SUSTAINABLE ACTION CONFERENCE 3.0

MDBC NL INNOVATION & SUSTAINABILITY AWARDS 2025

**SUSTAINABLE ACTION CONFERENCE 2025**
MDBC INNOVATION & SUSTAINABILITY AWARDS

**22 October 2025** | 8.00am - 6.00pm | 6.00pm - 7.30pm
Grand Ballroom, Grand Hyatt Kuala Lumpur


# THE FUTURE IS NOW:
# ACCELERATING SUSTAINABLE TRANSFORMATION

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THE FUTURE IS NOW:
# ACCELERATING SUSTAINABLE TRANSFORMATION

## SESSION 3:
## Circular, Regenerative & Resource-Efficient: Redefining Growth

**Moderator:**

**Mr. Girish Ramachandran**
Executive Director & Advisor
27 Advisory & Aurion Mirai

**Panellist:**

**Mr. Jussi Veikko Saloranta**
Chairman of the Board
Corsair Group International

**Mr. Syaiful Azmen Bin Nordin**
Managing Director
Landasan Lumayan Sdn Bhd (LLSB)

**Pn. Diyana Mohd Amin**
Head of Sustainability & ESG
Iskandar Investment Berhad (IIB)

**Pn. Elina Jani**
Chief Sustainability Officer
Nextgreen Global Berhad

02:45PM – 03:45PM

**Session 3:**
**Circular, Regenerative & Resource-Efficient: Redefining Growth**

**Focus:**
To accelerate the shift to circular economy models and nature-positive strategies that regenerate rather than deplete natural resources.

## MODERATOR

**Mr. Girish Ramachandran**
Executive Director, 27 Advisory
Advisor, Aurion Mirai

## SPEAKERS

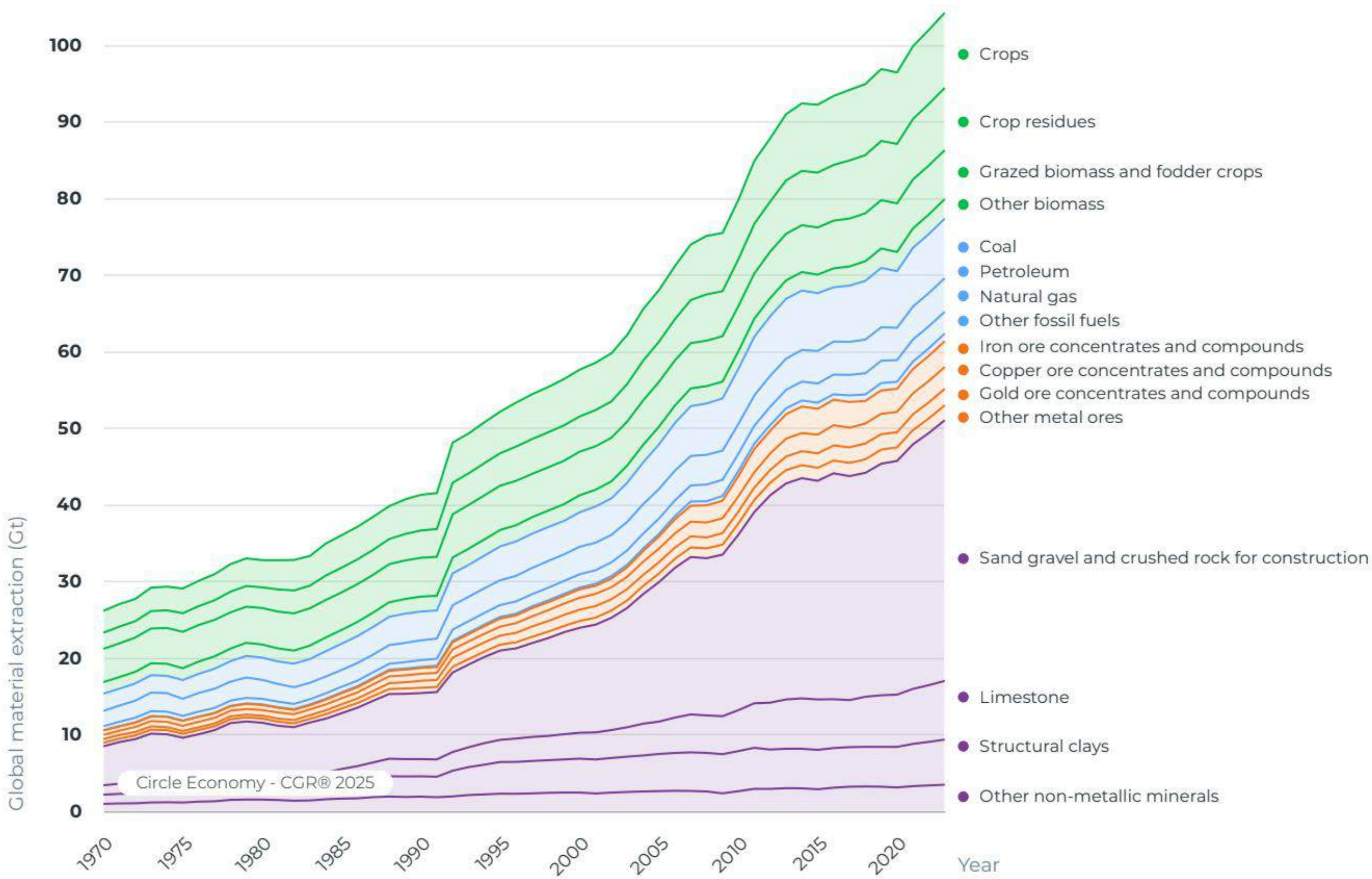
**Mr. Jussi Veikko Saloranta**
Chairman of the Board,
Corsair Group International

**Puan Diyana Binti Mohd Amin**
Head of Sustainability & ESG,
Iskandar Investment Berhad (IIB)

**Mr. Syaiful Azmen Bin Nordin**
Managing Director,
Landasan Lumayan Sdn Bhd (LLSB)

**Puan Elina Jani**
Chief Sustainability Officer,
Nextgreen Global Berhad

# Relentless growth in global resource use driven by the continued expansion of global economic activity is putting Earth's systems under extreme pressure




The diagram portrays the evolution of global material extraction from 1970 to 2023 by main material group, as well as the top materials driving this growth.

The latest Global Resources Outlook paints a sobering picture of trends in natural resource use, showing that **global material extraction has more than tripled in the last fifty years**.

The current scale of global resource use is the **main driver of the triple planetary crisis** of climate change, biodiversity loss and pollution, with material extraction and use driving around two-thirds of greenhouse gas emissions and over 90% of total biodiversity loss and water stress, for example.

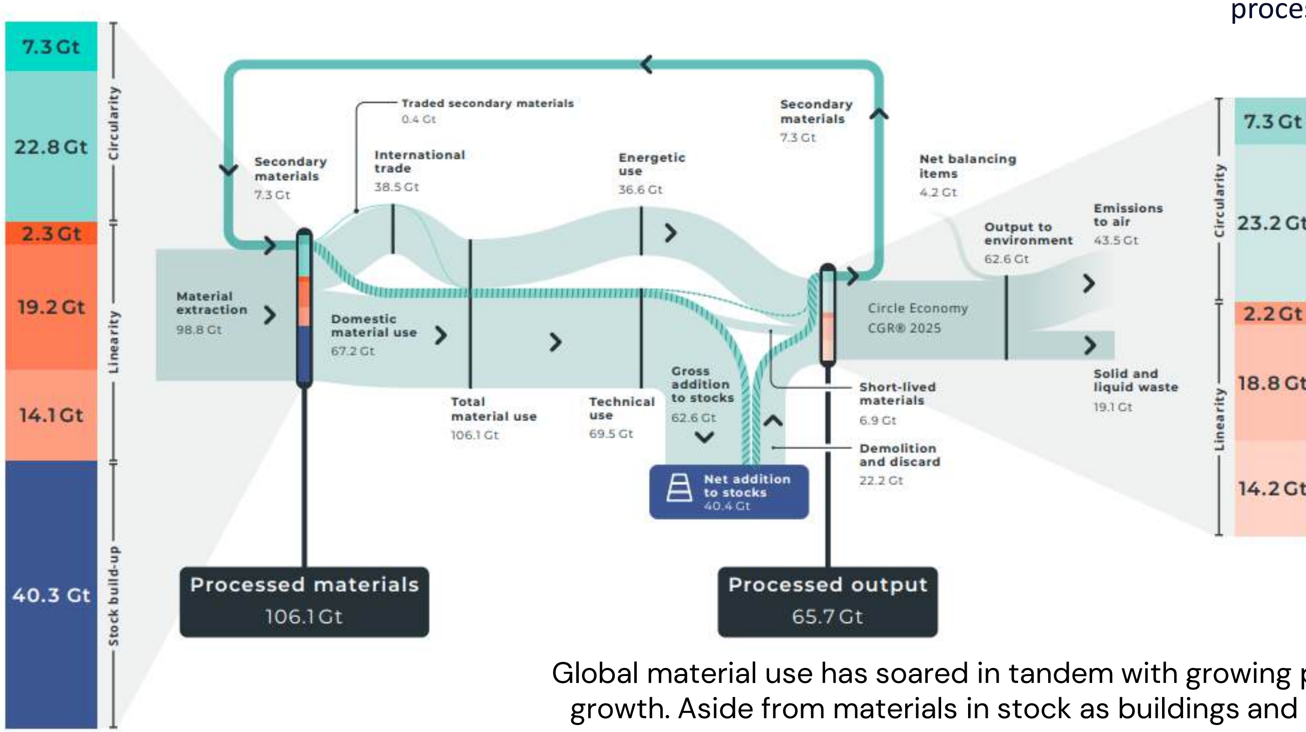
*Source: The Circularity Gap Report 2025*

# The world consumes 106.1 billion tonnes of materials per year …

## INPUT

Of the 106.1 billion tonnes of processed materials flowing into the global economy:

- **6.9 %** are Secondary Materials (Technical Cycling rate)
- **21.5 %** are Carbon-Neutral Biomass (Ecological Cycling Potential rate)
- **2.2 %** are Non-Carbon-Neutral Biomass (Non-Renewable Biomass rate)
- **18.1 %** are other Virgin, Non-Renewable Materials (Non-Renewable rate)
- **13.3 %** are Fossil Fuels used for energy purposes (Non-Circular Flows rate)
- **38.0 %** are virgin materials accumulated in Stocks (Net Additions to Stock)




## OUTPUT

Of the 65.7 billion tonnes of processed outputs flowing out of the global economy:

- **11.2 %** are waste destined for recycling
- **35.3 %** are waste and emissions from Carbon-Neutral Biomass
- **3.4 %** are waste and emissions from Non-Carbon-Neutral Biomass
- **28.6 %** are waste disposed of without recovery
- **21.6 %** are emissions and waste from Fossil Fuels used for energy purposes

Global material use has soared in tandem with growing populations and economic growth. Aside from materials in stock as buildings and infrastructure, most of the materials will end up wasted either through loss to environment or discarded. 28.6% of materials extracted eventually are lost without recovery, and only 11.2% is recycled.

