value of RM100,000
 - Prasarana Emission Reduction Roadmap 2030 with a value of RM100,000

Vice President, Sustainability Manager (Group Prasarana)

Apr 2022 - Jul 2023

- Led the development and approval Sustainability Framework and Blueprint 2023-2030
- Coordinate and engage with 13 Business Units for the Sustainability Working Committee
- Established seven (7) years plan for Environment, Safety, Social and Governance (ESG) goals, strategies and action plan to be carried out for Prasarana Group to reach its carbon emission reduction goals by 2030.
- Achieve saving up to RM1m+ from green electric initiatives within a year

Head of Department, Environment & Sustainability (Group Prasarana)

Oct 2019 - Apr 2022

- Led a team of seven (7) people ranging from environment executive to assistant vice president creating and upkeeping group level policies and standard operating procedure e.g., Environment Aspect & Impact, Schedule Waste Management
- Led Certified Environmental Professional in Sheduled Waste Management (CePSWaM) certification programme for Prasarana Group. 18 out of 23 personnel passed the CePSWaM test.
- Zero "0" Non-Compliance Report (NCR) and Opportunity for Improvement by ISO Certification Body for ISO14001 Audit Year of 2021

Head of Department, Facilities & Admin (Rapid Bus Sdn Bhd)

Mar - Sep 2019

- Managed cross-functional team of 32 people in 3 locations (Kuala Lumpur, Penang and Kuantan), ranging from clerical worker to vice president and responsible for RM10M+ budget.
- Achieved cost saving up to RM0.5 million per annum of outsourced contracts by adopting different strategies in contract management

Manager, Facilities Maintenance (Group Prasarana)

Apr 2015 - Feb 2019

 Managed facilities management team of 12 people in Kuala Lumpur, ranging from technician to engineer and responsible for RM6M+ budget.

Assistant Manager, Facilities Maintenance (Group Prasarana)

Jan 2012 - Mar 2015

 Managed facilities management team of 12 people in Kuala Lumpur, ranging from technician to engineer and responsible for RM3M+ budget

RANGKAIAN PENGANGKUTAN INTEGRASI DERAS SDN BHD

Petaling Jaya, Selangor

Senior Engineer (Kelana Jaya Line, Ampang & Sri Petaling Line)

Jan 2009 - Dec 2011

- Conducting periodical inspection to tunnel, bridges, viaducts, and buildings for structure assessment and handling outsource repair works for Kelana Jaya line and Ampang line.

Engineer (Kelana Jaya Line)

Apr 2005 - Dec 2008

- Conducting periodical inspection to tunnel, bridges, viaducts, and buildings for structure assessment and handling outsource repair works for Kelana Jaya line.

Engineer May 2003 - Nov 2004

 Conducting field survey on bridges, viaduct, jetty and lighthouse for structural assessment and handling tender for structural repair works.

Selected Project Experience

- Structural assessment and rehabilitation of One Fathom Bank Lighthouse
- Structural assessment of Sungai Pinang Bridge
- Structural assessment of KL-Karak bridges
- Structural assessment of Ampang KL Elevated Highway (AKLEH)

AL MASHAAER AL MUGADDASSAH METRO LINE

Mecca, Saudi Arabia

Engineer, Civil Works

Jan - Apr 2016

- Lead team of engineers and technicians on civil and structure maintenance for nine (9) stations, one (1) depot, viaducts and bridges of the Al Mashaaer Al Mugaddassah Metro line for Cycle-4 and Cycle-5 of contract period

Coordinator, Cleaning Services for Hajj Operation

Aug - Sep 2016

 Coordinating cleaning services for Hajj season year 2016 through sub-contractors with up to 3,000 workers per day (nine (9) days operations)

Education

UNIVERSITI TEKNOLOGI MALAYSIA Bachelor of Engineering, Civil

1998 - 2003

Certifications

Certified Lead Auditor Integrated Management System (IMS) ISO9001, ISO14001 and ISO45001 -2022-

Skills

- ESG Reporting
- Net Zero Strategy
- Environmental Compliance
- Green Technology
- Public Transportation Sustainability
- Stakeholder Engagement
- Energy Efficiency

Awards

- Prasarana Employee Appreciation and Recognition for Life (PEARL) as Best Individual for the month of April and overall Q2 2023 for the recognition and contribution to secure Green Electricity Tariff (GET) which translated to savings up to RM1 million –2023-
- Prasarana Associate Trainer (PAT) -2022 till present-
- Selected as high-potential talent to undergo Prasarana Talent Aspire program which is a tailor-made for a talent pool of 300++ pax out of 12,000 employees

Professional Recognition

- Appointed as "Panel Penilai Kebangsaan" for the development of National Competency Standard (NCS) of Carbon Footprint Calculation, Sustainability Compliance and Sustainability Reporting by Jabatan Pembangunan Kemahiran (JPK) of Ministry of Human Resources. The NCS will be used by all Certificate candidate at tertiary level education as a complement to the existing NOSS towards making workers in Malaysia more relevant and competitive in this era of globalization. -2023-
- Expert panelist assessor on grants for University of Malaya Community Flagship Programme. The focus of this grant is on community projects that support the Shared Prosperity Vision 2030 (SPV 2030) and benefit communities such as the B40 group, poor and extreme poor, indigenous communities, people with disabilities (OKU), youth, women, children, and the elderly. –2024-
- Speaker and Panelist for the following: -
 - Asia Pacific Climate Week 2023; "Accelerating Sustainable Urban Transport in Asia and the Pacific" organized by UN ESCAP -2023-
 - Asia Pacific Rail; Sustainable Rail; "Implementing Eco-Friendly Practices and Green Technologies in Rail Operations and Infrastructure" -2024-
 - Peterson Solutions x University of Malaya; "ESG in Action Bridging Theory, Innovation and Impact" -2025-

Volunteering

- Co-leader for TRASH HERO Kuala Lumpur Chapter since 2023