



SUSTAINABLE ISKANDAR MALAYSIA

BRINGING YOUR BUSINESS TO THE NEXT LEVEL

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9 MARCH 2023



AGENDA

- 01 Investment Performance and Achievement
- 02 Sustainable Investment Opportunities and Ecosystem
- 03 Green Agenda and Sustainability
- 04 Investment Facilitation and Incentive
- 05 Success Stories

Iskandar Malaysia, Johor's Economic Powerhouse

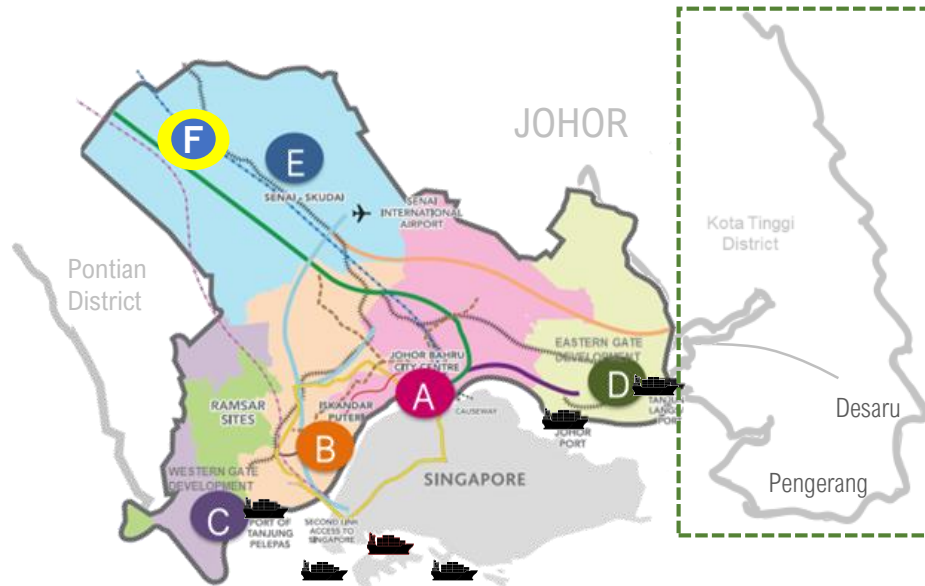
1st Economic Corridor in Malaysia formed in 2006

