



Investments opportunities in MALAYSIA



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Content

- ❑ *Quick Facts on Malaysia*
- ❑ *MIDA – What we do*
- ❑ *Advantages of Investment Environment – why MALAYSIA?*
- ❑ *Investment Performance*
- ❑ *Investment Incentives*
- ❑ *Opportunities for Taiwanese Businesses*
 - ❑ *Investment strategy*
 - ❑ *Opportunities in high growth high value sectors*
- ❑ *Conclusion*





Malaysia

A Global Production Hub & A Trading Nation

POPULATION 2023



33.7
MILLION

GOVERNMENT

**PARLIAMENTARY
DEMOCRACY WITH
CONSTITUTIONAL
MONARCHY**

LOCATION



HEART OF SEA

PRO-BUSINESS

64 IGA

Investment Guarantee Agreement

74 DTA

Double Taxation Avoidance



GDP 2023



USD330.63
BILLION

GDP PER CAPITA

USD9,811.0
2023

GDP GROWTH

3.7%
2022-2023

PROJECTED GROWTH

4%-5%
2024 BNM

TRADING NATION

127.9%
TRADE TO GDP



FREE TRADE AGREEMENTS

16 FTA
MARKET
ACCESS
4.0 BILLION PEOPLE



GDP BY SECTOR

SERVICES

59.2%

MANUFACTURING

23.4%

AGRICULTURE

6.4%



TRADE CONNECTIVITY



7TH

SECOND IN SEA

EASE OF DOING BUSINESS



12TH

SECOND IN ASEAN

COMPETITIVENESS



27TH

SECOND IN ASEAN

GLOBAL INNOVATION INDEX

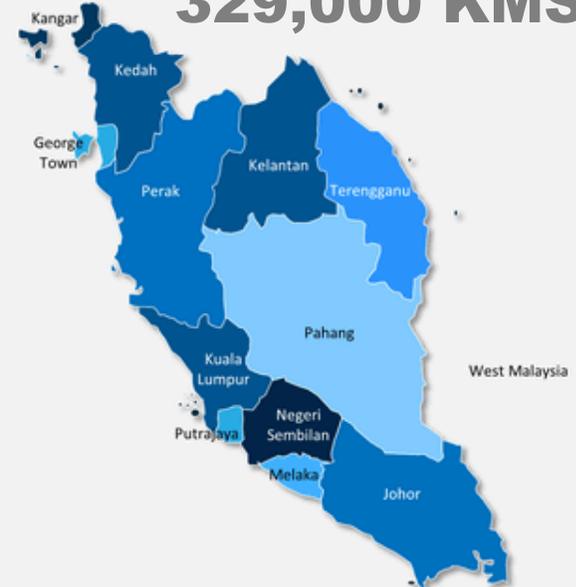


36th

SECOND IN ASEAN

SURFACE AREA

329,000 KMS





What We Do

MIDA's Roles

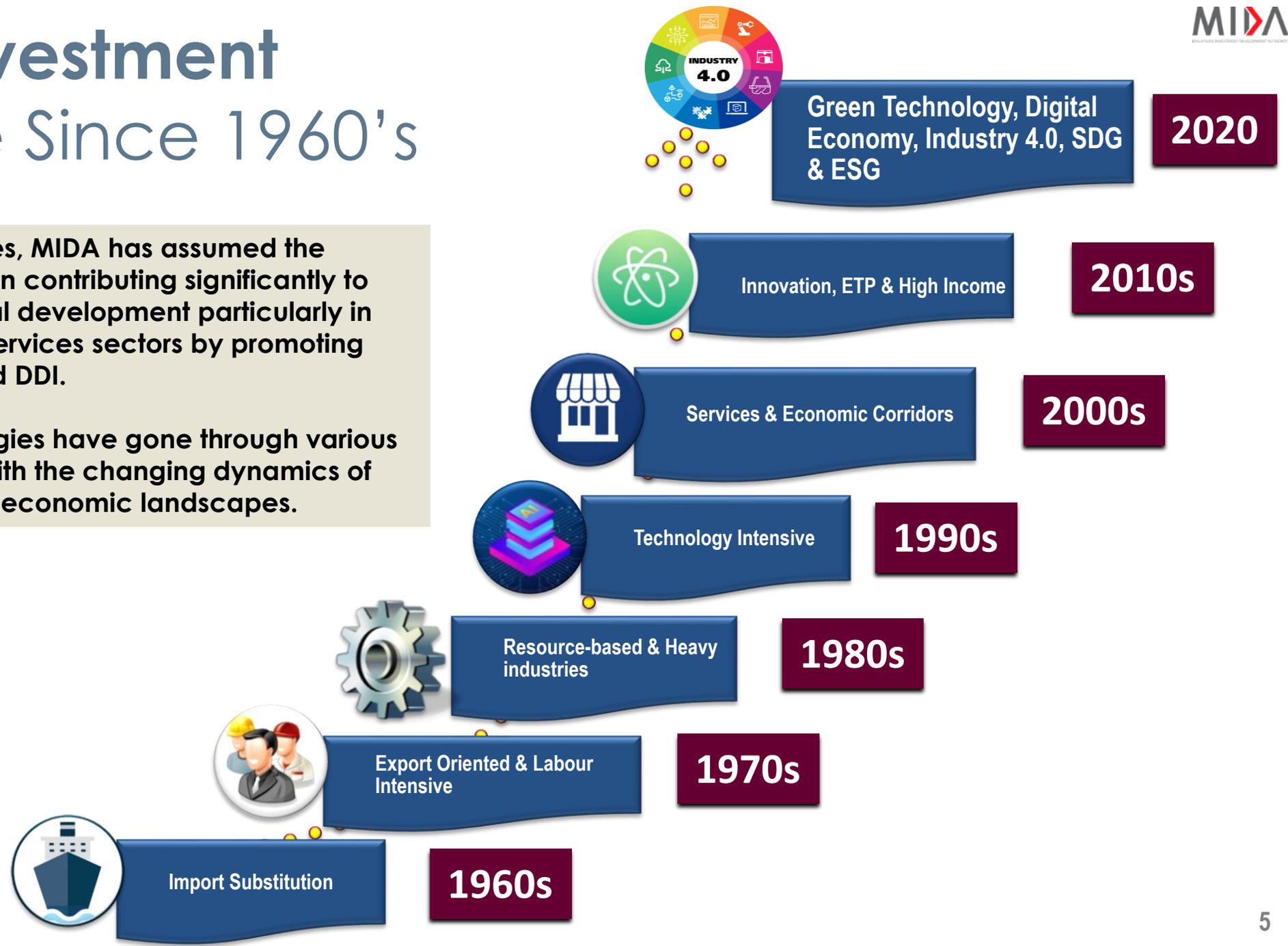
The Malaysian Investment Development Authority (MIDA) is the government's principal investment promotion agency for the development of the manufacturing and services sectors in Malaysia.

Shaping Investment Landscape Since 1960's

- Over the last five decades, MIDA has assumed the critical and pivotal roles in contributing significantly to Malaysia's rapid industrial development particularly in the manufacturing and services sectors by promoting investments, both FDI and DDI.
- MIDA's investment strategies have gone through various transformations, in-line with the changing dynamics of the global and domestic economic landscapes.



Established in 1967



Promoting FDI & DDI

1



Providing Investment Approvals

2

Manufacturing Licence (ML)



Investment Incentives



Customs Duty Exemptions On Raw Materials/Machinery & Equipment



Expatriate Posts



Monitoring Project Implementation

3



ON-TRACK

Pejabat Pelaksanaan Projek dan Fasilitasi
(Project Implementation and Facilitation Office)

Providing Business Facilitation

4



Talent Needs



Local Sourcing/
Engineering Support



Adoption of
Industry 4.0,
ESG & SDG



Funding Needs



Pre & Post
Investment Matters

MIDA-Truly International





Advantages of Investment Environment - Why MALAYSIA?

Our Unique Value Propositions

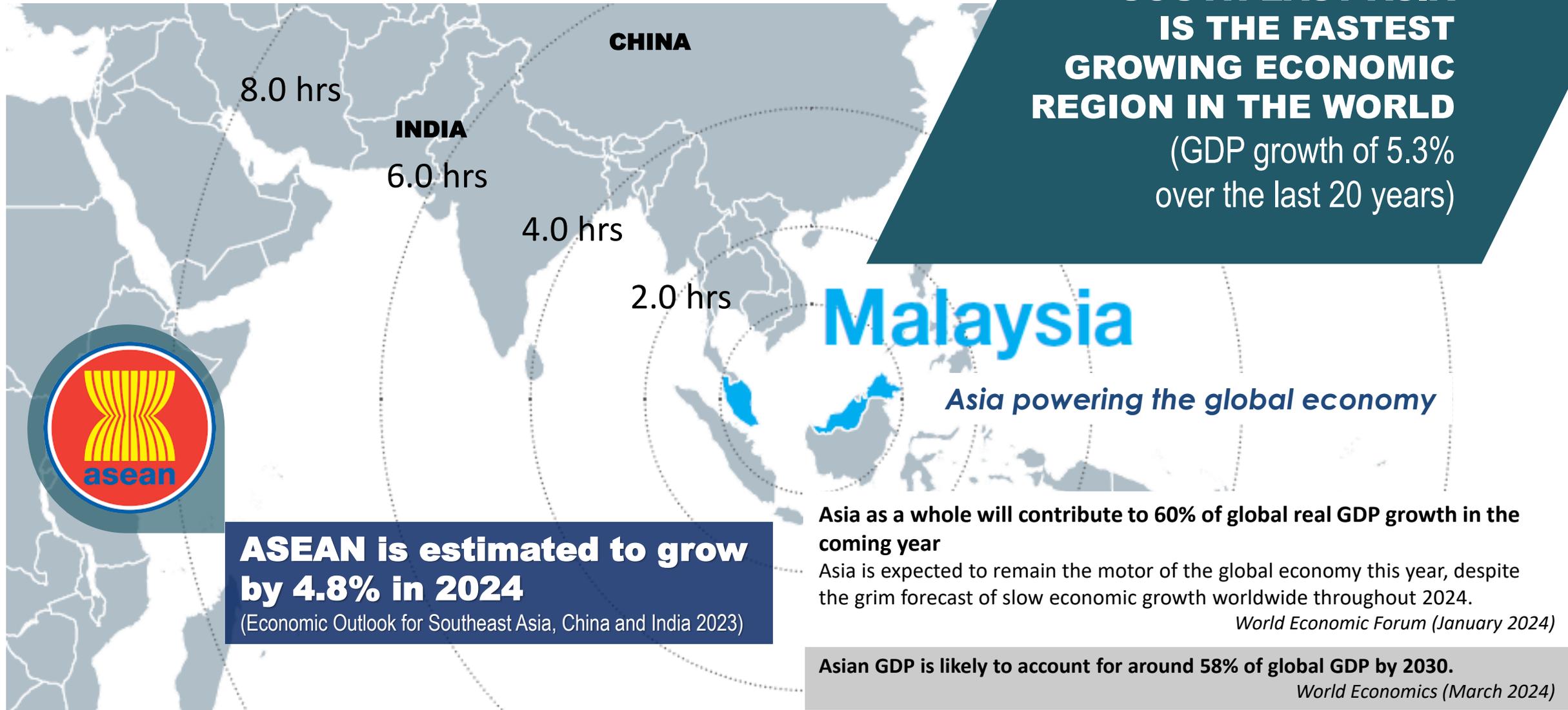
1. Strong Economic Fundamentals



	2017	2018	2019	2020	2021	2022	2023
Real GDP Growth (%)	5.8	4.7	4.3	-5.6	5.7	8.7	3.7
Inflation (%)	3.8	1.0	1.2	1.9	2.5	3.3	2.5
GDP (USD bil.)	296.2	297.1	311.1	333.0	367.4	339.4	333.2
Per Capita Income (USD)	9,813	10,564	10,809	10,553	11,399	11,950	9,886.0
Unemployment (%)	3.4	3.4	3.4	4.5	4.6	3.6	3.4
International Reserves (USD bil.)	102	101.4	104.3	107.6	116.9	114.6	113.5