This causes a **permanent loss of value** from what has been extracted from the planet and is clearly an unsustainable consumption model.

*Source: The Circularity Gap Report 2025*

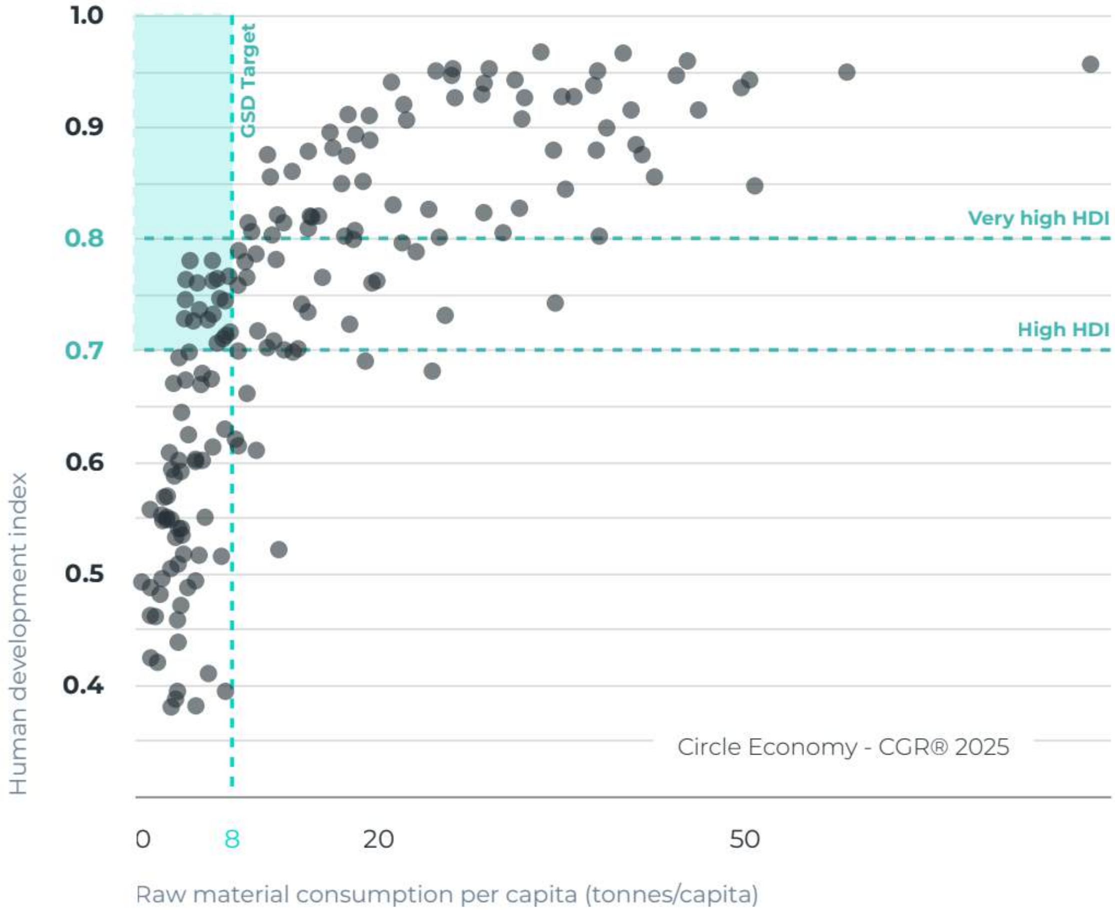
# Reducing inequality both between and within nations will be key to tackling the triple planetary crisis

**Exponential growth in resource consumption hasn't been evenly distributed around the globe:**

High income countries have a per capita material footprint six times (6X) that of lower-income countries—24 tonnes compared to 4 tonnes.

**Recent statistics showed that, beyond a certain point, increasing material consumption does not necessarily translate to greater well-being:**

many high-income countries have already reached a saturation point, where further increases in resource use lead to diminishing returns in terms of human development gains.



# There is an imperative need to shift from Linear Economy to Circular Economy …

**LINEAR ECONOMY**
Take-make-waste Economy

*Products and materials are underutilised, move in one direction, from raw material to waste*

Take → Make → Consume → Throw

**Drivers of Change**

Escalating resource scarcity and waste generation

Climate transition pressures (net-zero goals)

ESG and green finance driving corporate shifts

**CIRCULAR ECONOMY**
Create a Closed-loop System

*Designed to minimise waste and maximise the use of resources*

# … and sustaining it for the long term

Current economic systems is founded on an extraction-at-all-costs mentality.

In this system, profit is deemed more important than protecting or respecting people and/or the planet

**DEGENERATION**

**Deplete, degrade**

**Sustainability**

**Sustain the status quo**

Sustainability is a bridge to regeneration, and will help move us from degenerative ways of being to a model of restoration and replenishment

**Replenish, restore**

**REGENERATION**

Replenish and restore our planet, communities, ecosystems and increase the resilience and flourishing of our planetary system

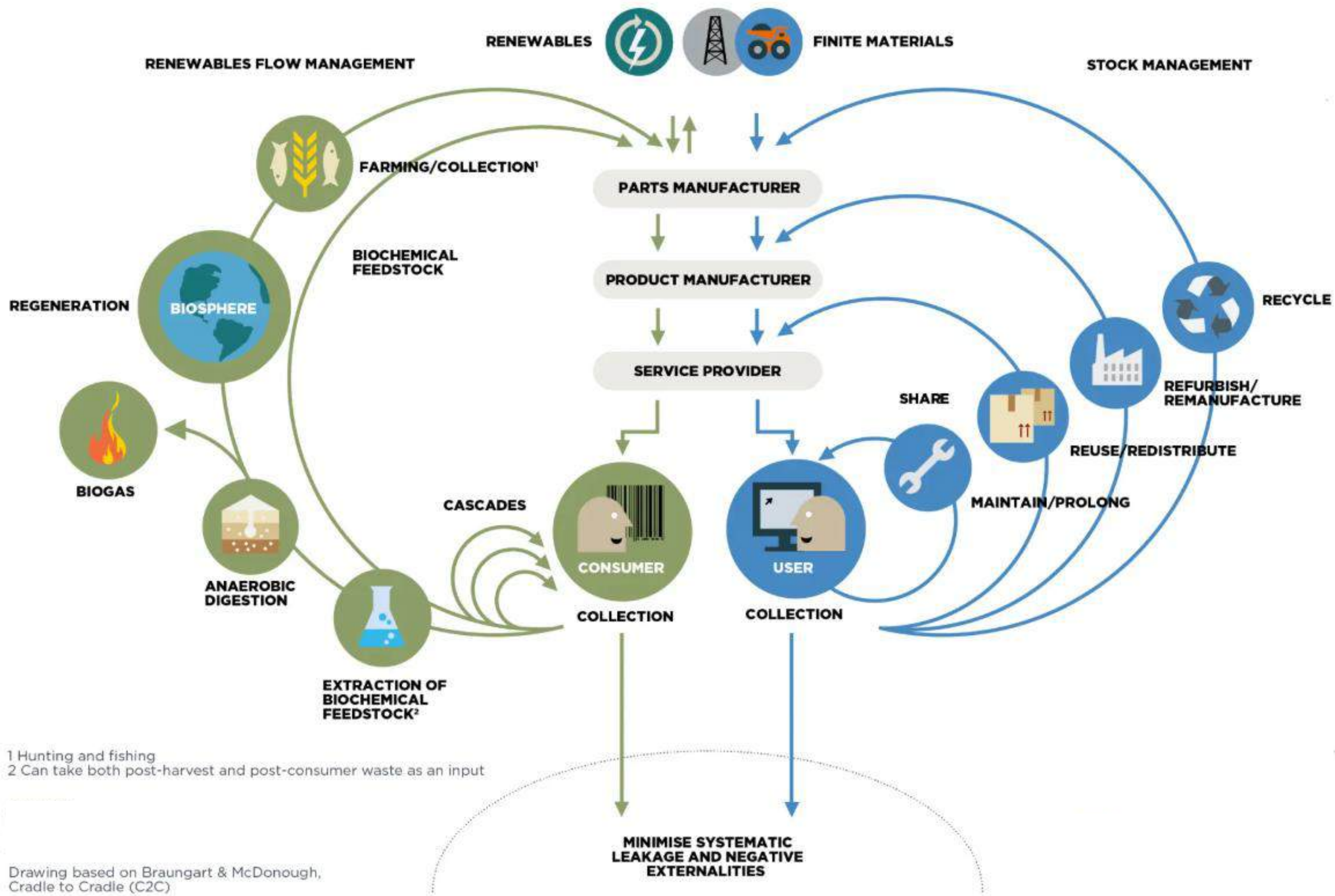
*Source: Work for Climate – What on earth is regenerative business?*

# Circular economy – a systemic approach to economic development designed to benefit businesses, society, and the environment

The circular economy is often depicted in a so-called "butterfly diagram" which represents the complexity of interlinked material and service elements in the biosphere (represented by the "loops" on the left side of the diagram) and the technosphere (represented by the "loops" on the right side of the diagram).

