



ELEVATING LIVES

BIODIVERSITY



HIGH IMPORTANCE
MEDIUM IMPORTANCE
LOW IMPORTANCE

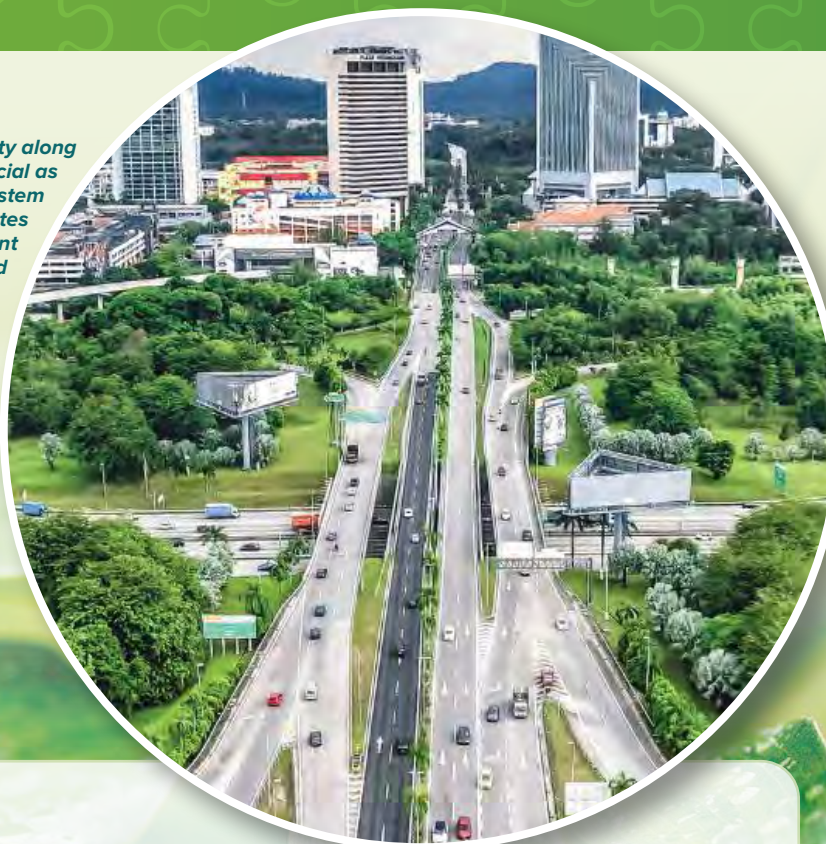
SIGNIFICANCE

PROLINTAS, embodying environmental stewardship, goes beyond operational duties to actively support Biodiversity. Our focus extends beyond immediate tasks to embrace a broader vision of environmental stewardship, preserving and enriching biodiversity within and around our project areas.

Our approach surpasses mere compliance, leading to ecological conservation. By integrating sustainable practices from planning to execution, we ensure our impact on the natural world is beneficial. PROLINTAS becomes not just a highway operator but a proactive contributor to planetary ecosystems.

Viewing biodiversity as integral to ecological balance, we prioritise innovative environmental practices for the long-term health of our planet.

Preserving biodiversity along our highways is crucial as it enhances ecosystem resilience, promotes pollination for adjacent agricultural lands and provides habitats for wildlife. These factors contribute to overall environmental sustainability and mitigating the impacts of habitat fragmentation caused by road infrastructure.



OUR APPROACH BIODIVERSITY

01

FOSTERING ECOSYSTEMS ALONG OUR HIGHWAY NETWORK

Our biodiversity initiatives consist of two distinct approaches. The first focuses on supporting ecosystems along our highways, while the second nurtures green environments beyond our immediate operational boundaries.

01: Revolving around the concept of ‘**Symbiotic Highways**’, we embody a profound synergy between urban development and the preservation of natural ecosystems.