Source : BNM

2. Strategic Location



3. Business Friendly Investment Policies



Equity Ownership

Foreigners are allowed to hold 100% equity ownership in the manufacturing and selected services sub sector

Repatriation of Income

Freedom to repatriate capital, interest, dividends and profits.

Employment of Expatriates

- Key posts
- Term posts

Intellectual Property (IP) Protection

Malaysia's IP laws are in conformance with international standards

- Member of the World Intellectual Property Protection Organisation (WIPO)
- Signatory of the Paris Convention and Berne Convention which govern IP rights
- Signatory of the Agreement on Trade-Related Aspects of IP Rights (TRIPS) under the WTO



Investment Guarantee Agreements (IGAs)

Malaysia has signed IGAs with more than 60 countries



4. Competitive Investment Incentives



Additional Reinvestment Allowance
(YA 2020-2024)
+ 5 Years

Reinvestment Incentives



20-25 Years

Promotion of Investments Act, 1986 (By Products)

Income Tax Act, 1967 (By Company)

Income Tax Act, 1967

Pioneer Status

Income tax exemption ranging from 70% or 100% for a period of 5 or 10 years

(PS)

Investment Tax Allowance

60% or 100% on qualifying capital expenditure incurred within 5 years

(ITA)

or

Reinvestment Allowance

60% on qualifying capital expenditure incurred for 15 consecutive years

(RA)

Customised Packaged Investment Incentives



Initial

Subsequent

5. Advanced Ecosystem

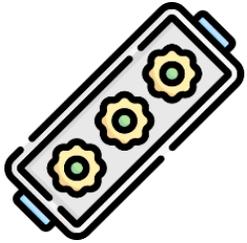
A Case In Point-Semiconductor Industry

Semiconductor

- World's six largest exporter
- Holds 7% of global market share
- Contributed 23% of US semiconductor trade in 2022
- 6 out of 12 of the largest semiconductor companies are operating in Malaysia

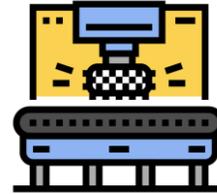


6. Strong Engineering Supporting Industry



Mould & Die

- 446 companies
- Precision specifications by international semiconductor industry requirements
- End-user industry: Automotive, E&E



Surface Engineering

- 125 companies
- 85% are foreign owned/JV
- Electroplating, Phosphating, Anodizing
- End-user industry: Semiconductor, E&E, Automotive



Metal Casting

- 95 foundries
- Mass production high-pressure and low-pressure die casting
- End-user industry: Automotive, Telecommunication



Heat Treatment

- 17 companies
- Carburizing, nitriding, vacuum handling, quenching, annealing, normalizing, tempering
- End-user industry: Automotive, Shipyard, Cement, Aluminium Extrusion



Machining

- 325 companies
- Precision up to 1 μ and size up to 2 mtr
- End-user industry: Semiconductor, E&E, Aerospace, Oil & Gas



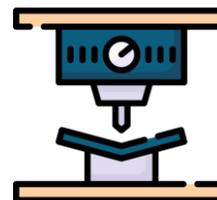
Forging

- 8 companies
- Mostly small parts (less than 10MT)
- Open, drop, press, roll and cold forging
- End-user industry: Automotive, E&E



Metal Stamping

- 148 companies
- Precision tolerances less than 1 μ , presses capacity up to 600 tons
- End-user industry: E&E, Automotive



Metal Fabrication

- 800 companies
- Simple household items to steel structure for skyscrapers and offshore oil drilling platform

7. Robust Green Tech Ecosystem

Malaysia Ranked **First Place** in Southeast Asia in the Energy Transition Index by the World Economic Forum (WEF)

- Net-zero GHG emissions by 2050
- Cutting Green House Gas (GHG) emissions by 45% by 2030 (Compared to 2005 level)
- 31% Renewable Energy generation by 2025 and 40% by 2035 (Current level is 25%)



1. Policies

- National Energy Transition Roadmap
- Low Carbon Mobility Blueprint
- Hydrogen Economy & Technology Roadmap
- New Industrial Master Plan 2030
- i-ESG
- SDG Investor Map



2. Energy Programme

- Net Energy Metering (NEM)
 - Solar PV Installation
- Green Electricity Tariff (GET)
- Corporate Green Power Programme (CGPP)
- Feed In Tariff (FiT)
 - Biogas
 - Biomass
 - Mini Hydropower
 - Geothermal
- Large Scale Solar (LSS)



3. Tax Incentives

- GITA Asset (Business Purposes)
- GITA Asset (Own Consumption)
- GITE (Solar Leasing)



4. Funds

- Green Technology Financing Scheme by MGTC
- High Tech & Green Facility by BNM
- Low Carbon Transition Facility by BNM
- Green Financing by Commercial Banks -HSBC, UOB, CIMB, Standard Chartered, Maybank, Muamalat, OCBC

8. World-Class 5G Digital Infrastructure Access

Ericsson CEO hails Malaysia's 'world-class' digital infrastructure



Malaysia's commitment to building its 5G network has given the country a world-class digital infrastructure, according to Telefonaktiebolaget LM Ericsson president and chief executive officer Börje Ekholm.

"To lead on 5G by actually building one network, that takes a lot of challenges involved in doing that, but thanks to a great decision and excellent execution by Digital Nasional Bhd (DNB), now Malaysia has actually a world-class digital infrastructure," Ekholm said in his speech at the signing of a memorandum of understanding (MOU) between DNB, Ericsson and several other parties.

The Swedish executive revealed that he experienced a fast and stable 500 megabit-per-second (Mbps) internet connection as soon as he arrived in Malaysia. "That's unbeatable compared to the rest of the world. So it's really well done by Malaysians, so now that we have this good asset, strong digital infrastructure, and what's the next step? Of course, it is to leverage this to digitalise Malaysia in new ways," he said.



9. Readiness for Frontier Technologies

Ranked High In UNCTAD Technology & Innovation Report 2023



Frontier Technologies Readiness Index

➤ Malaysia is ranked **32** among 166 countries

➤ Industry Rank:

7



10. Talented Human Capital

Multi Racial & Multi Cultural



Malaysia ranks #28
in World Talent
Ranking

Annual Graduates
130,000

	2022
Accountancy	8,014
Aerospace	402
Civil Engineering	3,119
Electrical Engineering	6,220
Mechanical Engineering	5,613
Chemical Engineering	2,667
Other Engineering	2,031

Diverse Workforce



The average Malaysian speaks at least two languages but as a nation, we are ranked 3rd in Asia according to the EF English Proficiency Index.

Local Universities in Malaysia



International Universities in Malaysia



Malaysian Talent – Made in Taiwan

10,618 Students (May 2024)

are currently studying in Taiwan in the fields of

- Electrical Engineering
- Computer Science
- Information Engineering
- Chemical Engineering
- Medical Laboratory & Biotechnology
- Mechatronics Engineering
- Physics
- Medicine
- Nutritional Science
- Food Science
- Animal Science
- Applied Psychology
- Occupational Therapy
- Analytical Chemistry
- Business Administration
- Mass Communications
- Digital Media Design
- Fashion Styling Design
- Communication Arts
- Theatre Arts