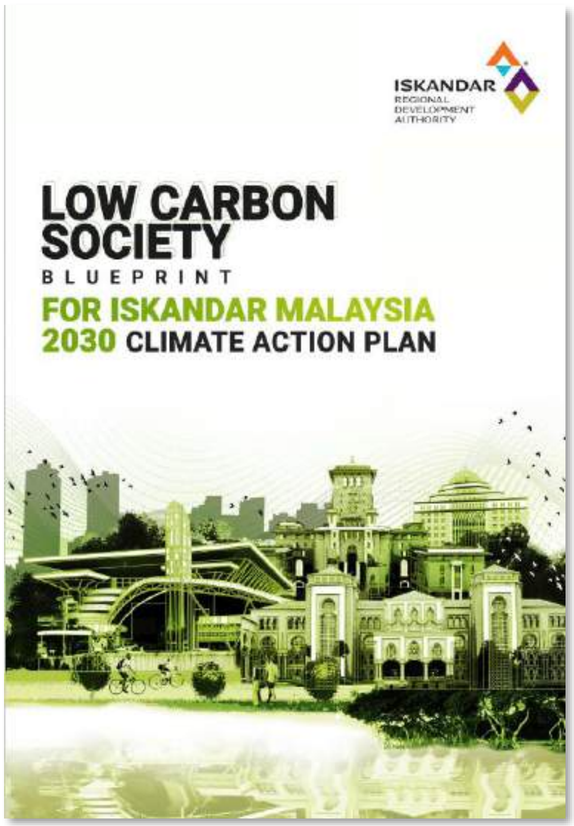
Primarily based on three principles:

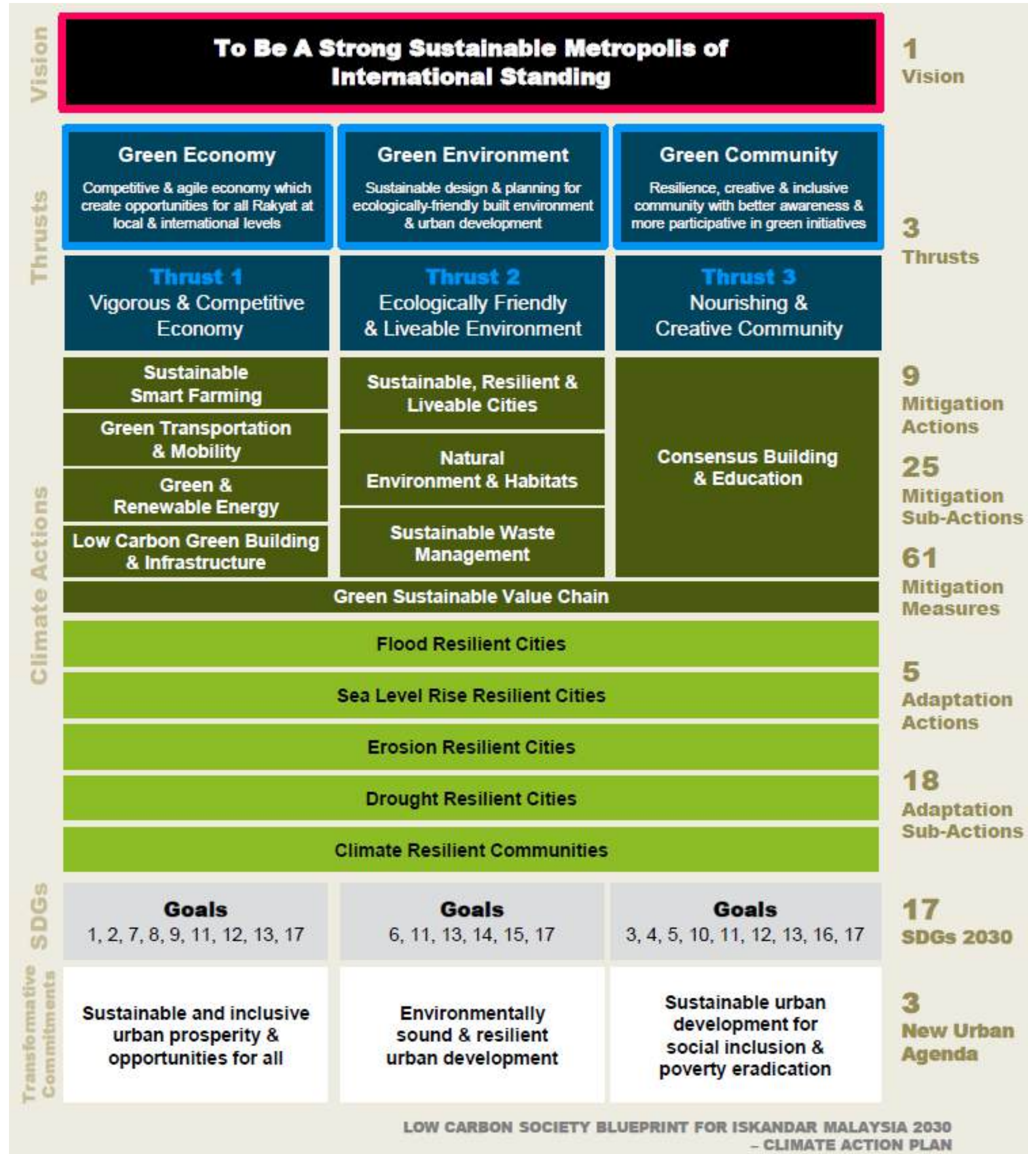
- **Eliminate waste and pollution**
- **Circulate products and materials**
- **Regenerate nature**




*Source: Ellen Macarthur Foundation – The circular economy in detail*

# Case Study:
## Low Carbon Society Blueprint for Iskandar Malaysia 2030 Climate Action Plan




*Source: IRDA – Low Carbon Society Blueprint for Iskandar Malaysia 2030 Climate Action Plan*

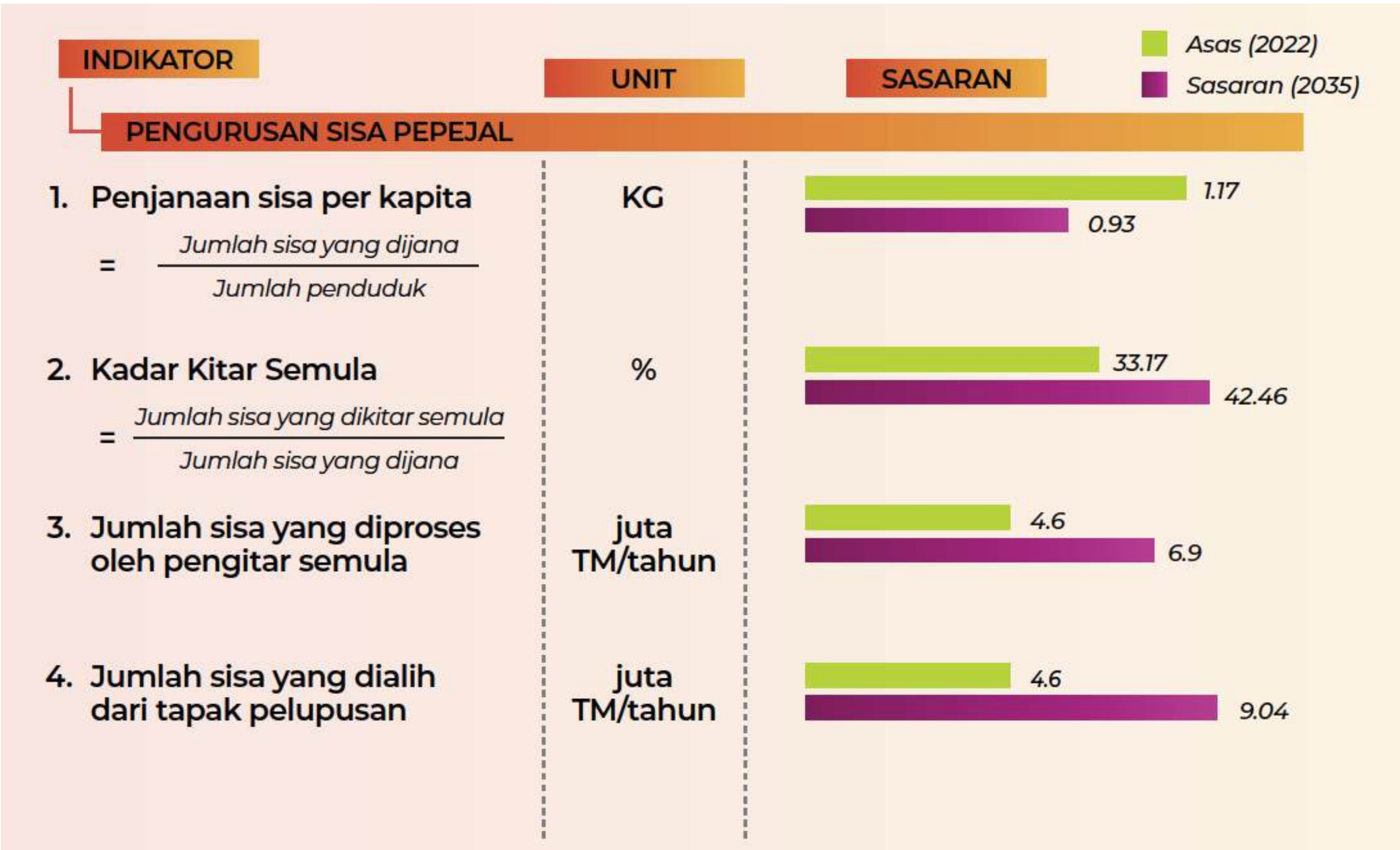
# Case Study:
## Circular Economy Blueprint for Solid Waste in Malaysia