Total 2,300 km² area

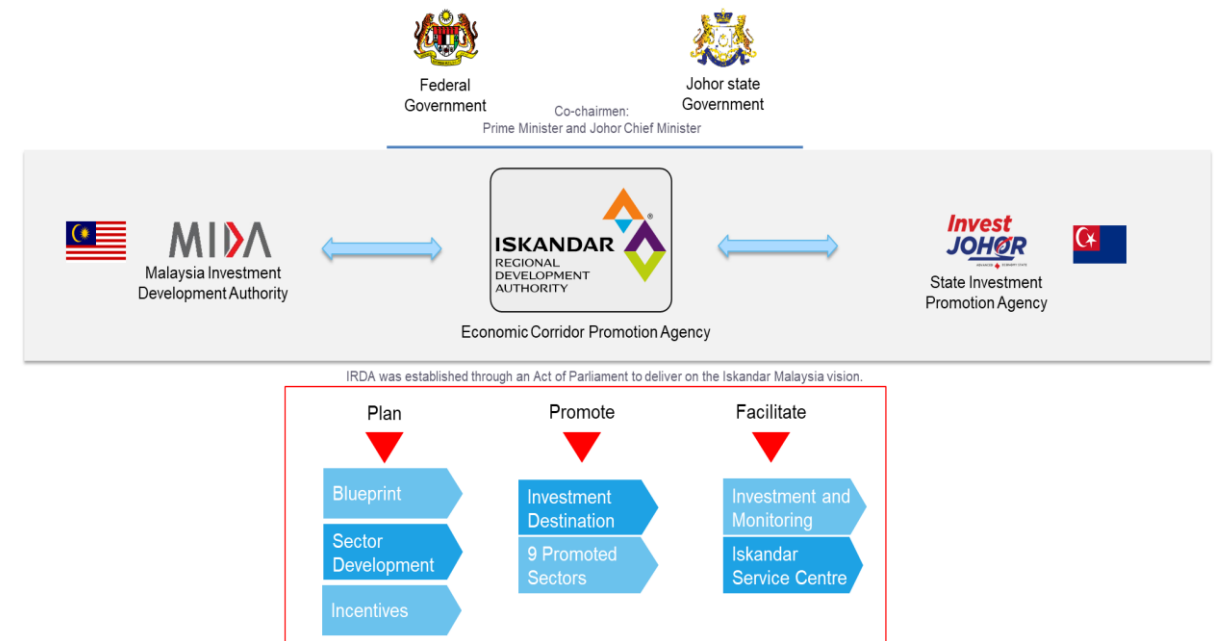
Population size of over 2mil

GDP at RM85,752 mil in 2021, Annual growth rate 6.5% (2011-2019)

GDP per capita of RM44,220 in 2021



Under Parliament Act 664, Iskandar Regional Development Authority (IRDA) is the statutory body formed to **PLAN, PROMOTE** and **FACILITATE** the development of Iskandar Malaysia



LOCATION AND MARKET ACCESS



ASEAN

3rd largest regional economy in Asia
5th largest economy in the world

> 660mil
population

Collective GDP of
USD3.3 Trillion (as of 2021)



**REGIONAL COMPREHENSIVE
ECONOMIC PARTNERSHIP**

INVESTMENT PERFORMANCE & ACHIEVEMENT

RM375.70bil

Cumulative Investment
(2006 - September 2022)