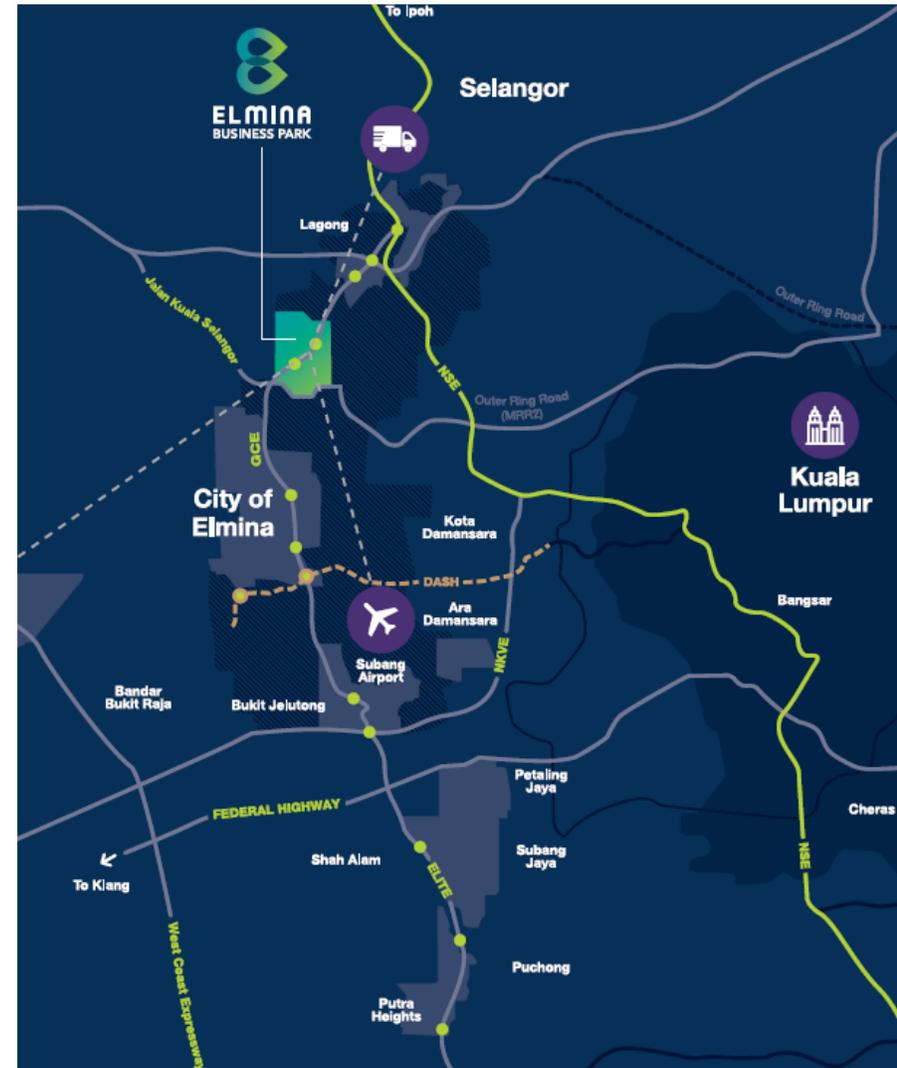
11. Well established Industrial Parks



1

SIME DARBY PROPERTY- ELMINA BUSINESS PARK

DEVELOPER	Sime Darby Property Berhad
REGION AND LOCATION	Elmina Business Park, Shah Alam, Selangor
SIZE	1500 Acres
TENURE	Freehold
INDUSTRY SUITABILITY	Light, Medium Sized
INFRASTRUCTURE	Electricity, Water, Gas, High Speed Broadband,
FEATURES	Wide access roads, Centrally located, wellness centric with eco friendly features, Gas utility,
ACCESSIBILITY	Airport – 19 Km (Subang) 60 Km (KLIA), Seaport – 40 km
INITIATIVES/ ENGAGEMENT WITH MIDA	A meeting was held between MIDA and Sime Darby Property Berhad on 24 January 2022 and 28 October 2022.

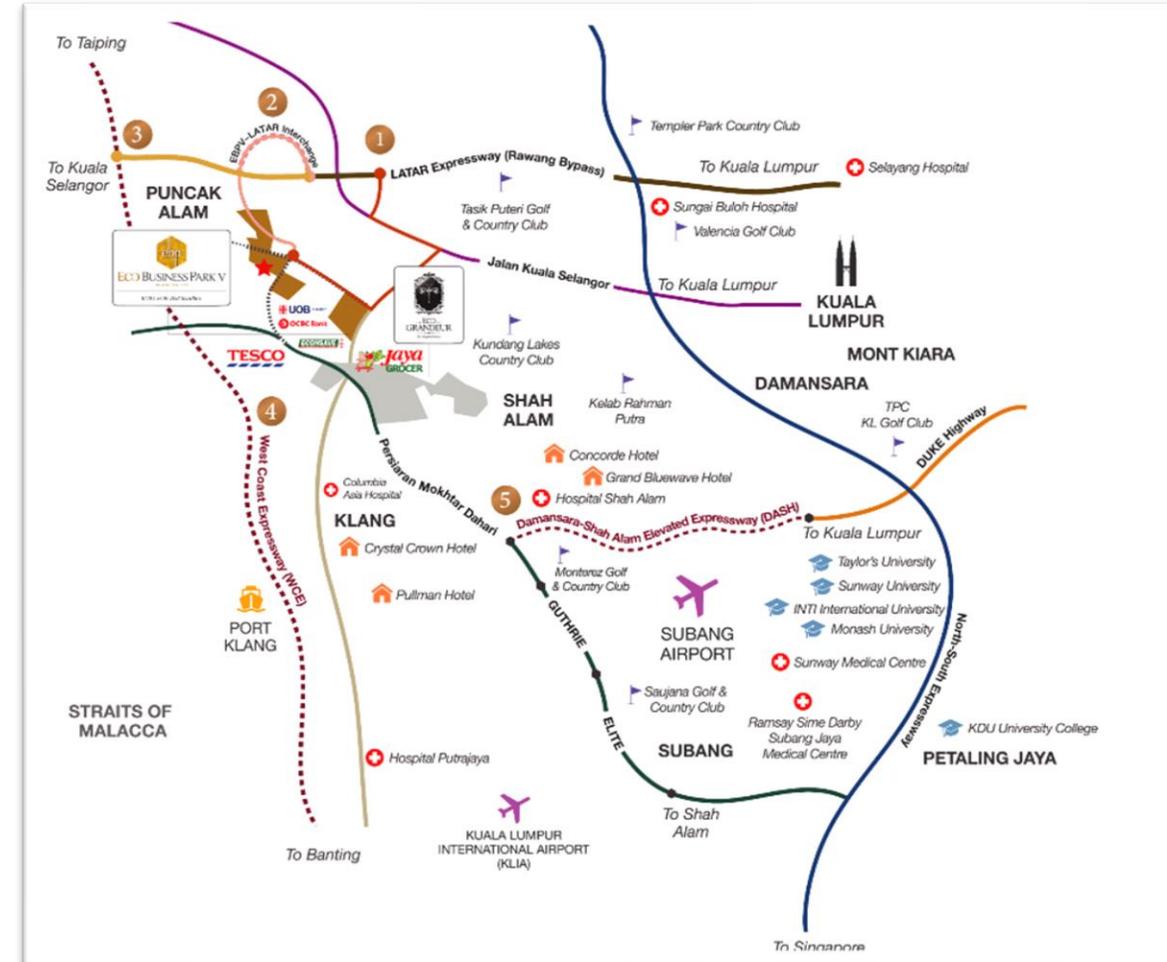




2

ECO WORLD - BUSINESS PARK I,II,III,V

DEVELOPER	Eco World Development Group Berhad (EcoWorld)
REGION AND LOCATION	I - Iskandar Malaysia, Johor II - Iskandar Malaysia, Johor III - Pasir Gudang, Johor V - Eco Grandeur, Puncak Alam
SIZE	I – 15 acres II – 383 acre III – 248 acres V – 518 acres
TENURE	Freehold
INDUSTRY SUITABILITY	Light, Medium Sized
INFRASTRUCTURE	Electricity, Water, Gas, High Speed Broadband,
FEATURES	workers dormitory, gated and guarded area, CCTV, One stop business solution.
ACCESSIBILITY	Airport – 27 Km (Subang) 67 Km (KLIA), Seaport – 35 km
INITIATIVES/ ENGAGEMENT WITH MIDA	Meeting with EcoWorld has been made on 2 November 2022 with visit to Ecoworld Business Park II in Johor.





3

IDEAL PROPERTY GROUP- PENANG TECHNOLOGY PARK

DEVELOPER	Lestari Duta Sdn Bhd, a subsidiary of Ideal Property Group
REGION AND LOCATION	Bertam, Pulau Pinang
SIZE	885 Acres
TENURE	Built-to-lease/ Built-to-suit lease
INDUSTRY SUITABILITY	Light, Medium Sized
INFRASTRUCTURE	Electricity, Water, Gas, High Speed Internet,
FEATURES	Amenities i.e Hypermarket, eateries, commercial centre, recreational, Golf course, Sports Complex
ACCESSIBILITY	Airport – 42 Km (Penang International Airport), Seaport – 23 km
INITIATIVES/ ENGAGEMENT WITH MIDA	A MOU was signed between MIDA and Lestari Duta Sdn Bhd on 14 June 2022





Artist's Impression



Artist's Impression

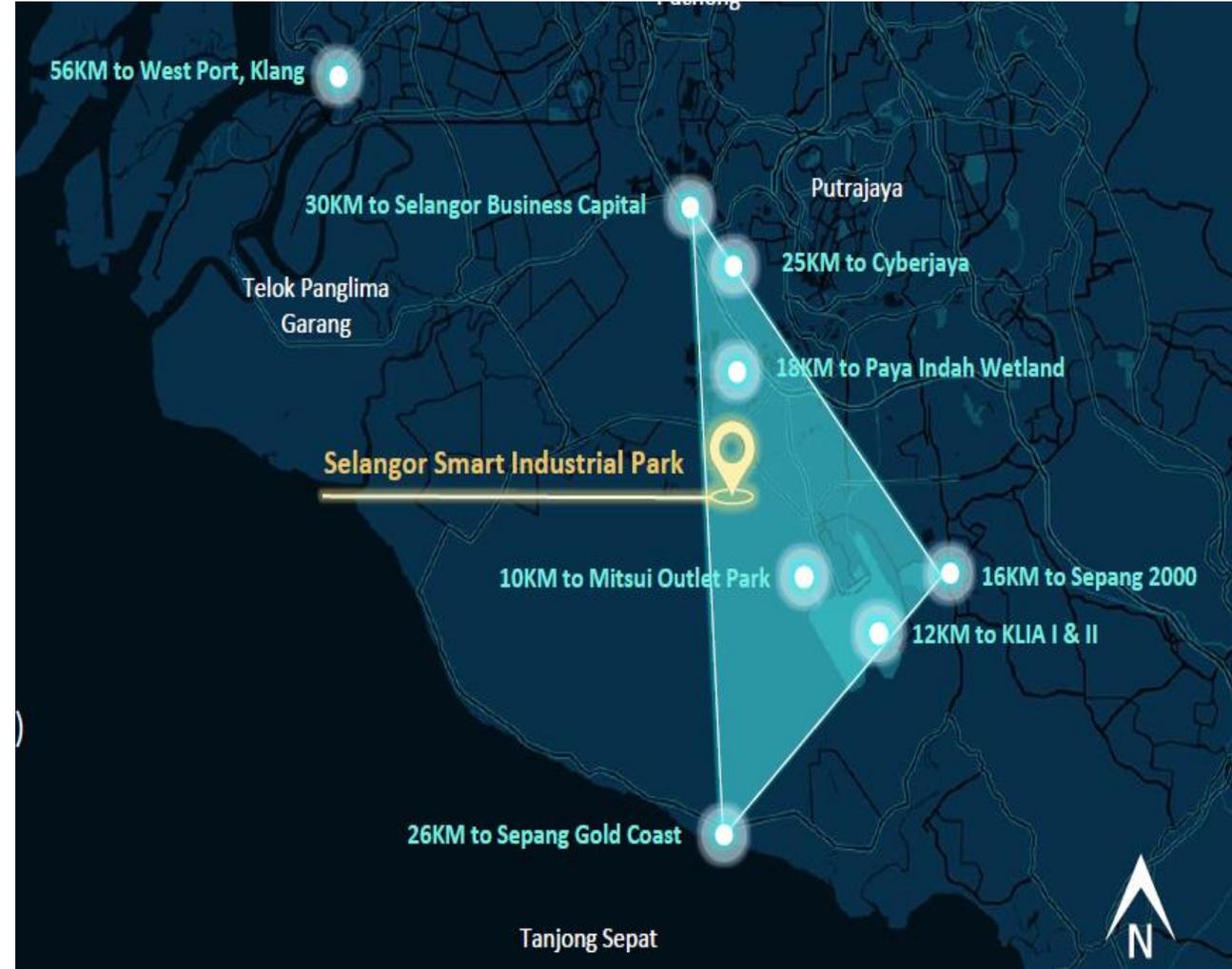


4

NCT GROUP - SELANGOR SMART INDUSTRIAL PARK



DEVELOPER	NCT GROUP
REGION	Selangor Golden Triangle (SGT)
SIZE	1500 Acres
TENURE	Freehold
INDUSTRY SUITABILITY	Light, Medium Sized
INFRASTRUCTURE	Electricity, Water, Gas, High Speed Broadband,
FEATURES	MIP certified 1 st Managed Industrial Park, workers dormitory for 30,000 workers, IR4.0 technology ready, resort style facilities
ACCESSIBILITY	Airport – 12 Km (KLIA), Seaport – 56 km
INITIATIVES/ ENGAGEMENT WITH MIDA	Meeting between MIDA and NCT Group on 21 July 2022 for introduction of the Industrial Park.