### RANGKA KERJA STRATEGIK

| TONGGAK STRATEGIK | INISIATIF EKONOMI KITARAN | |
|---|---|---|
| Tonggak Strategik 1: Tadbir Urus dan Perundangan | CEI 1 | Transformasi perundangan bagi pengurusan sisa pepejal |
| | CEI 2 | Pelaksanaan EPR bagi sisa pepejal |
| | CEI 3 | Menubuhkan NCEA bagi memacu inisiatif ekonomi kitaran di kalangan pemain industri |
| | CEI 4 | Menggalakkan pemaju perumahan menyediakan kemudahan yang menyokong pelaksanaan ekonomi kitaran |
| | CEI 5 | Memperkukuh sistem pelesenan bagi ekosistem pengurusan sisa pepejal |
| Tonggak Strategik 2: Garis Panduan dan Prosedur | CEI 6 | Memperkenalkan perundangan berkaitan pembungkusan |
| | CEI 7 | Membangunkan garis panduan reka bentuk produk |
| | CEI 8 | Memperkenalkan Sijil Sifar-Sisa-ke-Tapak Pelupusan |
| | CEI 9 | Menetapkan elemen ekonomi kitaran dalam perancangan pembangunan dan reka bentuk bangunan, infrastruktur dan kemudahan awam |
| | CEI 10 | Mewujudkan pasaran bagi bahan kitar semula tempatan |
| Tonggak Strategik 3: Pendigitalan dan Teknologi | CEI 11 | Memperkukuhkan sistem data bagi pengurusan sisa pepejal |
| | CEI 12 | Mewujudkan platform digital e-dagang sisa pepejal |
| Tonggak Strategik 4: Infrastruktur dan Kemudahan | CEI 13 | Membangunkan WEP bagi menggalakkan simbiosis industri |
| | CEI 14 | Meningkatkan pembangunan MRF dan IWMF |
| | CEI 15 | Menaik taraf tapak pelupusan sedia ada kepada tapak pelupusan sanitari merangkumi MRF |
| Tonggak Strategik 5: Pewujudan Pasaran | CEI 16 | Memperkenalkan instrumen ekonomi bagi menggalakkan penglibatan sektor swasta dalam aktiviti ekonomi kitaran |
| | CEI 17 | Melaksanakan Skim PAYT untuk sektor CII dan Pembinaan |
| | CEI 18 | Menggalakkan pelaburan dalam program dan fasiliti R&D melalui kerjasama antara pemain industri tempatan dan luar negara |
| | CEI 19 | Memperkasa program pembangunan modal insan berkaitan ekonomi kitaran untuk sektor awam dan swasta |
| | CEI 20 | Memperkasa program CEPA yang dipacu oleh industri |

*Source: KPKT – Circular Economy Blueprint for Solid Waste in Malaysia*

# Malaysia’s Targets for Circular Economy in Solid Waste




*Source: Circular Economy Blueprint for Solid Waste in Malaysia*

**Mr. Jussi Veikko Saloranta**
Chairman of the Board,
Corsair Group International

A serial entrepreneur, investor and a Director of several international companies. Jussi has a strong background in a variety of business sectors, including real estate, hospitality, finance and the transport industry.

He has been active for years in the energy field, in particular the green and alternative energy market, investing and developing a number of cutting-edge innovative energy projects.

With Corsair, his key areas are strategy setting and business development.

# FROM PLASTIC TO PLASTIC - WITH CHEMICAL RECYCLING

CORSAIR FACILITY

CORSAIR FACILITY IN FINLAND

# CSR PLASTIC CREDIT AND THE LABEL FOR A BETTER WORLD



# CORSAIR IS PROUD TO WORK WITH CONTROL UNION

**Mr. Jussi Veikko Saloranta**
Chairman of the Board,
Corsair Group International

**QUESTIONS :**

1. What's the most critical barrier to scaling Corsair's pyrolysis oil production in Southeast Asia—feedstock security, capital intensity, or off-take stability?

2. How are Plastic Credits priced and verified, and how do they tangibly drive behaviour change in communities or local councils?

3. What do you see as the biggest catalyst in the next 12 months for market acceptance and brand adoption?

**Mr. Syaiful Azmen Bin Nordin**
Managing Director,
Landasan Lumayan Sdn Bhd (LLSB)

Syaiful Azmen bin Nordin is the Managing Director of Landasan Lumayan Sdn Bhd (LLSB), a wholly owned subsidiary of Menteri Besar Selangor (Incorporation (MBI). LLSB has been appointed as the Master Developer by the Selangor State Government to spearhead the Klang River Rehabilitation and Redevelopment Project, known as Selangor Maritime Gateway (SMG).

He has 24 years of experience in corporate strategy, financial restructuring, and strategic management. He has been with the MBI Group of companies for more than ten (10) years and has been involved in several corporate and financial restructuring exercises within the group. In addition to driving the State's economic initiatives and being involved in the property development, river management and green economy sectors,

Syaiful is also driving LLSB towards championing the ESG agenda under the MBI Group of Companies. Syaiful holds a Bachelor of Accountancy (Hons.) from Universiti Teknologi MARA (UiTM), a Graduate Diploma in Business Administration from the National University of Singapore (NUS) under the Airport Management Development Program (AMDP) and completed the Senior Management Program at Harvard Business School in 2019.


- reduced waste and pollution
- conservation of natural resources
- lowering greenhouse gas emissions


95,000 MT of waste


THE OCEAN CLEANUP
THE OCEAN CLEANUP
BPK1112X



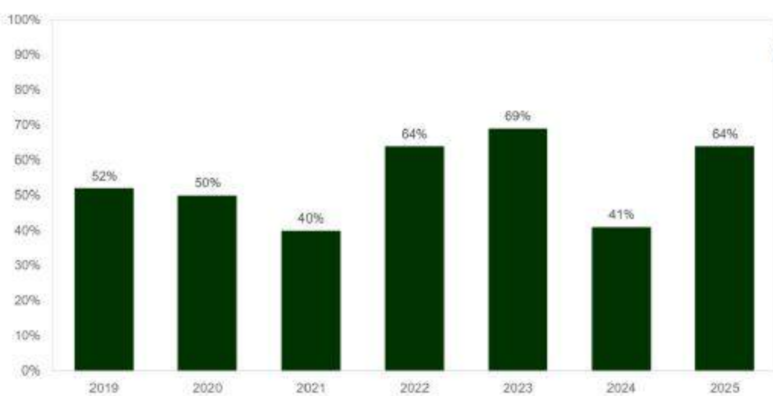
Total Waste Collection:

**95,806 MT**

(2016 until July 2025)

**Reduction of**

**82%** **in 2024 (2,986 MT)**
**compared to 2016 (16,407 MT)**




WQI Percentage :

From year 2019 to 2025, WQI has increased from,

**52%** to **64%.**

Water Quality of Sungai Klang has increased from **Class V** to **Class III.**

**Mr. Syaiful Azmen Bin Nordin**
Managing Director,
Landasan Lumayan Sdn Bhd (LLSB)

**QUESTIONS :**

1. How can the polluter-pays principle be practically implemented for river systems like SMG's? Would you prefer levies, concessions, or EPR-based recovery fees?

2. Which monetization models—plastic or carbon credits—are most immediately viable for Selangor?

3. How can the private sector co-invest in making the river circular, not just clean?

**Puan Diyana Binti Mohd Amin**
Head of Sustainability & ESG,
Iskandar Investment Berhad (IIB)

Diyana Amin is spearheading Iskandar Investment Berhad (IIB)'s Sustainability & ESG division as Head of Sustainability & ESG. Diyana is primarily responsible for developing and implementing group sustainability & ESG strategies, as well as coordinating and aligning resource solutions to help achieve our mission and vision.

Coming from the hybrid discipline of Sustainability, Urban Design (& Interior Architecture) and Project Management in Built Environment – Space Transformation for over 15 years, Diyana graduated Master of Science (MSc) in Integrated Construction Project Management with top Distinction.

Her multidisciplinary experiences enable her to navigate through space design and planning, workplace transformation, feasibility studies, project management, change management and business model paradigm shifts well, including to join forces in providing Sustainable Solutions through township development, constructions & fitout.

# ABOUT IIB

*Building an Inclusive and Sustainable Metropolis of the Future*

# ABOUT IIB

Iskandar Investment Berhad (IIB) is an investment holding company incorporated in November 2006 to catalyse the strategic development of Iskandar Malaysia. IIB focuses on Iskandar Puteri (previously known as Nusajaya) or Flagship Zone B.

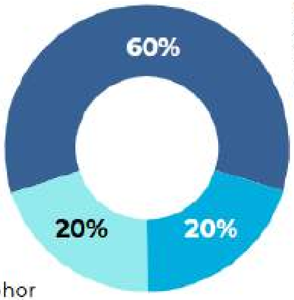
With land bank totaling 6,680 acres in Medini, EduCity and Wawari of Iskandar Puteri, Johor, IIB will continue to develop high-impact projects in the tourism and leisure, creative, tech, education and wellness sectors to cultivate an attractive investment destination and a vibrant region.

Khazanah Nasional Berhad (KNB), Employees Provident Fund (EPF) and Kumpulan Prasarana Rakyat Johor (KPRJ) are the shareholders of IIB.