60%

Total cumulative
Realised Investment

36%

Promoted Sector

TOTAL DOMESTIC INVESTMENT (2002-2022) RM'bil

59%

Domestic Investment



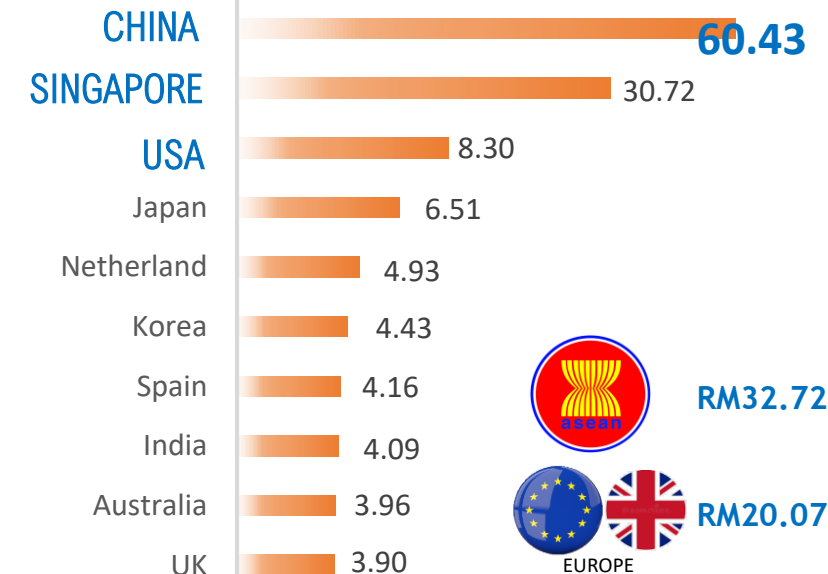
RM222.5bil

TOP 10 FOREIGN INVESTMENTS (2002-2022) RM'bil

41%

Foreign Investment

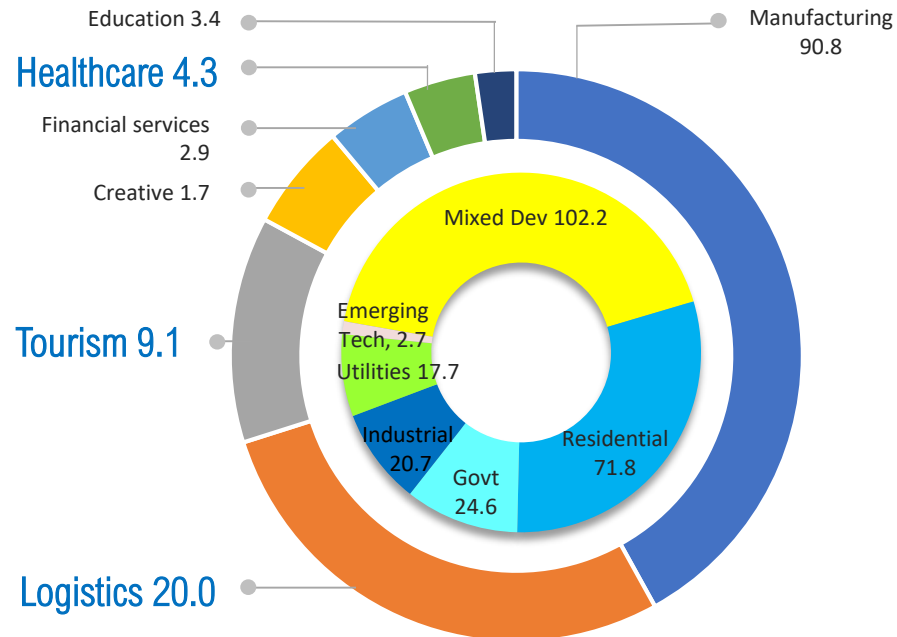
RM153.2bil



47% Manufacturing

40% Mixed Development

13% Services & others





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9 PROMOTED SECTORS

HALAL ECONOMY

MANUFACTURING



Electrical & Electronics



Petrochem. & Oleo-chem.



Food & Agro Processing

GREEN ECONOMY

SERVICES SECTORS



Logistics

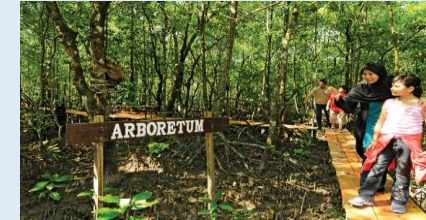


Financial & Business
Services



Creative

EMERGING TECHNOLOGIES



Tourism



Healthcare



Education

1



INFORMATION COMMUNICATION TECHNOLOGY (ICT)

Green Data Centre that maximises energy efficiency and minimise environmental impact (Low carbon emission)

2



LOGISTICS INDUSTRY (AEROSPACE)

Maintenance, Repair and Overhaul (MRO) activities that attracts talents and technology to keep Iskandar Malaysia at the forefront of this global industry

3



MODERN FARMING INDUSTRY

New and modern technologies such as AI, Drone in modern farming industry

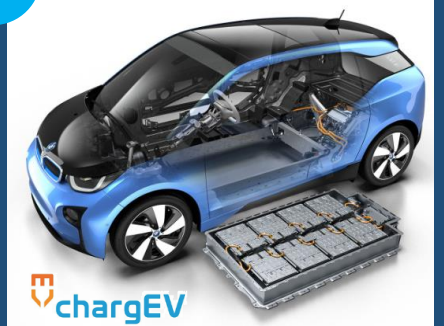
4



HEALTHCARE INDUSTRY

Huge potential for high technology Medical devices / bio tech companies, and pharmaceutical to set up operations in Iskandar Malaysia

5



ELECTRIC VEHICLE (EV) INDUSTRY

Attract companies that have the expertise and smart technology to set up operation in Iskandar Malaysia, including battery manufacturing for EV