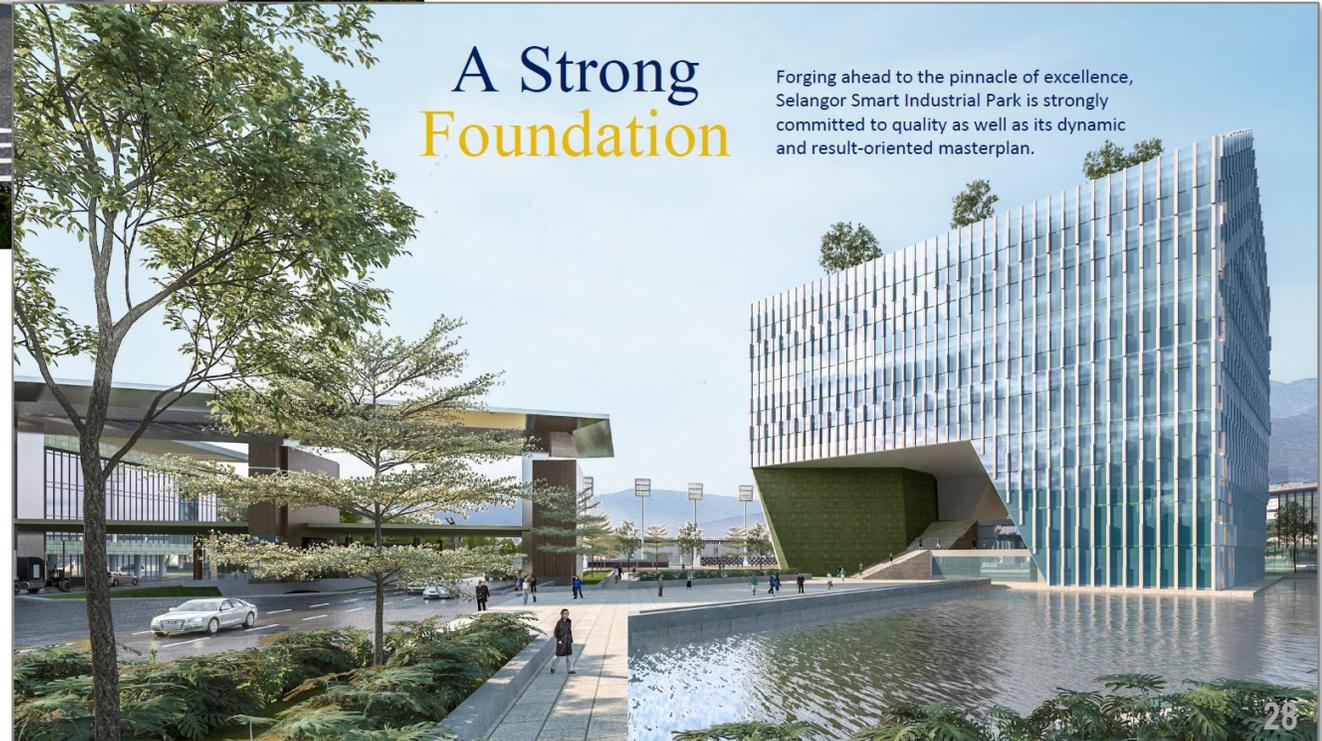
Gated & Guarded

A significant factor that makes Selangor Smart Industrial Park the best choice for your business is the unrivalled security that always keeps your business safe and secure.



A Strong Foundation

Forging ahead to the pinnacle of excellence, Selangor Smart Industrial Park is strongly committed to quality as well as its dynamic and result-oriented masterplan.



5

NS MALAYSIA VISION VALLEY 2.0



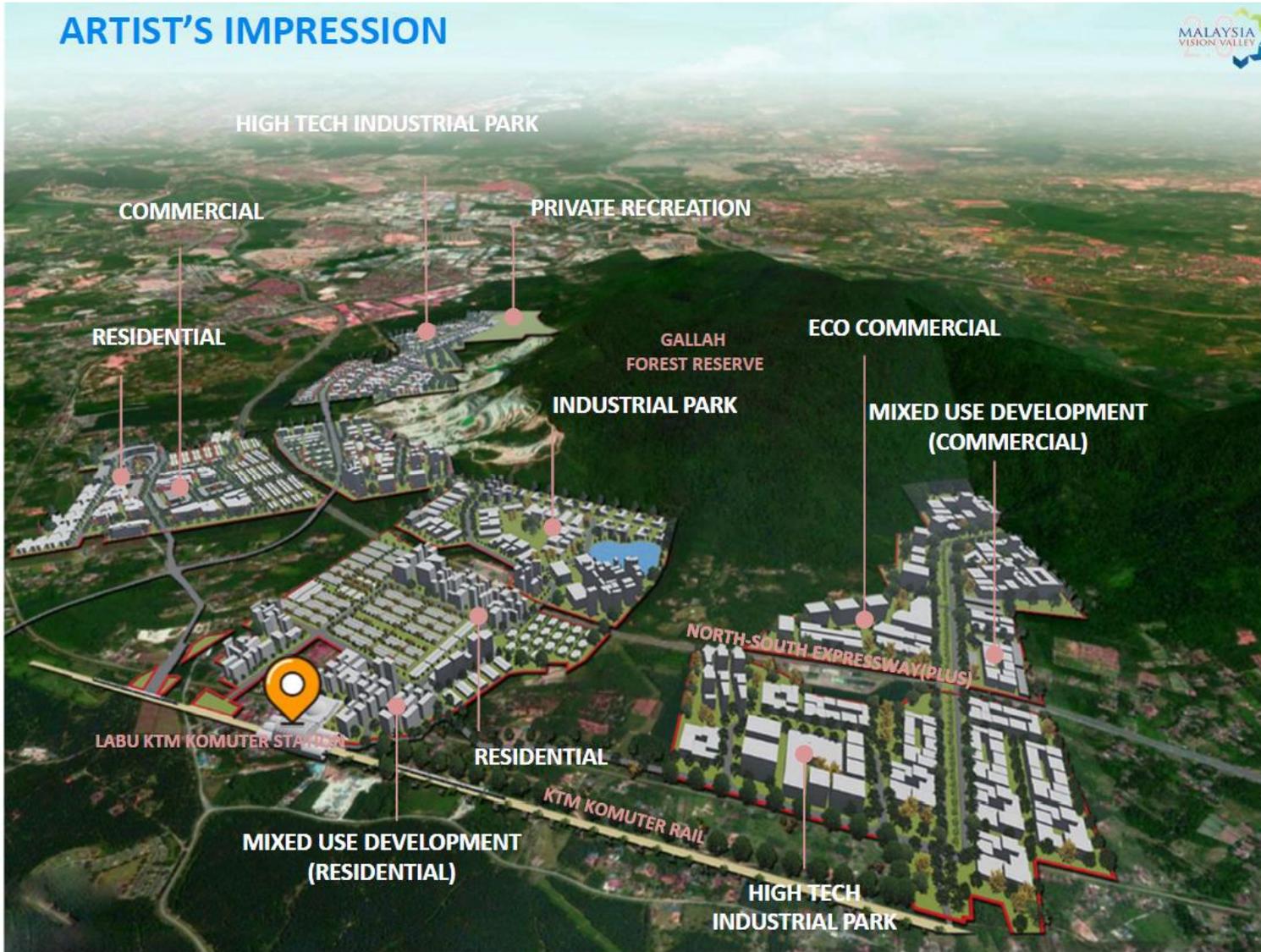
NS CORPORATION



DEVELOPER	NS Corporation
REGION AND LOCATION	Seremban, Port Dickson, Negeri Sembilan *NS Corporation is the owner of the master blueprint of Malaysian Vision Valley 2.0 (MVV2.0).
SIZE	33,227 acres
TENURE	Freehold
INDUSTRY SUITABILITY	Medium, Heavy, High Technology, Aerospace, Oil and Gas
INFRASTRUCTURE	Managed Industrial Park, Electricity, Water, Gas, Fibre, Optic Internet,
FEATURES	Easy connectivity to road, rail, air and sea
ACCESSIBILITY	Airport – 15 Km (KLIA), Seaport – 60 km
INITIATIVES/ ENGAGEMENT WITH MIDA	A meeting was held between MIDA and NS Corporation on 12 September 2022.