# OUR SHAREHOLDERS

KHAZANAH NASIONAL

Khazanah National Berhad (KNB) is the sovereign wealth fund of Malaysia, established to invest surplus revenues for the nation. It aims to deliver sustainable economic and societal values for Malaysia.




KPRJ

Kumpulan Prasarana Rakyat Johor Sdn Bhd (KPRJ) is an investment arm of the Johor State Government, focused on developing social and infrastructure projects. This includes projects in engineering, construction & property development.

KWSP EPF

The Employees' Provident Fund (EPF), is a Malaysian government agency responsible for managing a compulsory savings plan and retirement planning for private sector workers and non-pensionable public sector employees.

*Streamline 1*

**IIB CORPORATE OPERATIONS**

- Governance & Leadership
- Risk Management
- and more...

*Streamline 2*

**IIB DESTINATIONS DEVELOPMENT**

- Environmental Performance
- Transportation
- and more..

**IIB NET ZERO CARBON ROADMAP**

# OUR CORE VALUES



Johor is the southernmost state of Peninsular Malaysia, directly bordering Singapore to the south. Its area is about 28 times larger than Singapore or approximately 19,000 km². Strategically, Johor is within 2 to 6-hour flight radius to major regional capitals and ASEAN cities.


ISKANDAR MALAYSIA

**ABOUT ISKANDAR MALAYSIA (IM)**

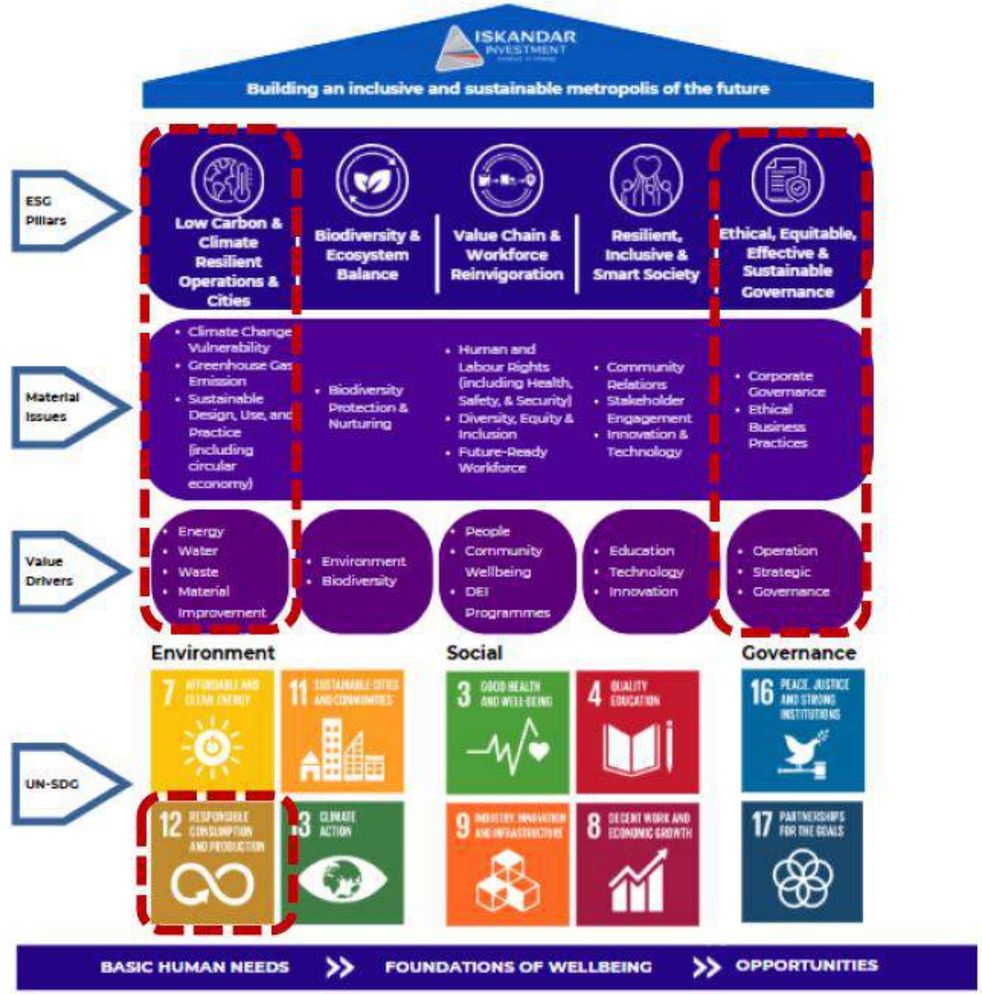
- Covering 547,800 acres – IM is a major economic zone in Johor, divided into 6 flagship zones. IIB and its land bank are located within the Flagship B: Iskandar Puteri focusing as Johor New State Administration Centre, University Park, Medical Hub, International Destination Resort & Logistics


**ABOUT ISKANDAR PUTERI**

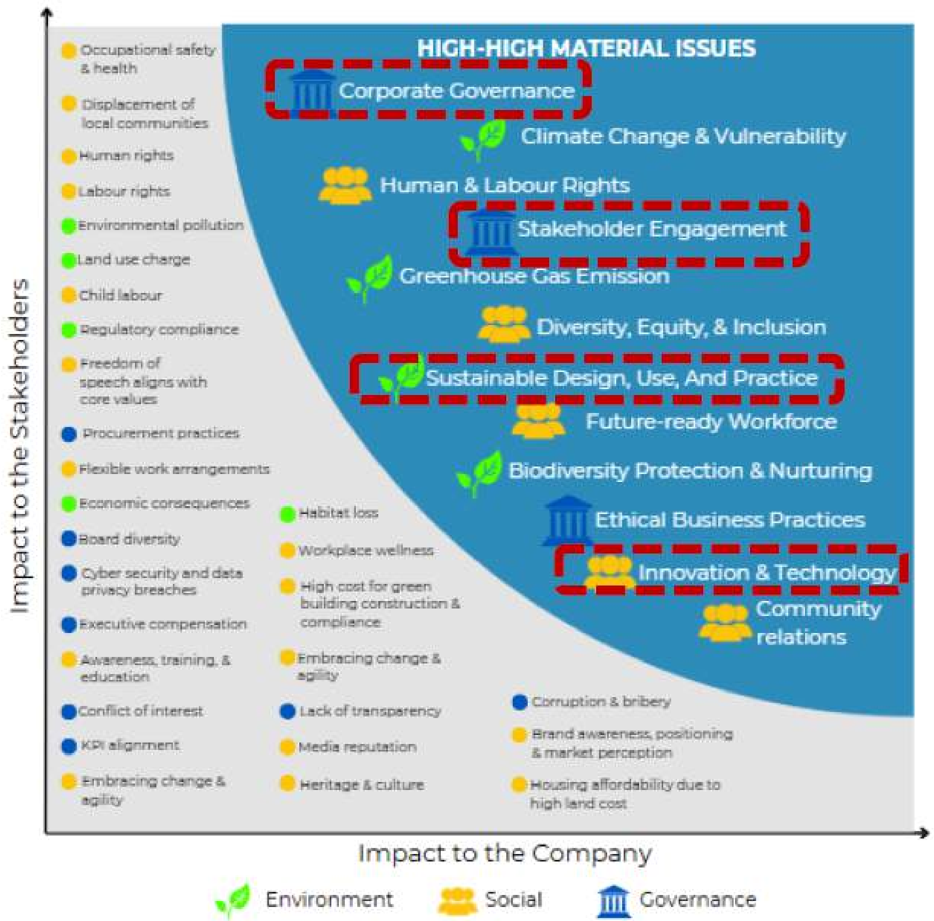
- Spanning across 24,000 acres
- EduCity: 305 acres, Asia's First Multi-Campus Education City.
- Medini: 2,230 acres, consists of 6 thematic zones
- Wawari: 3,000 acres township, including a 800-acre mangrove reserve.

## SUSTAINABILITY JOURNEY


## ESG FRAMEWORK



## MATERIALITY MATRIX




Following the groundwork established in our inaugural report, IIB continued our stakeholder engagement efforts in 2024 to validate and refine our material issues. This annual materiality review ensured our strategy remains aligned with stakeholder expectations and operational priorities. This materiality matrix reflects evolving trends, feedback, and business developments, reaffirming our focus on the most significant ("high-high") issues. These top-priority areas continue to shape IIB's ESG framework, guide strategic initiatives, and inform how we allocate resources. The matrix below illustrates the evolution of our priorities and the deepening of our sustainability commitments.

ESG FRAMEWORK

# STATE, NATIONAL & INTERNATIONAL ALIGNMENTS

**National Energy Transition Roadmap (NETR)**
Guides Malaysia's shift to a low-carbon economy by 2050. Influences IIB's renewable energy planning, energy efficiency, and Net Zero Carbon Emission Roadmap.

**Low Carbon Cities Framework (LCCF)**
Developed by KASA and MGTC to reduce urban carbon emissions. IIB uses LCCF to benchmark and guide city-wide carbon reduction across transport, energy, and waste.

**Johor Green Deal (JGD)**
State-level comprehensive policy framework to drive sustainable, low-carbon, and inclusive development in Johor.

**BUILDING AN INCLUSIVE AND SUSTAINABLE METROPOLIS OF THE FUTURE**

**Johor-Singapore Special Economic Zone (JS-SEZ)**
Focuses on economic integration with sustainability and innovation as core pillars. This supports IIB's cross-border partnerships, green jobs, and future-ready infrastructure.

**United Nations Sustainable Development Goals (UN-SDGs)**
IIB maps its initiatives to the 17 SDGs.

**Green Building and Energy Standards**
Affects building design, operations, reporting, recognitions and award submissions, promoting regional benchmarks for sustainability.

**UN Global Compact (UNGC)**
as a member in the UNGCMYB SDG, IIB aligns with its Ten Principles on human rights, labour, environment, and anti-corruption.