5G

CONNECTING THE WORLD BY ROAD, SEA, AIR, RAIL AND VIRTUAL

1 3 SEAPORTS

2 SENAI INTERNATIONAL
AIRPORT

3 ELECTRIC
TRAIN
SYSTEM

4 RAPID TRANSIT
SYSTEM (RTS)

5 ISKANDAR RAPID
TRANSIT (IRT)

6 HIGH SPEED
BROADBAND
5G NETWORK

SUSTAINABLE ECO-INDUSTRIAL PARKS & OFFICE SPACES

**1 GREEN BUILDING
CONCEPT**

**2 ENERGY EFFICIENCY,
RENEWABLE ENERGY**

**3 READY BUILT
FACILITIES**

**4 MULTI LAYER SECURITY
CONTROL WITH CCTV**

**5 WORKERS DORMITORY
WITH SPORTS
FACILITIES**

**6 GOVERNMENT
SUPPORT**

ECOSYSTEM - SME & TALENTS

>1MIL JOBS CREATED (SINCE 2006)



1 RESKILLING AND UPSKILLING PROGRAMMES

2 CAPACITY BUILDING PROGRAMMES

3 INDUSTRY & ACADEMIA TALENT MATCHING

4 EMPLOYMENT GRANT

5 ENTREPRENEURSHIP GRANT



AN IDEAL PLACE TO INVEST, WORK, LIVE AND PLAY

1 >12 PRIVATE HOSPITALS,
WELLNESS CENTERS AND
HEALTHCARE FACILITIES

2 >17 INTERNATIONAL SCHOOLS
24 PRIVATE UNIVERSITIES AND
COLLEGES

3 20 GOLF COURSES

4 4-5 STAR HOTELS, THEME
PARKS AND NATURAL ECO-
TOURISM SPOTS

5 DESTINATION
SHOPPING MALLS

6 DIMENSIONS OF SMART CITY FRAMEWORK



Grow Economy through
Smart Investment



Managing Environment
through Smart
Collaboration



Provide Smart mobility
and connectivity



Smart Governance
focusing on the needs
of the Rakyat



Provide Smart
living quality



Produce Smart
People and
mindset

1



TRAFFIC MANAGEMENT AND INTEGRATED TRAFFIC SYSTEM

Developing the implementation strategy for Iskandar Malaysia's Smart Integrated Mobility Management System (SIMMS)

Introducing planning decision support to help utilise data from SIMMS for better city planning

2



SMART WATER MANAGEMENT

Utilising data and analytics to address the increasing demand for water availability in line with the increase in development growth and pace with available supply.

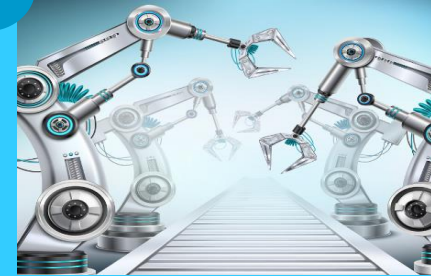
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ISKANDAR MALAYSIA URBAN OBSERVATORY (IMUO) BIG DATA PLATFORM

A Central Data Center to collate, update, analyse, manage and disseminate data and information for Iskandar Malaysia

4



IR4.0 AND STARTUPS

Facilitate University and Industry Collaboration programs as part of IR4.0 adoption and roll-out.

Ensuring local start-ups given support to integrate use of new technologies and knowledge to participate in e-commerce.

5



MODERN FARMING UTILISING SMART TECHNOLOGIES AND CIRCULAR ECONOMY

Piloting smart technologies and circular economy for modern farming at a test-bed zone.

Integrating all supporting support systems for modern farming – logistics, cold storage, halal industries and packaging holistically



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Iskandar Malaysia, the **PIONEER CITY** in Malaysia to drive Low Carbon Initiatives since 2009

Low Carbon City Blueprint for Iskandar Malaysia 2025 (LCSBPIM 2025) was introduced in Conference of Party (COP) 2012 in Doha.