ARTIST'S IMPRESSION





UMW HIGH VALUE MANUFACTURING PARK



DEVELOPER	UMW Development Sdn Bhd
REGION AND LOCATION	Serendah, Selangor
SIZE	861 Acres
TENURE	Leasehold
INDUSTRY SUITABILITY	Medium, Heavy
INFRASTRUCTURE	Electricity, Water, Gas, Fibre Optic Internet,
FEATURES	IR4.0 Ready, environment friendly, energy efficient solutions
ACCESSIBILITY	Airport – 85 Km (KLIA), Seaport – 65 km
INITIATIVES/ ENGAGEMENT WITH MIDA	A meeting was held between MIDA and UMW on 8 March 2022







TPM- TECHNOLOGY PARK MALAYSIA



DEVELOPER	TPM Technopark Sdn Bhd, a company under Johor Corporation(Jcorp)
REGION AND LOCATION	Johor 1. Pengerang Industrial Park, Pasir Gudang 2. Sedenak Tech Valley, Iskandar Malaysia 3. Tg. Langsat Industrial Complex,Pasir Gudang
SIZE	1. 790 acres 2. 745 acres 3. 4,835 acres
TENURE	Leasehold
INDUSTRY SUITABILITY	1. Medium, Heavy, oil and gas 2. Data Centres, High technology 3. Light, Medium, Heavy
INFRASTRUCTURE	Electricity, Water, Gas, Fibre Optic Internet, drainage
FEATURES	1. Integrated Industrial Park and having accessibility to PETRONAS PIC and DIALOG Pengerang deepwater terminal 2. Autonomous logistic system, smart energy use,smart grid and smart homes, 3. Integrated industrial park with
ACCESSIBILITY	1. 108km (airport), 76km (seaport) 2. 36km (airport), 77km(seaport) 3. A55km (airport), Tanjung Pelepas port – 70km, Johor Port, 16km
INITIATIVES/ ENGAGEMENT WITH MIDA	1. A meeting was held between MIDA and TPM on 3 February 2022 2. A visit to TPM’s Pengerang Industrial Park, Tg Langsat Industrial Complex and Sedenak Tech Valley has been conducted on 3 November 2022



KIDEX BUSINESS & INVESTMENT CENTRE

1 GLOBAL DATA CENTER INVESTOR PROJECT BLUE



2 GLOBAL DATA CENTRE INVESTOR PROJECT MY 06



6 SEWERAGE TREATMENT PLANT



5 ELEVATED WATER TANK



4 TRANSMISSION MAIN INTAKE



3 ROAD



12. Gateway to ASEAN and Beyond

16 Free Trade Agreements

4.0 Billion Population



ASEAN

- 3rd largest market in the world with 622 million people (behind only China and India)
- Already zero tariffs for 99% of products
- Attracts 11% of global FDI

Regional Comprehensive Economic Partnership (RCEP)

New MEGA FTA

10 ASEAN member countries



5 ASEAN FTA Partner countries

China, South Korea, Japan, Australia & New Zealand

- World's largest Free Trade Agreement
- Covering 15 countries with 2.2 billion or a third (29.7%) of the world's population
- Represents US\$24.8 billion or a third (28.9%) of the world's GDP (2018)

THE RCEP CONSISTS

- 1 Elimination or reduction of import duties
- 2 Promotion, facilitation, protection and investment liberalisation
- 3 Protection of intellectual property rights, facilitation in e-commerce
- 4 Economic and technical cooperation



Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP)

Additional new markets of Canada, Mexico, Peru and Chile with combined market of 217 million population.

- All Malaysian exports to Australia and Singapore can enter without any duties.
- High duties on key Malaysian exports to Canada and Mexico, which range from 15% to 30%, has been eliminated.
- In 2024 and 2029, all Malaysian products exported to New Zealand and Canada, respectively, will enter duty-free.
- By 2033, almost 100% of Malaysian exports to all CPTPP countries will be duty-free.



CPTPP

COMPREHENSIVE AND PROGRESSIVE AGREEMENT FOR TRANS-PACIFIC PARTNERSHIP

WHO'S IN IT?

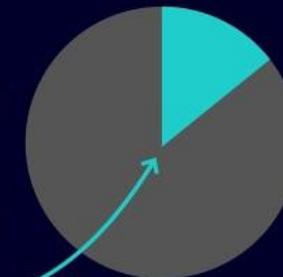
- 1) Japan
- 2) Vietnam
- 3) Singapore
- 4) Australia
- 5) New Zealand
- 6) Canada
- 7) Mexico
- 8) Malaysia
- 9) Peru

WHO'S YET TO RATIFY IT ?

- 1) Brunei
- 2) Chile

HOW BIG IS IT?

These 11 countries have a combined GDP of **US\$ 13.9 TRILLION**, making up **14%** of the global economy.



Provides access to around

500 MILLION PEOPLE



13. International Standing

1st 

Top Country in Emerging Southeast Asia for Foreign Investment

Global Opportunity Index
Bloomberg 2022

1st  MILKEN INSTITUTE

The country with the best overall investment condition among Asia's emerging and developing (E&D) nations

2024 Milken Institute
Global Opportunity Index

2nd  WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION

Most Innovative Upper Middle-income Economy In the World

Global Innovation Index 2023,
World Intellectual Property Organisation (WIPO)

2nd  **IMD**

Most Competitive Country in ASEAN

World Competitiveness
Yearbook 2023, IMD

9th 

Top City in Asia-Pacific Region (Kuala Lumpur)

Global Technology Industry
Survey 2021, KPMG

32nd  UNITED NATIONS UNCTAD

Frontier Technologies Readiness Index

Among 166 countries and
5th in Asia
Industry Rank: 7 in the world

UNCTAD Technology and
Innovation

26th 

Global Trade Connectivity

DHL Global
Connectedness Index
2024

27nd  **IMD**

Most Competitive Country in the World

World Competitiveness
Yearbook 2023, IMD

14. Others

World Class Infrastructures



Extensive Land Connectivity

Malaysia's land mass is connected via 3 major expressways spanning a road network of 250K KM

International Airports



6 international and 16 domestic airports handling over 100m+ passengers
As of to-date, in total there are 6 airlines operating nonstop flights from Kuala Lumpur KUL to Taipei TPE.



CHINA AIRLINES

EVA AIR



AirAsia

Batik air



Global Sea Connections

7 globally recognize ports with an efficient network handling 90% of Malaysian trade

Vibrant and Diverse Lifestyle

Affordable living

Malaysia's capital city is among the cheapest cities to live in for expatriates. The ranking, which is in its third year, places Kuala Lumpur in the 181st spot among 227 cities surveyed.



Quality Healthcare

Malaysia, with a score of 95 out of 100, ranked first in the Best Healthcare in the World category of the 2019 International Living Annual Global Retirement Index.



Vibrant Arts and Culture

Outstanding arts and culture scene drawing off multicultural influences



World Class Cuisine

Enviably world class cuisine and recognized global culinary hub.



Stunning Natural Access

Stunning natural access in one of the world's mega diverse ecosystems.



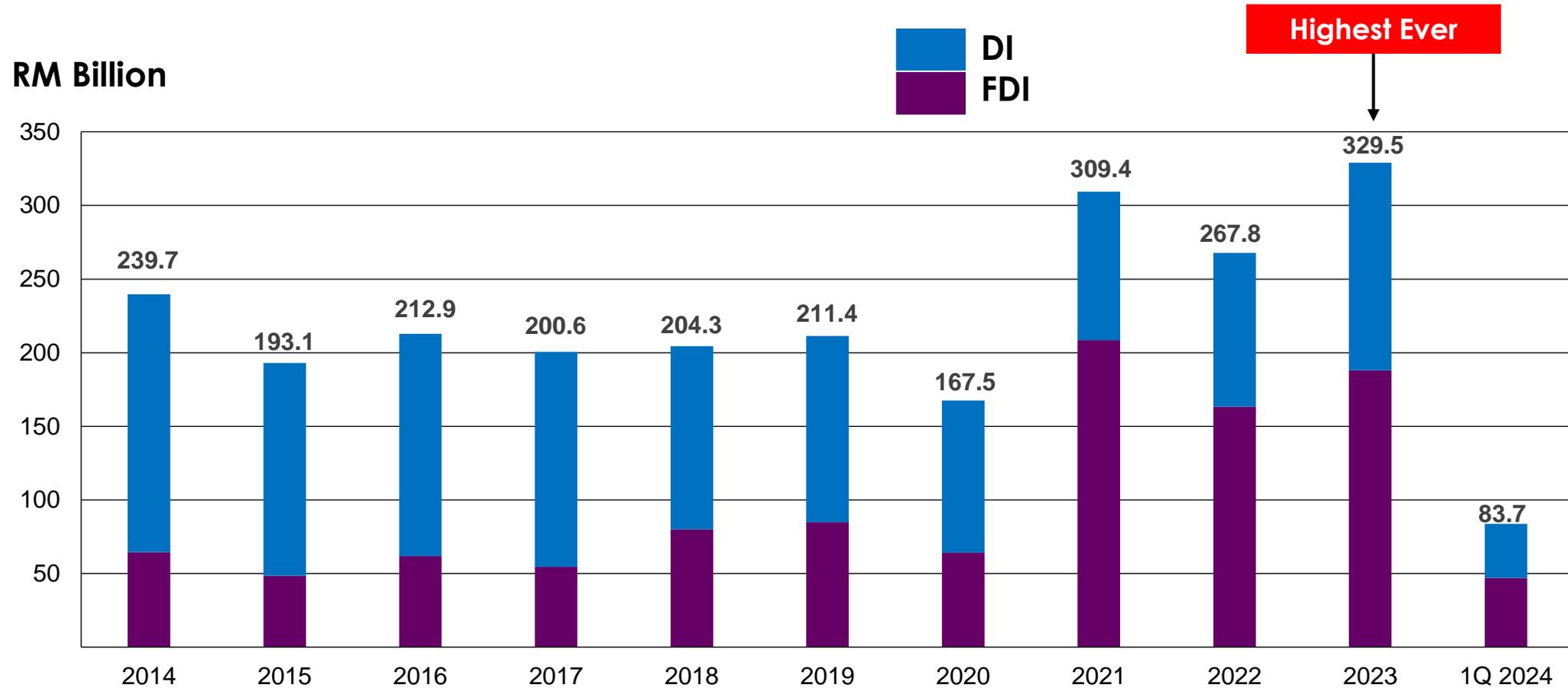
delivered solid results in a challenging market