Utusan Malaysia

LOG MASUK LANGGAN

Johor, Universiti Oxford kerjasama lahir pegawai kerajaan negeri berkualiti tinggi

BUSINESS

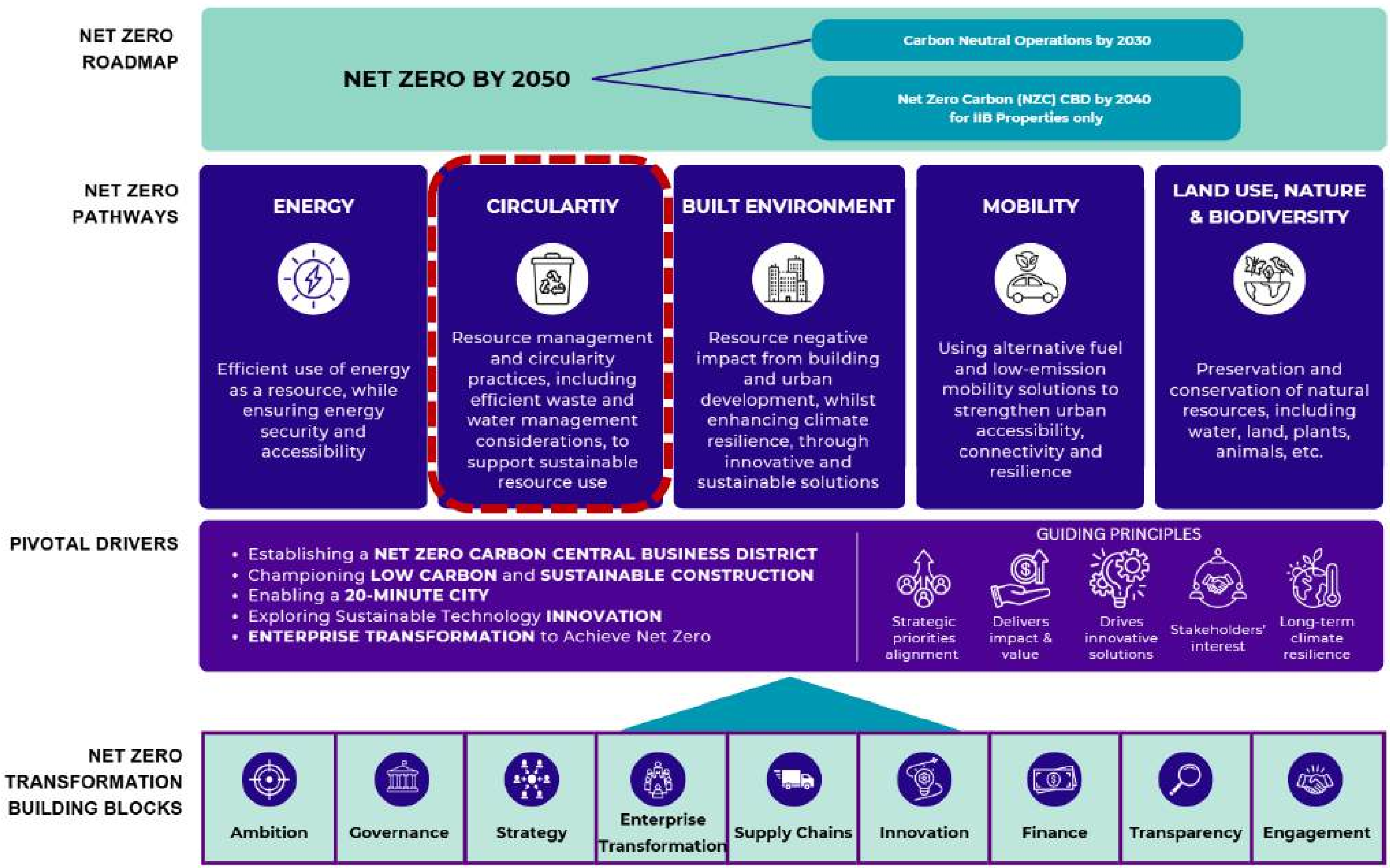
## Iskandar Investment Berhad Applauds Johor's Vision to Lead the Digital and Creative Economy

*IIB reaffirms its commitment to supporting Johor's transformation into a regional innovation hub through investment, talent development, and ecosystem growth*

By The Iskandarian - 15/09/2025 0

*From left to right: Dato' Idzham Mohd Hashim, President/CEO of Iskandar Investment Berhad (IIB), presenting the Medini Innopolis Masterplan to Dato' Onn Hafiz Ghazi, Chief Minister of Johor*

# NET ZERO DECARBONIZATION FRAMEWORK & STRATEGY




IIB's overarching Net Zero strategy enables a more structured and holistic response to the Net Zero ambition.

# KEY ENABLERS

| ENABLERS | DESCRIPTION |
|---|---|
| GUIDELINES & POLICIES | Practical guidance and expectations on implementing Net Zero to internal and external stakeholders, enabling a consistent approach in integrating Net Zero considerations across relevant areas |
| SUSTAINABLE FINANCE & GREEN INCENTIVES | Financing considerations that may impact the feasibility of operationalising IIB's Net Zero pathways |
| CAPABILITY AND CAPACITY BUILDING | Raising awareness and enabling a qualified talent pool corresponding to current and future needs to support IIB's Net Zero ambition - this involves addressing knowledge and skills gaps |
| DATA MANAGEMENT & COMMUNICATION | Data management system to collect, analyse and report data to enable transparency on IIB's Net Zero progress and impact, easing communication to various stakeholders |
| STAKEHOLDER ENGAGEMENT | Collaboration with various stakeholders to advocate and advance IIB's Net Zero response, particularly across activities within cities and destinations that may have dependencies external stakeholders |

Key enablers have been embedded across the pathways to accelerate the implementation of each action item.

# IIB'S NET ZERO GENERAL ROADMAP

GHG EMISSIONS

## ACHIEVING 2030 TARGETS

Laying the foundation for Net Zero through clean energy, circularity, green buildings, e-mobility, and urban greening.

**Implementation:**

**Energy**
- Install rooftop solar for key assets
- Purchase RECs

**Circularity**
- Phase out single-use plastics
- Implement source separation and recycling programmes
- Reduce water consumption

**Built Environment**
- Adopt green building certifications

**Mobility**
- Electrify company-owned vehicle fleet

**Land Use, Nature & Biodiversity**
- Maintain tree coverage
- Plant trees across cities and destinations

## ACCELERATING DECARBONISATION

Accelerating decarbonisation through expanded renewables, zero-waste systems, certified green buildings, low-carbon mobility, and thriving urban ecosystems.

**Implementation:**

**Energy**
- Expand renewable energy use across operations

**Circularity**
- Strengthen efforts to divert waste from landfills
- Implement rainwater harvesting in IIB-owned buildings
- Deploy wastewater recycling in IIB-owned buildings

**Built Environment**
- Certify all IIB-owned buildings
- Extend certification to existing buildings across destinations

**Mobility**
- Improve walkability, cycling networks, and household access to parks and public transport

**Land Use, Nature & Biodiversity**
- Expand urban greenery and increase native species planting

## GETTING TO NET ZERO

Final push to net zero through more renewables, full recycling, green mobility, and climate-ready landscaping.

**Implementation:**

**Energy**
- Expand installed renewable energy capacity across destinations
- Increase the share of renewables in the overall energy mix

**Circularity**
- Maximise circularity efforts & innovative solutions across operations and destinations
- Scale up wastewater recycling systems
- Implement rainwater harvesting systems

**Mobility**
- Achieve seamless pedestrian and cycling connectivity throughout key areas

**Land Use, Nature & Biodiversity**
- Improve soil permeability through sustainable landscaping and green design

Business as usual (BAU)