1st Region in Malaysia
– complies to international recognised standard – the **Global Protocol for Community-scale Greenhouse Gas Emission Inventory (GPC)**

Recognized by **CDP Global Ranking *Cities A List in 2019, 2020 & 2022 for LEADERSHIP & TRANSPARENCY ON CLIMATE CHANGE ACTION*** especially in our effort on reduce Greenhouse gas (GHG) emissions and build resilience against the impacts of climate change.



ACHIEVEMENT

ACHIEVED 19.7% REDUCTION OF CARBON INTENSITY EMISSION ON ITS GHG 2019 COMPARED TO BASED YEAR OF 2010.
ISKANDAR MALAYSIA TARGETS 70% REDUCTION OF CARBON INTENSITY EMISSION BY 2030.

PRIMED TO BE THE LOW CARBON HUB IN MALAYSIA

POTENTIAL SUSTAINABLE INVESTMENTS OPPORTUNITIES



1



RENEWABLE ENERGY

Strengthening renewal energy elements in Iskandar Malaysia, and opening potentials for hydro and solar energy.

2



POLLUTION CONTROL

Reduce toxic pollutants, cut water usage, increase efficiency, and lower costs to improve operations and better protect the communities

3



WASTE REDUCTION & CIRCULARITY

Making better use of natural resources such as forests, soil, water, air, metals, and minerals; reducing emissions, protecting human health, and biodiversity, boosting economies and creating better jobs.

4



GREEN TRANSPORTATION

Implement sustainable transport modes that rely on renewable energy sources such as wind and solar energy, hydroelectric, and biomass, among others.

5



ALTERNATIVE AGRICULTURE & REFORESTATION

Seize full environmental, social, and market opportunities associated with sustainable agricultural production systems, forest conservation and restoration, while mitigating emerging risks.

