DANANG SPECIFIC ECONOMIC ZONES AUTHORITY

TECHNOLOGICAL CONVERGENCE - SUSTAINABLE DEVELOPMENT

TABLE OF CONTENTS

EXECUTIVES SUMMARY

The Da Nang Free Trade Zone (Da Nang FTZ) is the first and only FTZ model in Vietnam. Combined with the High-Tech Park and the International Financial Center, the Da Nang FTZ opens a strategic investment gateway with exceptional growth potential. Located in one of Asia's most dynamic cities, the Da Nang FTZ is not only an investment opportunity but also a new technological and commercial hub for Vietnam and the region.With a strategic location directly connecting to the Lien Chieu Deep-Water Seaport, the international airport, and arterial transportation routes, DSEZA is calling for infrastructure investors for the 07 functional zones within the FTZ. We are committed to building an integrated, modern technical infrastructure system ready to accommodate projects.

Investors implementing projects here will enjoy exceptional and Vietnam's most competitive incentive policies, equivalent to those in Economic Zones. In particular, the corporate income tax rate of only 10% for 15 years, along with an incentive of a 4-year tax exemption and a 50% reduction for the next 9 years, is a strong commitment from the Government to create the most favorable conditions for businesses.

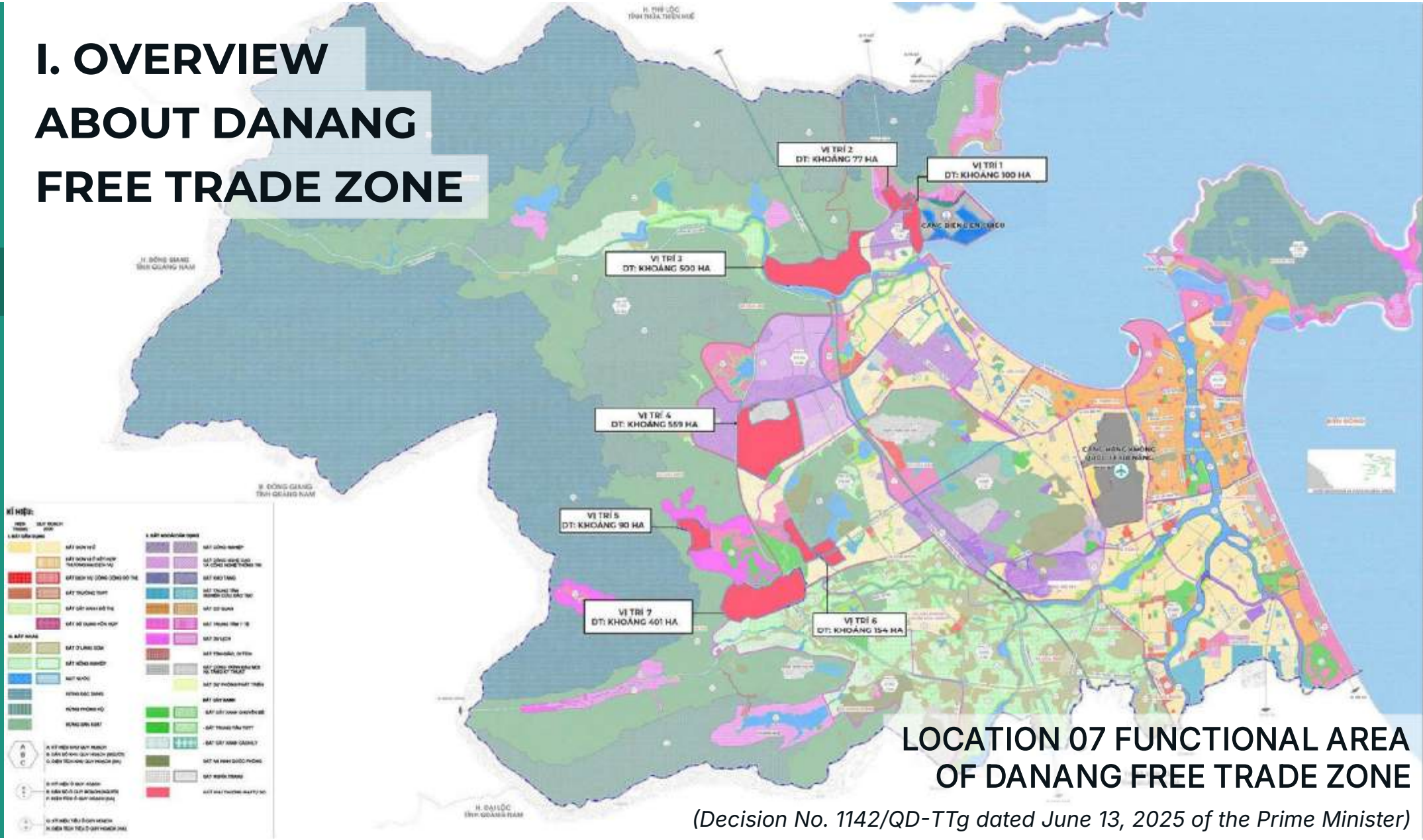
The attractiveness of Da Nang has been demonstrated by the success of the Da Nang High-Tech Park, which has attracted over 1.14 billion USD from global corporations such as Universal Alloy Corporation (UAC), Foxlink, and Dentium.