02

NURTURING THE ENVIRONMENT BEYOND OUR OPERATIONAL BOUNDARIES

02: By recognising the interconnectedness of ecosystems, we strive to be pioneers in responsible infrastructure development, setting a standard for the industry and leaving a positive impact on the planet we all call home.



01

FOSTERING ECOSYSTEMS ALONG OUR HIGHWAY NETWORK

Our dedication to fostering thriving ecosystems along our highways stems from a profound understanding that these efforts contribute significantly to the overall ecological health and sustainability of the areas in which we operate. Reflecting a deep-seated commitment to preserving and enhancing biodiversity, we are cognisant of going beyond infrastructure development.

GREEN INITIATIVES

EDIBLE GARDEN AT KAJANG SILK (E-GARDEN)

WHAT

An edible garden cultivated on open spaces around our highway offices and designed as smart urban agro-gardens.

WHERE

Pilot project at Sg. Balak Toll Plaza, Kajang SILK.

WHY

The 'Edible Garden at the Office' is a dynamic space that promotes sustainability, wellness, innovation and efficient utilisation of space.

'E' represents our 6E principles:
**Edible, Environment, Engagement,
Encouragement, Education and
Empowerment.**

*Spicing Up Sustainability:
Fresh chilies from our
Office Edible Garden.*

Overview

About
PROLINTAS

Our Business
Approach

Guiding
Voices

Our
Leadership

Sustainability
at
PROLINTAS

Our
Materiality
Matters

Accelerating
Advancement

Elevating
Lives

Converging
Communities

Data &
Assurance



OUR IMPACT STORY

EDIBLE GARDEN AT KAJANG SILK

Our 'Edible Garden at the Office,' a pilot project launched at Sungai Balak, Kajang SILK, is a dynamic space embodying sustainability, wellness, innovation, and efficient space utilisation. Themed around the concept of 6T - *Tanam, Tinggal, Tuai, Tersusun, Terapi, Tenang* - the project reflects our goals aligned with the 6E principles of Edible, Environment, Engagement, Encouragement, Education and Empowerment.

6 KEY PRINCIPLES



EDIBLE

Fostering health and wellness: With fresh, organic produce, our garden encourages a healthy lifestyle and promotes wellbeing and mindful eating.



ENVIRONMENT

Creative upcycling and waste reduction: Our approach to reduce waste through recycling demonstrates our commitment to environmental stewardship.



ENGAGEMENT

Optimising office space: By transforming under-utilised spaces into a green area, we maximise our office environment to make it more vibrant and productive.



ENCOURAGEMENT

Enriching skills and connection with nature: More than merely an activity for relaxation; gardening is a practical way to learn valuable agricultural skills and deepen our bond with the environment.



EDUCATION

- **Empowering self-reliance:** Growing our own food enhances food security, empowering us with self-reliance and resilience.
- **Cultivating sustainability:** We are nurturing an environmentally-responsible culture, inspiring our team to embrace sustainable practices in and out of the office.



EMPOWERMENT

Innovating through smart agriculture: We explore and implement smart agricultural techniques, fostering innovation to stay at the forefront of modern, sustainable gardening practices.





02

NURTURING THE ENVIRONMENT BEYOND OUR OPERATIONAL BOUNDARIES

GREEN INITIATIVES



GREEN PLEDGE OF HABITAT RESTORATION

DESCRIPTION

The pledge underscores our dedication towards habitat restoration to maintain a balance between infrastructure progress and environmental sustainability.

TARGET

We are committed to restore any loss of habitat arising from our development of highways, including where necessary, the creation of new habitats at other locations to ensure no net loss in overall biodiversity.

COMMITMENT

We practice sustainable planning to ensure our highway alignments circumvent critical ecosystems such as forests and wetlands. Where not possible, we are resolved to substitute every tree felled with two trees planted elsewhere.