Investment Performance



Approved Private Investments

In Various Economic Sectors, 2014-1Q2024

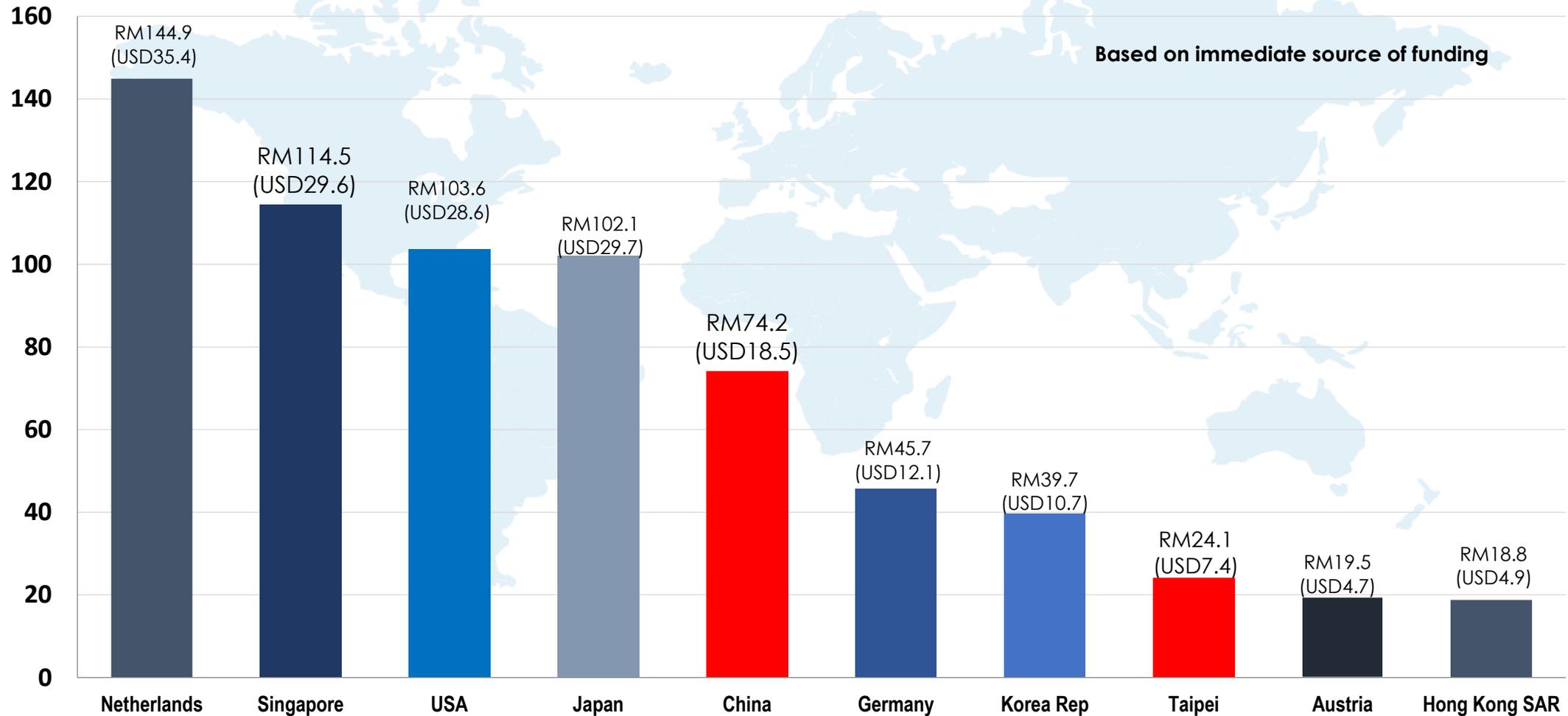


* Private Investments consist of Manufacturing, Services and Primary sectors.

Malaysia's Top Investor Sources

Realised Investments in the Manufacturing Sector

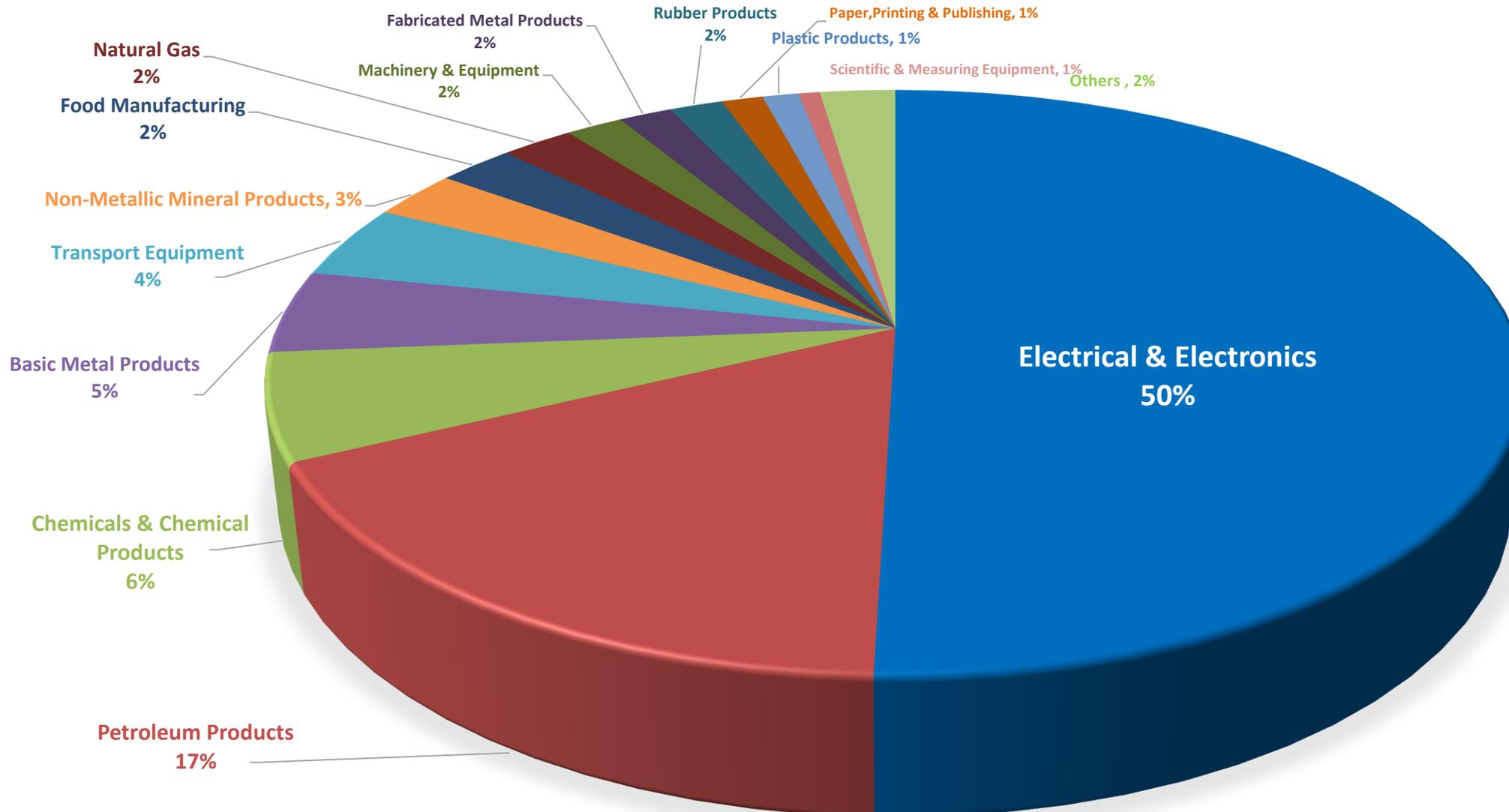
RM Billion



Source: MIDA

Malaysia's Diverse Industry Landscape

Implemented Investments in the Manufacturing Sector by Industries



Top 5 Major Products

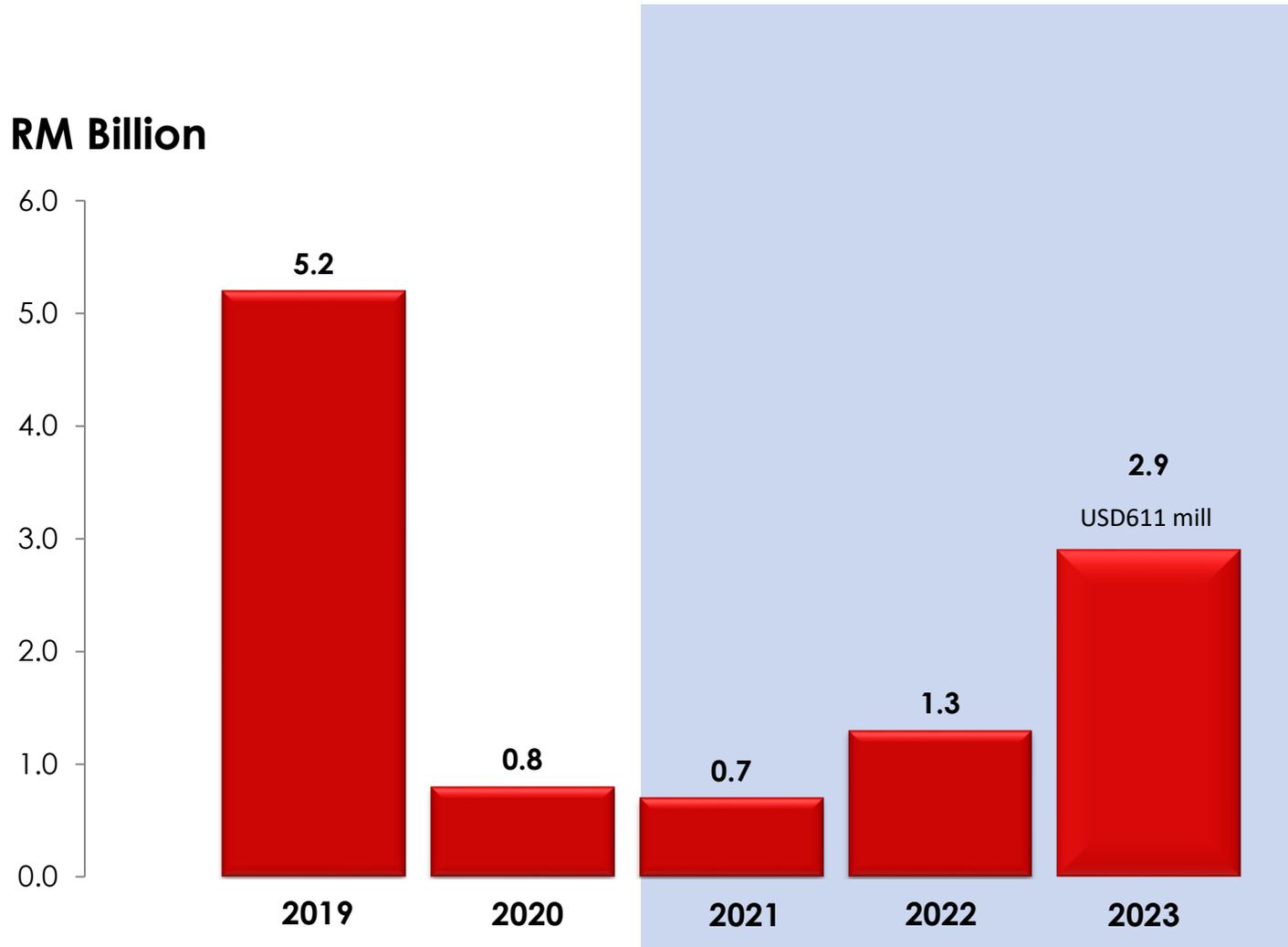
- **E&E (50%)**
USD 290.0 bil
- **Petroleum (17%)**
USD 99.6 bil
- **Chemicals & Chemical Products**
USD 34.0 bil
- **Basic Metal Products**
USD 26.3 bil
- **Transport Equipment**
USD 23.4 bil

Prominent Foreign Manufacturing Companies



Over 5,000 companies from more than 50 countries

Approved Investments from Taipei (2019-2023)



Source: MIDA



ABLECOM
Ablecom Technology Inc.