6



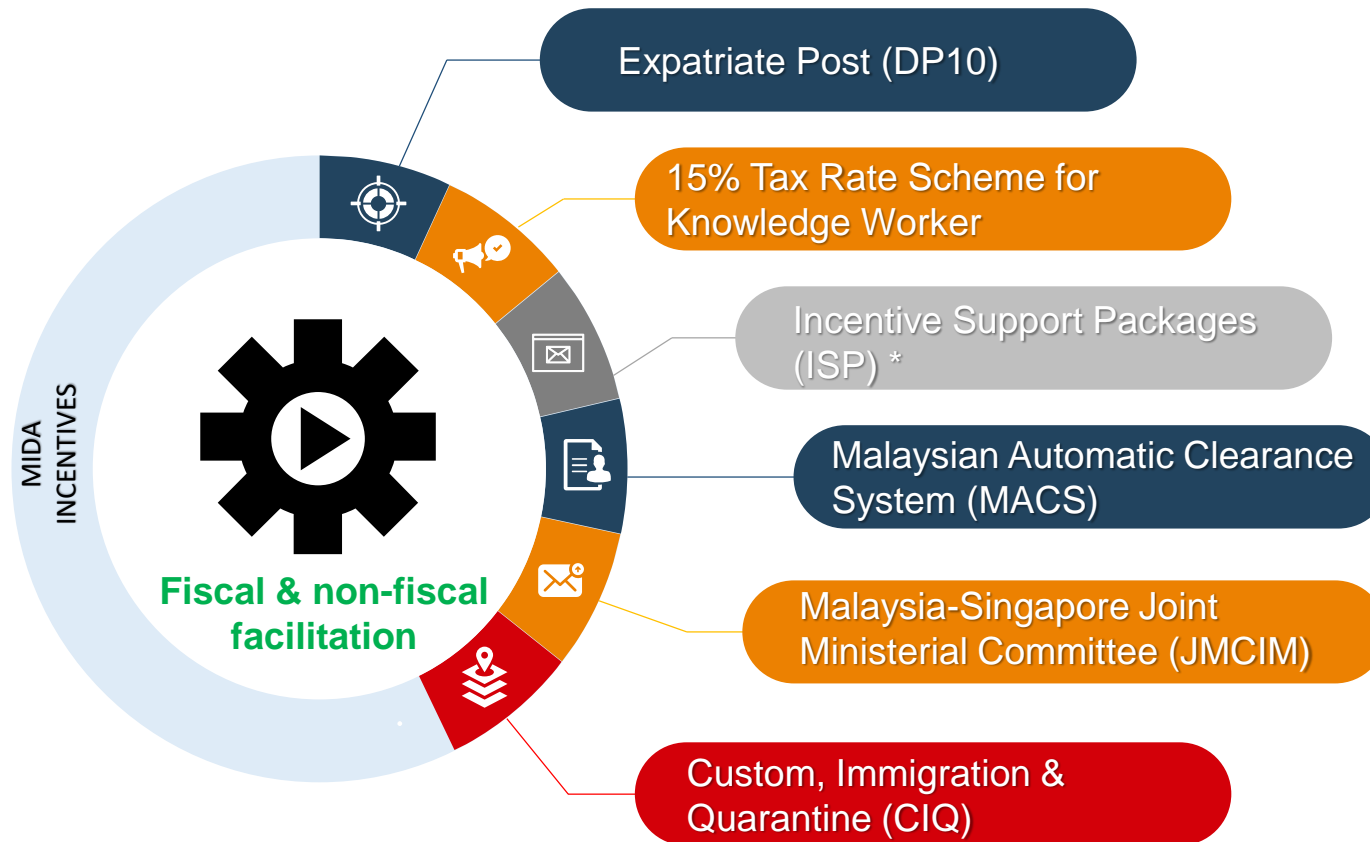
WATER INVESTMENT

Valuing water from improvements in water management in terms of valued goods and services, as well as reduced water-related risks.



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Employment Pass for expatriates who work and draw salaries in Malaysia.

15% tax rate scheme for qualified knowledge workers (returning Malaysians and new expatriates) in Iskandar Malaysia.

Approved Developers, Approved development Managers, IDR Status, Customised Incentives

Fast-track immigration clearance for non-Malaysian investors, business personnels and professionals.

High level strategic Government to Government platform to facilitate the cooperation between Malaysia and Singapore specific to the development in Iskandar Malaysia.