Net Zero Carbon Roadmap

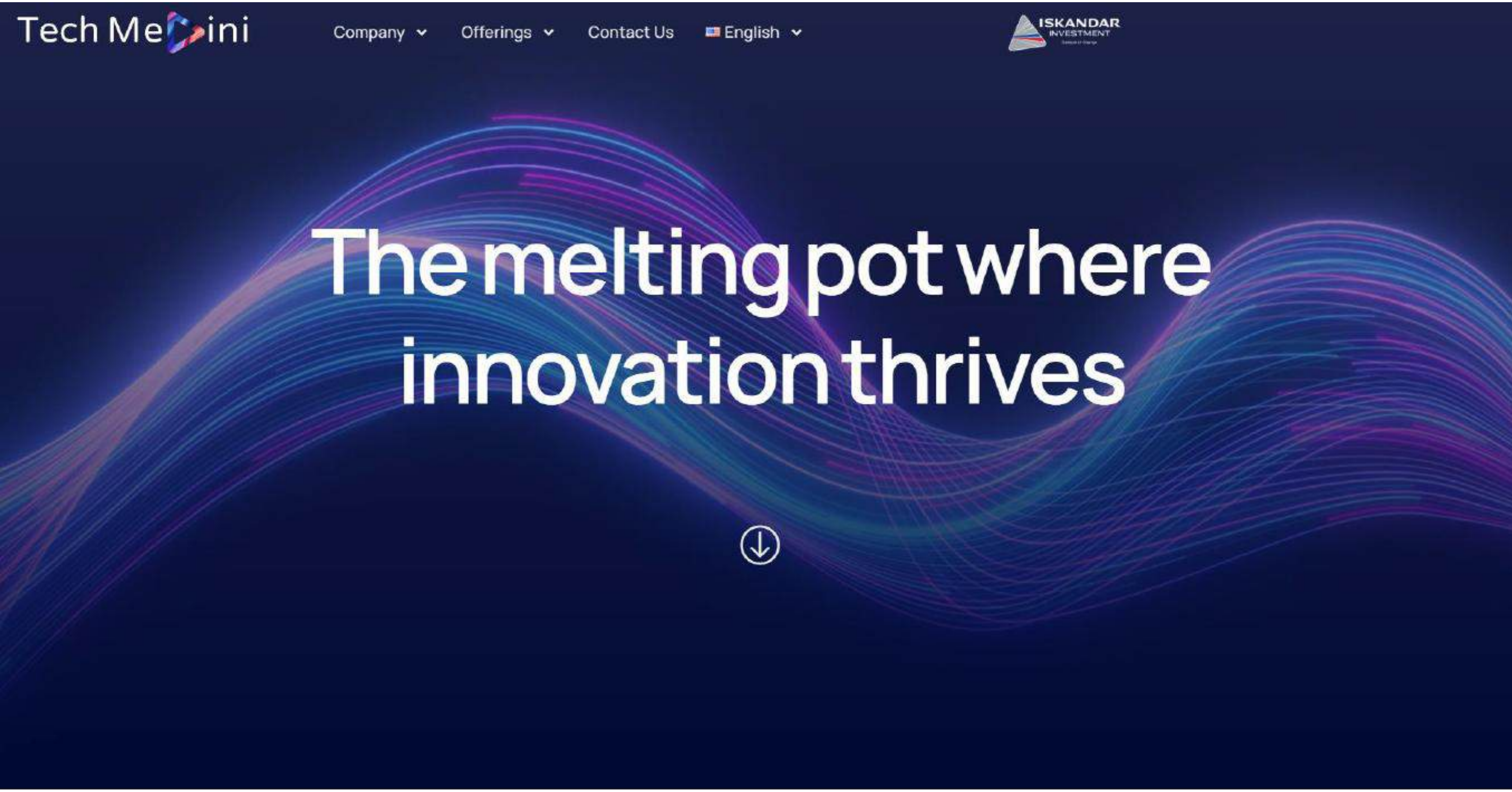
2024 | 2030 | 2040 | 2050

Net Zero Carbon Roadmap

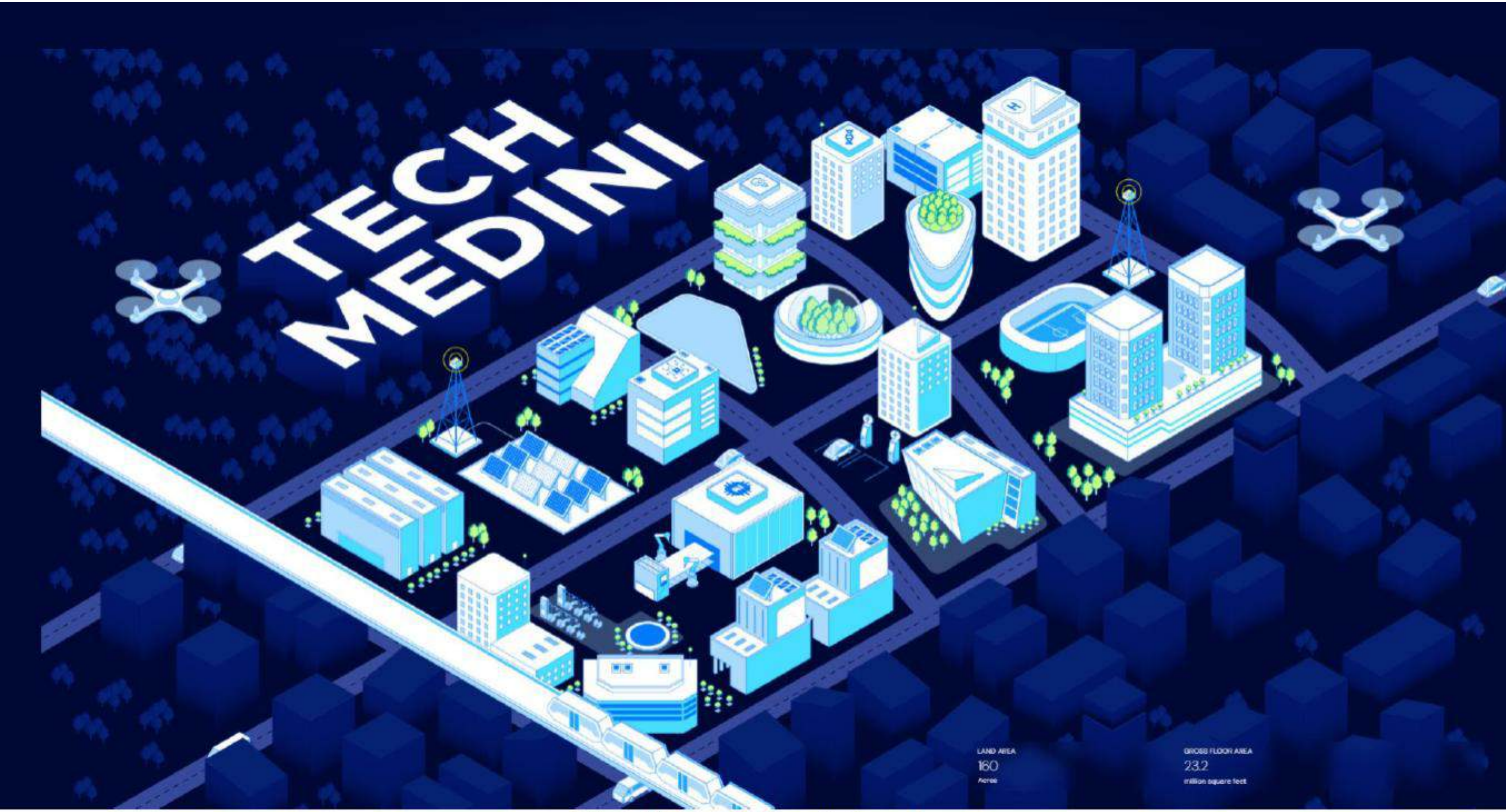
Business-as-usual

**Target:**
- Carbon Neutral Operations by 2030
- By 2030, 46.2% reduction in operational emissions
- By 2030, 49% reduction in emissions across IIB's cities and destinations.

**Target:**
- Net Zero by 2050
- NZC CBD by 2050




https://www.techmedini.com/




https://www.techmedini.com/

NEW STRAITS TIMES BUSINESS TIMES



# Idzham: Tech Medini to drive RM9b investment target in Johor's Medini

By Sharen Kaur Jul 23, 2024 @ 4:07pm

# MEDINI INNOPOLIS

*Building an Inclusive and Sustainable Metropolis of the Future*

MEDINI
INNOPOLIS


## MEDINI INNOPOLIS: STRATEGIC MASTERPLAN

Medini Iskandar Malaysia, initiated in 2008, was planned as a smart, sustainable, and vibrant township. The master plan was developed in line with Iskandar Malaysia's vision of becoming a "Strong and Sustainable Metropolis of International Standing." Since then, projects such as LEGOLAND® Malaysia and Gleneagles Medini Hospital have supported the area's growth and visibility. However, the 20-year-old master plan has faced structural and implementation challenges that have slowed progress. The COVID-19 pandemic further reinforced the need for a more adaptive and resilient strategy.

In 2023, the Medini Innopolis Masterplan was launched as a new strategic blueprint in response to prevailing challenges, introducing an urban framework centered on resilience, sustainability, innovation, and economic diversification. Covering 294.8 acres within Medini Iskandar Malaysia, the Innopolis strategic masterplan aims to transform Medini through catalytic developments, driving a diversified mixed-use urban model that aligns with global development trends while advancing local policy priorities.

## SMART . SUSTAINABLE . RESILIENT

At IIB, we are embedding sustainability at the heart of our operations and developments, charting a purposeful transition toward a low-carbon, smart and resilient future. Our sustainability journey is anchored by five (5) pillars within IIB's ESG Framework; ensuring that every initiative not only mitigate risks, but to unlocks transformative opportunities for responsible growth and long-term impact.



## MEDINI INTERNATIONAL CONVENTION CITY: NEW TOURISM HUB

The Medini International Convention Centre (MICC), as the first district activated under Medini Innopolis, is positioned to capitalize on strong demand and favourable market timing, serving as a global hub for knowledge exchange, collaboration, and innovation. With a mission to curate world-class conferences, exhibitions, and events, MICC is designed not only as a premier destination but also as a powerful economic catalyst — attracting visitors, investors, and residents, strengthening the property market, and creating employment opportunities. By fostering sustainable urban development, technological advancement, and cultural vibrancy, MICC anchors Medini's emergence as a leading international tourism and business hub in the region.

## NET ZERO CARBON CENTRAL BUSINESS DISTRICT: NEW COMMERCIAL CENTRE

IIB is positioning Medini as a Net Zero Carbon City and a new tourism hub, with a vision to achieve net zero emissions by 2050 and deliver the region's first Net Zero Carbon CBD by 2040 (for IIB properties). Anchored on digitalisation, innovation, and Global Business Services (GBS), the 100-acre CBD prioritises people-centricity, green sustainability, and smart city living through human-scale design, inclusive public spaces, and active community participation. The development integrates green areas, advanced energy technologies, and sustainable transport planning, supported by smart infrastructure such as energy management, next-generation security, and intelligent mobility systems — setting a new benchmark for sustainable, resilient, and future-ready urban development in Iskandar Puteri.

## EDUCITY: ASIA'S FIRST ONE-STOP MULTI CAMPUS FOR EDUCATION

IIB continues to shape Iskandar Malaysia into a dynamic, liveable, and investment-ready region. EduCity Iskandar Malaysia, established in 2008 as Asia's first multi-campus education city and recognized as an Entry Point Project (EPP) under the NKEA, positions Johor as a hub for knowledge, innovation, and talent development. Spanning 305 acres, EduCity integrates universities, research centres, student housing, lifestyle facilities, and an international sports complex within a shared ecosystem. This model fosters collaboration among institutions, enhances student life, and delivers a diverse, world-class learning environment. As a catalyst for socio-economic growth, EduCity advances Iskandar Malaysia's vision of becoming a sustainable, globally connected metropolis, setting a benchmark for integrated education townships in the region.