Major Taipei Companies Operating in Malaysia

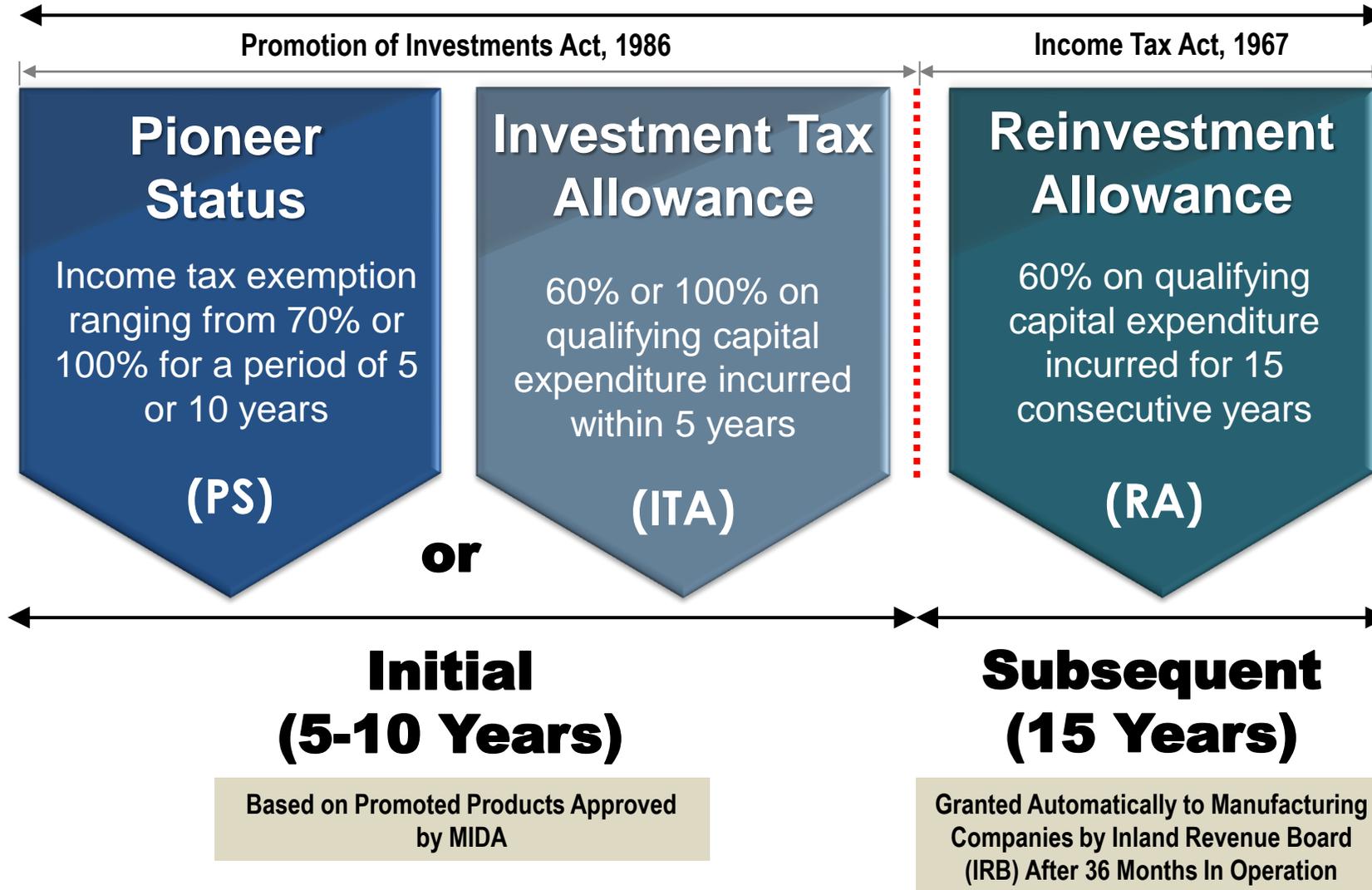




Investment Incentives

Competitive Investment Incentives

20-25 Years



Income Tax Act, 1967

Customised
Packaged
Investment
Incentives



Special Tax Incentives



Incentives to encourage foreign companies to relocate and to undertake new investment into Malaysia

Eligible Capital Expenditure (USD)	New Company			Existing Company		
	Incentive	Rate	Duration	Incentive	Rate	Duration
64 million – 106 million	Special Tax Rate	0%	10 years	Investment Tax Allowance (ITA)	100%	5 years
106 million and above	Special Tax Rate	0%	15 years			

New Company:

- Do not have existing operation in Malaysia.
- Company **relocating facility** for **eligible activities** from any country to Malaysia; or
- Company **establishing new operation** in Malaysia;

Existing Company:

Foreign or locally owned company that has **existing operation** in Malaysia and relocate **its operation from outside Malaysia for new business segment**. The products from the new business segment are **not an expansion project of existing products**.

Effective Date of Application: 1 July 2020 to 31 December 2024



Opportunities for Taiwanese Businesses

Investment Strategy

*Country Focus and Industry Focus
to Seize the Window of Investment Opportunity*

Country Focus Strategy

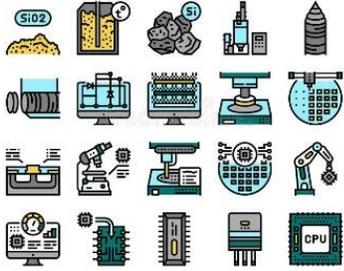


Taiwan

- **Taipei's New Southbound Policy** - Taiwan Government is encouraging Taiwanese companies to adopt Taiwan + 1 industrial policy.
- **Malaysia continues to attract high value investments from Taiwan.**
- **Existing Collaboration**: Investment Working Group (IWG) under the Malaysia-Taiwan Economic Cooperation Council (MTECC).

Industry Focus

01



Semiconductor

- Attract RM500 billion investments
- Establish at least 10 Malaysian companies in design and advanced packaging with revenues between RM1 billion and RM4.7 billion
- 100 semiconductor-related local companies with revenues approaching RM1 billion
- Train and upskill 60,000 engineers
- Allocate RM25 billion in fiscal support

IC Design

Wafer Fabrication

02



Green Technology

- Net-zero GHG emissions by 2050
- Cutting Green House Gas (GHG) emissions by 45% by 2030
- 70% Renewable Energy generation by 2050 (Current level is 25%, 31% by 2025 and 40% by 2035)

- Green Products and Storage
- Electric Vehicles • Waste Management (Integrated Waste Recycling)
- Green Energy (Renewable Energy & Energy Efficiency) • Green Building
- Decarbonisation • Green Certification
- Carbon Capture

03



Electric Vehicles

- Vehicle sales target of xEV by 2040:
 - EV at 38% of TIV
 - Bus 20% of active permit (10,000 unit)
 - Motorcycle at 15% of TIV
- 10,000 units of charging facility by 2025

Automaker (EV)

Passenger Car, 2 Wheelers, Commercial Vehicles
 EV Main Component: On board charger module, ECU/ IPU, EV Chassis, Electric motor, Charging Port, Power Inverter etc.

04



Digital Economy

- To achieve RM130 billion investment target by 2025 for digital-related investments in line with MyDIGITAL strategies

Tech Enablers

Robotic, Internet of Things (IoT), Artificial Intelligence, Cloud Computing, Additive Manufacturing, Big Data etc.

Digital Infrastructure

Data Centre, Submarine Cable, Dark Fibre, Broadband and 5G.



Opportunities in High Growth High Value Sectors

Manufacturing Sector (Cont'd)

TRANSPORTATION TECHNOLOGY

Automotive

- Vehicle: Electrification and NxGV
- Critical Components of EV and NxGv
- Mobility Services and Supporting Technology
- Large forging and casting

Aerospace

- Components and parts
(eg: engine, cabin interiors)
- Base for light aircraft and corporate planes
(eg: business aviation, seaplane aircraft, Unmanned Aerial Vehicle (UAV))

BUILDING TECHNOLOGY

Industrial Building System (IBS)

Development Of High Technology Glass: Smart Glasses

LIFESTYLE

Textiles: Functional Fabric, Medical Textiles, Natural Fibres and Yarns and Eco-Friendly Textiles

CIRCULAR BIO-ECONOMY

- Biofuel & Bioplastic
- Sustainable Aviation Fuels (SAF)
- Green Hydrogen
- Micro Algae to Biofuels



FOOD TECHNOLOGY

Food Technology

- Alternative/ Artificial Meat Industry
- Ready to Eat (RTE) / Convenience Foods Industry

RESOURCE-BASED INDUSTRIES

Oil Palm Biomass

- Pulp & paper
- Animal feed
- Fertilizer
- Oil Palm Trunk: timber / wood / engineered wood

Manufacturing Sector

ELECTRICAL & ELECTRONICS

- IOT Sensors & Components
- Automotive Electronics Components
- Modernising Outsourced Assembly and Test (OSAT)

CHEMICAL AND ADVANCED MATERIAL

- Lithium-ion battery
- Hydrogenated vegetable oil (HVO)
- Green hydrogen
- Chemical and catalyst for semiconductor industry

MACHINERY AND METAL TECHNOLOGY

Semiconductor (Front End Semiconductor M&E)
Slicing and Polishing of Wafer, Photolithography, Etching, Rapid Thermal Processing, Deposition, Wafer Burn-In, Fluid and Gas Delivery

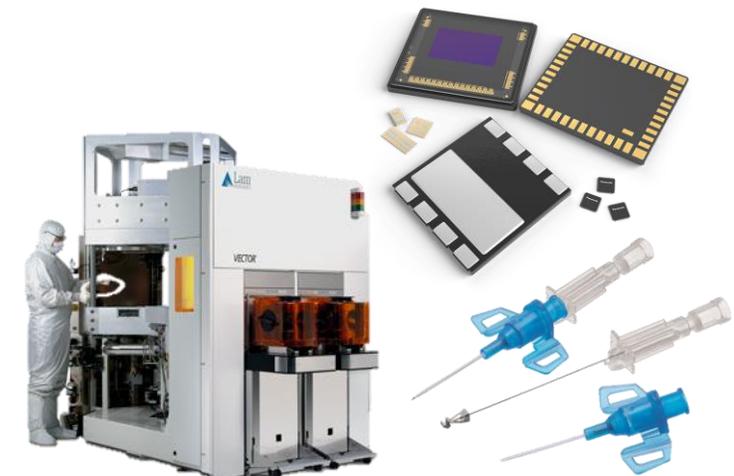
Electric Vehicle (EV): Battery Cell machinery and parts, Battery Pack machinery and parts, Materials related to the production of EV Battery, Machinery to produce other related components for EV.