In PROLINTAS, environmental stewardship is a key principle that reaches far beyond the confines of operational sites, reflecting a profound commitment to the broader ecosystem. This dedication to environmental protection is evident in the efforts to preserve diverse plant and animal life, acknowledging the link between company operations and the wider ecological landscape. By nurturing environments beyond operational areas, we actively safeguard and enhance natural habitats, showcasing an understanding of the importance of environmental balance and the protection of natural resources for future generations.



Saplings were planted at three metre intervals in a grid planting system.



The saplings are tagged for identification.

INITIATIVES

FOREST RESTORATION PROGRAMME

We are collaborating with the Federal Territory Forestry Department to reforest and rejuvenate the biodiversity in parts of the Sungai Besi Forest Reserve. To date, we have planted 14,000 saplings of various tree species such as *champhor* (*drybalanops aromatica*) and *kandis burung* (*garcinea merguensis*) on 11.33 ha, equivalent to 22 football fields.

EFFORTS TO REVIVE CRITICALLY-ENDANGERED SPECIES

We prioritise the planting of tree species such as *balau sengkawan air* (*shorea sumatrana*) that are listed as critically-endangered on the International Union for Conservation of Nature (IUCN) red list.

PRIORITISING SYMBOLS OF NATIONAL BIODIVERSITY

One of the selected species, *pokok merbau* (*instia palembanica*), was declared as a National Tree to symbolise the strength and endurance of Malaysians.

Overview

About PROLINTAS

Our Business Approach

Guiding Voices

Our Leadership

Sustainability at PROLINTAS

Our Materiality Matters

Accelerating Advancement

Elevating Lives

Converging Communities

Data & Assurance



ELEVATING LIVES BIODIVERSITY

OUR PERFORMANCE

We track performance and monitor the effectiveness of our initiatives on biodiversity via metrics including the scale of areas set aside for green and landscaping projects measured against the cumulative area of our highway infrastructure.

INTENSITY OF OUR GREEN PROJECTS

11.33 ha

Total area of green projects beyond our boundaries

FY2023 Number of Trees

14,000

FY2021: 14,000



FOREST TREES

1,000

Casuarina equisetifolia
Rhu Pantai

800

Dryobalanops aromatica
Kapor

2,000

Hopea odorata
Merawan Siput Jantan

1,000

Intsia palembanica
Merbau

1,000

Shorea leprosula
Meranti Tembaga

2,000

Shorea parvifolia
Meranti Sarang Punai

1,200

Shorea sumatrana
Balau Sengkawang Air

9,000

Total



14,000

Grand Total

NATIVE FRUIT TREES

1,120

Artocarpus lanceifolius
Keledang-keledang

723

Baccaurea motleyana
Rambai

200

Bouea macrophylla
Kundang

235

Citrus x clementina
Kiat

105

Durio zibethius
Durian Kampung

78

Elateriospermum tapos
Perah

468

Eugenia claviflora
Keriang Bol

470

Eugenia malaccensis
Jambul Bol

30

Garcinia merguensis
Kandis Burung

132

Irvingia malayana
Pauh Kijang

50

Lansium domesticum
Langsat Hutan

85

Lepisanthes alata
Perupok

100

Mangifera odorata
Kuini

250

Pometia pinnata
Kasai

247

Parkia sp.
Petai

450

Parkia sp.
Petai

80

Sandoricum koetjape
Sentul

177

Syzygium polyanthum
Salam

5,000

Total



Eugenia malaccensis
Jambul Bol

ELEVATING LIVES BIODIVERSITY

GOING FORWARD

PROLINTAS remains dedicated to biodiversity conservation. We will prioritise initiatives supporting and enhancing biodiversity in and around our project areas.

Through proactive measures and innovation, we aim to integrate biodiversity considerations into our operations for the long-term health of ecosystems.

Overview

About
PROLINTAS

Our Business
Approach

Guiding
Voices

Our
Leadership

Sustainability
at
PROLINTAS

Our
Materiality
Matters

Accelerating
Advancement

Elevating
Lives

Converging
Communities

Data &
Assurance