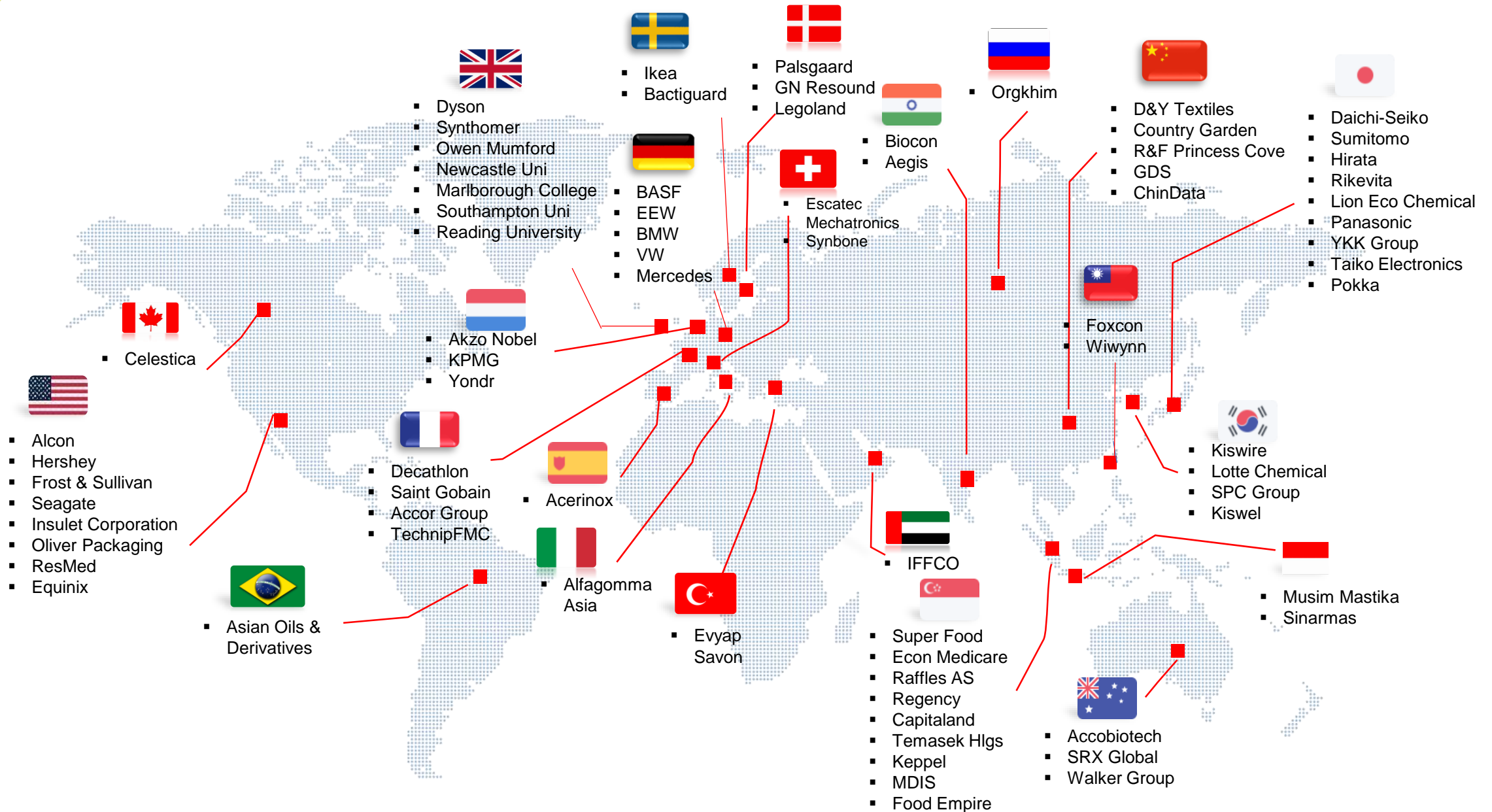
Coordinate information requirements for office and equipment requirements for each department and agency involved.



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KEY INVESTMENTS IN ISKANDAR MALAYSIA..AT A GLANCE



Insulet Corporation (USA) at I-Tech Valley, SiLC Iskandar Puteri



- **A Medical Device company that manufactures tubeless automated insulin delivery system**
- **Initial Investment:** RM800 mil – RM1 bil (USD200-250mil) over 5 years
- **Site area:** 12.45 acres
- **Jobs creation:** 500 (phase 1) to 2,000 employees
- **Groundbreaking Ceremony :** 2nd June 2022
Construction began in July 2022

YTL Johor Data Centre Park 1 , 1st DC powered by Renewable Energy



- **Investment :** RM15bil over 10 years
PHASE 1
- **Site area:** 275 areas
- **Capacity:** 500MW
- **Location :** Kulai
- **Anchor Tenant :** SEA Ltd,
- **Type :** Tier III, 72MW, expected to be ready Q1, 2024 (RM1.5bil in Phase 1)

Other major investments in data centres are located at Sedenak Tech Park and Nusajaya Tech Park

Wiwynn 1st Rack Server Integration Plant in Asia Pacific



- **Printed Circuit Board Assembly Plant**
Investment : RM200mil
- **Site area :** 11.9 acres
- **Launched :** 18 February 2022
- **Location :** Senai Airport City
- **Job Creation :** 1600
- **Expected completion :** 2023
- GBI Gold Certification

WHY ISKANDAR MALAYSIA?

ISKANDAR
REGIONAL
DEVELOPMENT
AUTHORITY

THANK YOU



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