**Puan Diyana Binti Mohd Amin**
Head of Sustainability & ESG,
Iskandar Investment Berhad (IIB)

**QUESTIONS :**

1. What are the most material sustainability levers IIB must control—energy, materials, or behaviour—and how are you sequencing them?

2. How will Medini's procurement strategy embed circularity while remaining cost-competitive?

3. What role will the Johor–Singapore SEZ play in attracting investors and technology providers to Medini?

**Puan Elina Jani**
Chief Sustainability Officer,
Nextgreen Global Berhad

Elina Jani is currently the Chief Executive Officer of Nextgreen Biomass Sdn. Bhd., the wholly-owned subsidiary of Nextgreen Global Berhad. She brings along with her more than 20 years of working experience in diverse portfolios in the green technology and biotechnology industry.

Elina possesses a strong background in the public sector, previously driving biotechnology investments for 8 years under MOSTI, as well as driving green technology investments for 9 years under NRES. Elina has delivered more than RM55 billion worth of potential Investments for Malaysia's Green Technology Sector from 2016-2025 She graduated with a Bachelor's Degree (Honours) in Science, majoring in Microbiology from Universiti Malaya ("UM") in 2004.

NEXTGREEN GLOBAL BERHAD

Registration No. 200501375l2 (719660-W)

## MISSION

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## VISION

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*Next Generation of Green.*

| | |
|---|---|
| Company Name | Nextgreen Global Berhad |
| Stock Exchange Listing | Main Market Bursa Securities Berhad NGGB7241 |
| Stock Price (250825) | MYR 0.83 |
| Sector | Industrial Products & Services |
| Date of Establishment | 1982 |
| Type of Industry | Manufacturing |
| No. of Employees | 200+ |

### Nextgreen's Milestones

1982 — 200 7 — 2017 — 202 2 — 202 3 — 202 4

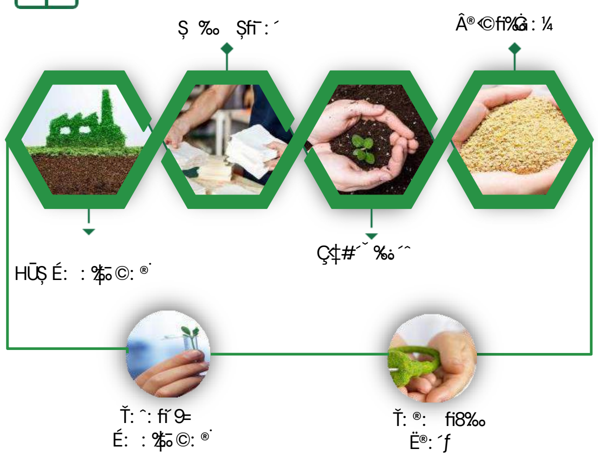
RTO NEXTGREEN GLOBAL BERHAD

First printing co listed in KLSE

Green Technology Park — NEXTGREEN PULP & PAPER

NEXTGREEN FERTILIZER

### Our Core Business




### Our Standards and Certification

*Pulp & Paper*

MyHP00559/24

SIRIM ECO-LABEL
BIODEGRADABLE
Certified to: SIRIM ECO 009 : 2019
Certification number: EL000327

ISO 14001:2015 Cert No. 763237

ISO 9001:2015 Cert No. 709323

### Our Membership and Voluntary Commitments

WE SUPPORT UN GLOBAL COMPACT

*Joined since 3 May 2021*

CERTIFIED SUSTAINABLE PALM OIL RSPO 8-0212-18-000-00

*Member since 1 November 2018*

# PRODUCTS

Certified by:

SIRIM ECO-LABEL

Certified to: SIRIM ECO 071 : 2018
Certification number: EL000247

MyHIJAU

MyHP 00243/23

EMPTY FRUIT BUNCH VIRGIN PULP

BY NEXTGREEN

ISO 9001:2015

*2017 – 2024*

**RM 160 million**
Green Investment

**6,765 MtCO$_2$eq**
Overall GHG Emissions

**212**
New Green Jobs Created

NEXTGREEN PULP & PAPER

**Pulp & Paper**

NEXTGREEN FERTILIZER

**Fertilizer**

PELADANG

**NexBooster™**
*Feed the Soil, Boost the Plant.*

**NexCompost®**
*Feed the Soil, Boost the Plant.*


PurePalm

Nextgreen Crowning Package Pulp Molding

**Pulp Moulding for Packaging**

Moulded packaging

Green Technology Park

**GTP Development**

R&D

Renewable Energy

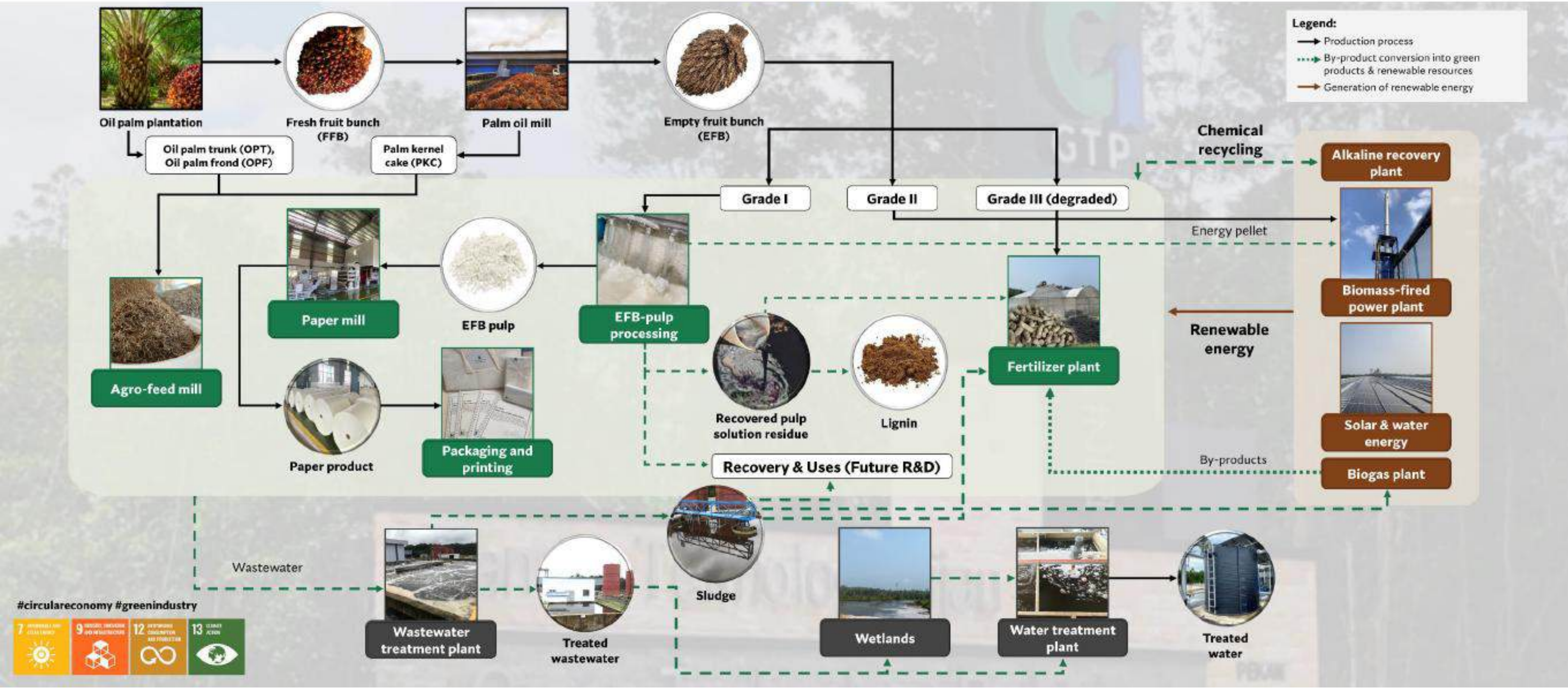
NEXTGREEN AGROFEED

**Animal Feed**

**(In R&D Phase)**

# TRANSFORMING OIL PALM BIOMASS

A closed-looped system adapting the Waste-to-Value concept.
All by-products from production are fully valorized into sustainable products and renewable energy through our patented technology.



**Puan Elina Jani**
Chief Sustainability Officer,
Nextgreen Global Berhad

**QUESTIONS :**

1. What policies or incentives—EPR, green procurement, or export promotion—would most accelerate demand for EFB-based paper?

2. What's your next scalability milestone—capacity, new product lines, or green park replication?

3. How are you ensuring consistent pulp quality given the variability of EFB feedstock?

# CROSS-PANEL DISCUSSION

**Scaling Bankable Circular Chains**

Which circular value chains are most investable for Malaysia—plastic to oil, river plastics to credits, EFB to pulp—and what conditions (feedstock, data, policy) must hold for scale?

# CROSS-PANEL DISCUSSION

**Polluter Pays & Monetization**

How can polluter-pays models, combined with verified plastic/carbon credits, make environmental services self-sustaining rather than budget-dependent?

# CROSS-PANEL DISCUSSION

**District Circularity**

How can developers and municipalities jointly adopt procurement rules that require circular materials like EFB pulp and recovered plastics?

# CROSS-PANEL
# DISCUSSION

**Cross-Border Catalysts**

How can JS-SEZ and global partnerships amplify Malaysia's circular export potential?

# CROSS-PANEL DISCUSSION

**Cross-Border Catalysts**

How can JS-SEZ and global partnerships amplify Malaysia's circular export potential?

**The future of growth is circular, where value is not extracted, but regenerated.**

**Malaysia stands at the frontier of a new economy, one that turns waste into wealth, restores ecosystems, and proves that sustainability is profitability.**