Robotics: Robot Arms, Collaborative Robot (COBOT), Tools related to the production of Robotics i.e. motor, sensor, connectivity devices

Agriculture: Machinery for Poultry and Farming (encompassing crops, livestock, fisheries, fruits and vegetables).

LIFE SCIENCES AND MEDICAL TECHNOLOGY

- Vaccines
- Consumer Medications and Drugs
- Diagnostic and Point of Care
- Non-Invasive / Minimally-Invasive Solutions
- Convergence Medical Technologies



Services Sector



BUSINESS SERVICES & REGIONAL OPERATIONS

- Center of Excellences (COE) for Digital Solutions
- Digital Tech Smart Innovation Hubs
- Hyperscale Data Centres
- Digital Technology Providers

HEALTHCARE

- Digital healthcare/ Telemedicine
- Traditional and Complementary Medicine (TCM)
- Senior Living/Aged Care

HOSPITALITY

- Sport Tourism
- Glamour Camping (Glamping)
- Recreational Vehicle (RV)

OIL AND GAS

Oil & Gas (Upstream)

Exploration : Geological services, Seismic survey, Remote monitoring

Development: Well services: well intervention, pipeline services such as MRO, Remote monitoring

MARITIME

Shipbuilding and Ship Repair :

LNG fueled vessels, Dual-fuel engine, Hydrogen operated vessels, Ballast free ship design, Electric propulsion system, Digital twin

LOGISTICS

Logistic Services :

Integrated logistic, Smart warehouse including e-fulfillment, Blockchain

ADVANCED TECHNOLOGY AND RESEARCH & DEVELOPMENT

- Bioscience Technology
- Advanced Intelligent Systems
- Advanced Materials
- Blockchain
- Additive Manufacturing

GREEN TECHNOLOGY

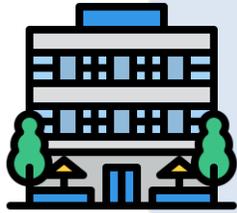
New RE Sources

- Geothermal
- Onshore and offshore wind

Energy Storage Solutions

- Battery storage
- Hydrogen solution

Malaysia as a Regional/Global Hub



Headquarter Hubs

Lead Regional /Global Operations and Control or Manage Strategic Functions from Malaysia



Procurement Hubs

Strategic Sourcing & Procurement of Raw Materials/ Components



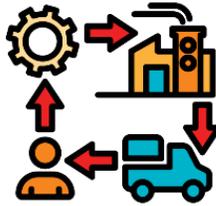
Distribution Hubs

Store & Distribute Parts & Components in the Region



Treasury Hubs

Financial & Risk Management



Supply Chain Hubs

Integrated Supply Chain Management



R&D Hubs

Design, Development & Innovation



Engineering Hubs

Specialized Technical Services & Project Oversight Management



Digital Tech & Smart Innovative Hubs

Remote Management of Regional / Global Operations



Center of Excellence

Center for Technology, Research & Training



ICT Services

Creative & Interactive Media Services / Software Development



Digital Investment



TECHNOLOGY/SERVICES



ROBOTIC



CYBERSECURITY



AUGMENTED REALITY



ARTIFICIAL INTELLIGENCE (AI)



ADDITIVE MANUFACTURING



BIG DATA ANALYTICS



HORIZONTAL & VERTICAL INTEGRATION



CLOUD COMPUTING



INTERNET OF THINGS



DIGITAL INFRASTRUCTURE

Act as a backbone of national digital transformation



DATA CENTRE



SUBMARINE CABLE



DARK FIBRE



BROADBAND



5G



AI Data Centres – The Future

Nvidia CEO says AI data centres could be new manufacturing sector for Malaysia

By Liew Jia Teng / theedgemalaysia.com

08 Dec 2023, 02:18 pm



YTL Power set to deploy and manage Nvidia's AI supercomputer in Johor

By Surin Murugiah / theedgemalaysia.com

19 Mar 2024, 08:50 am



Microsoft announces US\$2.2 billion investment in Malaysia



Conclusion

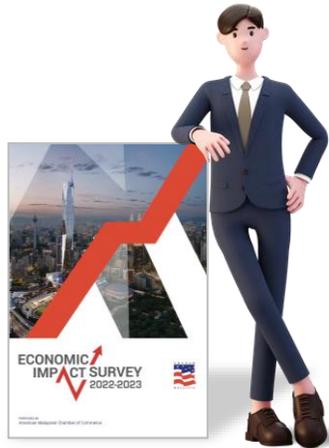
Positive Business Sentiments by Existing Investors



American Malaysian
Chamber of Commerce



US is the largest investor in the manufacturing sector in Malaysia based on ultimate source of fund



AMCHAM HIGHLIGHTS IMPACT OF U.S. COMMITMENTS TO MALAYSIA'S ECONOMIC GROWTH

The American Malaysian Chamber of Commerce (AMCHAM) released the results of its biennial **Economic Impact Survey (EIS)**, which reaffirms the significant impact U.S. companies have on the Malaysian economy.



HIGH SALARIES AND SOCIAL SECURITY CONTRIBUTION

The 81 member companies that responded reported employing 148,778 individuals, of which 89% are Malaysians, and paying USD2.5 billion in salaries. In addition to these salaries, AMCHAM members contributed to the future and security of their employees, paying USD276 million towards the country's EPF and SOCSO.



INCREASED REVENUE AND FUTURE GROWTH

Around 57% have experienced increased revenue, and 63% anticipate growth in the coming year.



DEEPLY INTEGRATED WITH LOCAL SOURCING

Manufacturers report a host of local suppliers supporting their operations in Malaysia, with 7291 relationships in contracts over USD21,000, valued at USD4.9 billion.



MALAYSIA AS A REGIONAL HUB

The EIS shows Malaysia as an important hub for manufacturing, with 57% of manufacturing members being operationally linked to other ASEAN nations. Singapore, Thailand, and the Philippines see the most activity.



DEEPENING OF R&D ACTIVITIES

29% of manufacturers have this function within their local footprint and have invested over USD404 million. Collectively, they account for four global, seven regional R&D centers, and 18 design centers.



HIGH DIGITALISATION

Most companies have digitised around 70% of their business activities, with 15 completely digital. 54 out of 81 companies plan to incorporate AI within the next three years, indicating a positive trend toward digitalization in Malaysia.

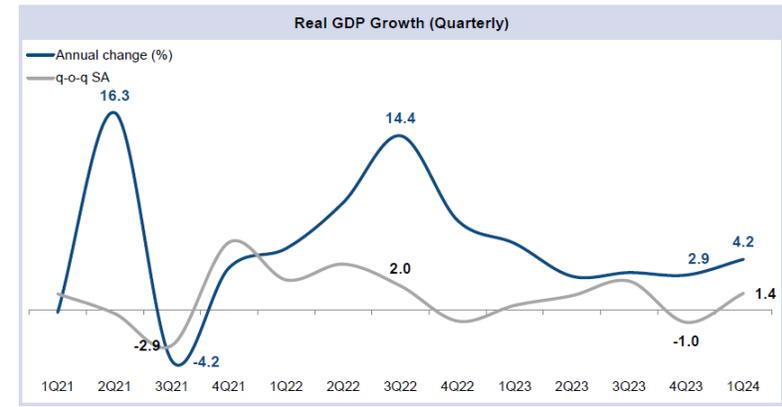
Outlook for Malaysia is Promising

Malaysian economy is projected to expand by 4%-5% in 2024



BANK NEGARA MALAYSIA
CENTRAL BANK OF MALAYSIA

Malaysia's GDP registered a higher growth of 4.2% in 1Q 2024



- Factors Supporting Growth in 1Q 2024**
- Higher household spending
 - Turnaround in goods exports and higher tourist arrivals
 - Improvement in labour market conditions
 - Stronger investment activities**
 - Lower agriculture production amid hot weather conditions
- Factor weighing on growth*

Monthly Real GDP Growth (Annual change, %)

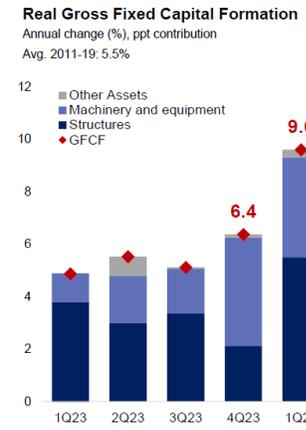
Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
3.4	3.1	2.3	4.8	5.0	2.9

Source: Department of Statistics, Malaysia



Implementation of new and existing projects supported investment activities

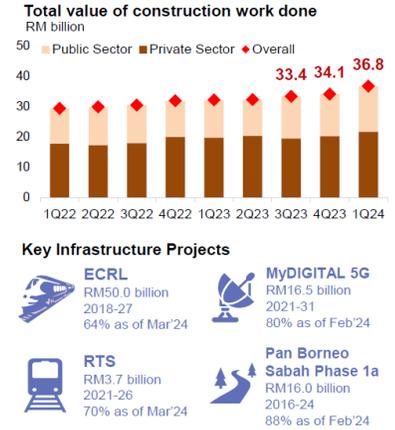
Stronger growth in capital expenditure



Source: Department of Statistics, Malaysia

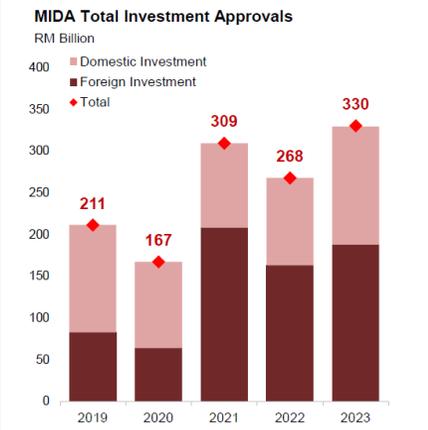


Going forward, investments will be supported by key infrastructure projects...



Note: Number in bracket refers to cumulative progress rate. Progress of MyDIGITAL 5G project proxied by coverage of populated areas.
Source: Department of Statistics, Malaysia, newflows

...and realisation of approved domestic and foreign investments



Source: Malaysia Investment Development Authority

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Thank You



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