In addition, after the merger with Quang Nam province, Da Nang now possesses a large industrial land bank with 13 new industrial parks, totaling over 6,000 hectares in area. This strategic land bank not only expands development space but also affirms the city's commitment to creating an extensive, sustainable, and high-potential investment environment for investors.

INTRODUCTION

- DANANG FREE TRADE ZONE
- PREVIOUS DANANG INDUSTRIAL PARKS
- PREVIOUS QUANG NAM INDUSTRIAL PARKS

I. OVERVIEW ABOUT DANANG FREE TRADE ZONE



LOCATION 07 FUNCTIONAL AREA OF DANANG FREE TRADE ZONE

(Decision No. 1142/QD-TTg dated June 13, 2025 of the Prime Minister)

II. PREVIOUS DANANG INDUSTRIAL PARKS

1. Danang Hi-tech Park
1.128,4 ha

2. Danang IT Park
131 ha

3. Lien Chieu Industrial Park
289,35 ha

4. Hoa Khanh Industrial Park
394 ha

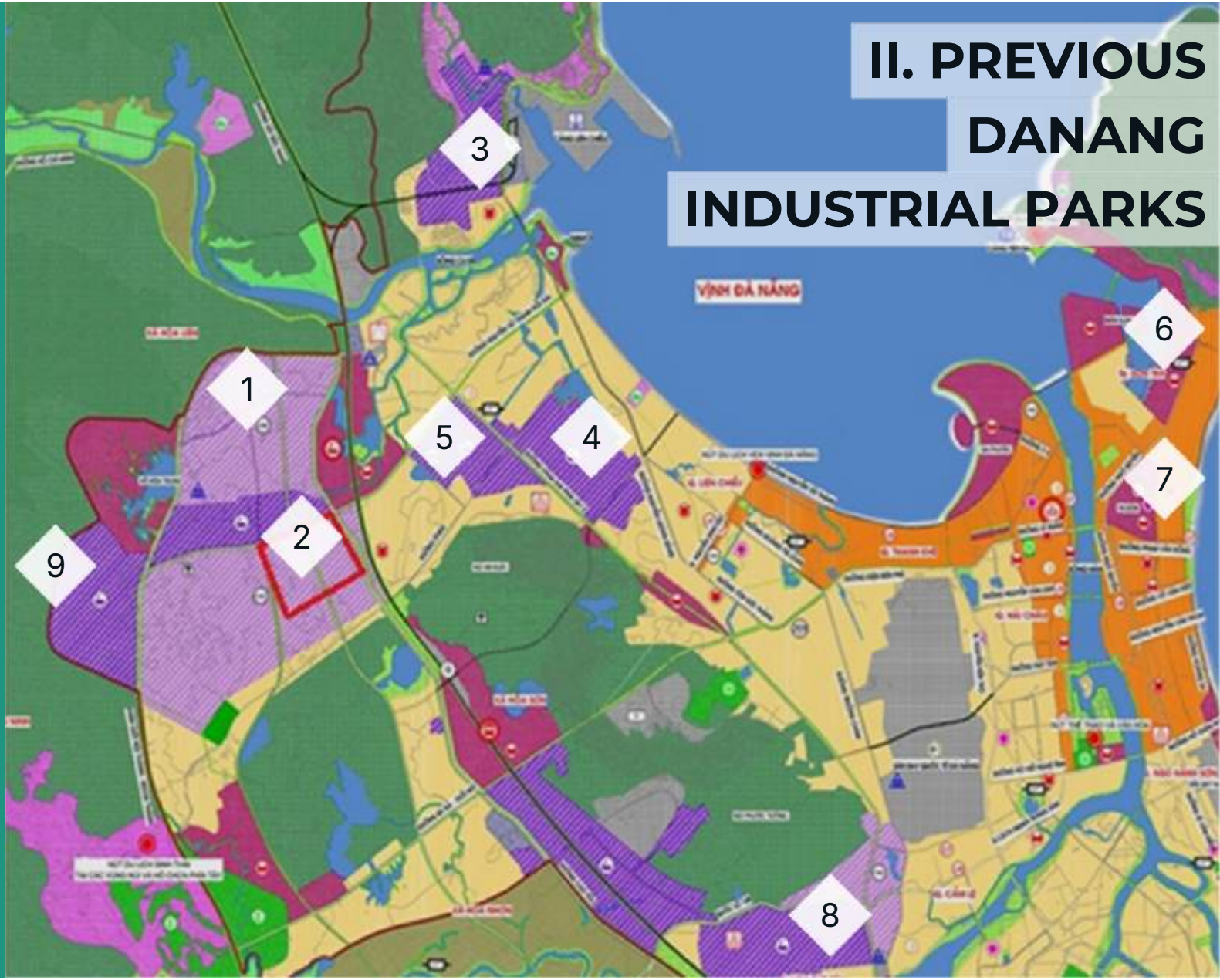
5. Expanded Hoa Khanh Industrial Park 132,6 ha

6. Da Nang Fisheries Service Industrial Park 50,63 ha

7. Danang Industrial Park
50,1 ha

8. Hoa Cam Industrial Park
Phase 1: 136 ha

9. KCN Hòa Ninh
Phase 1: 400,02 ha

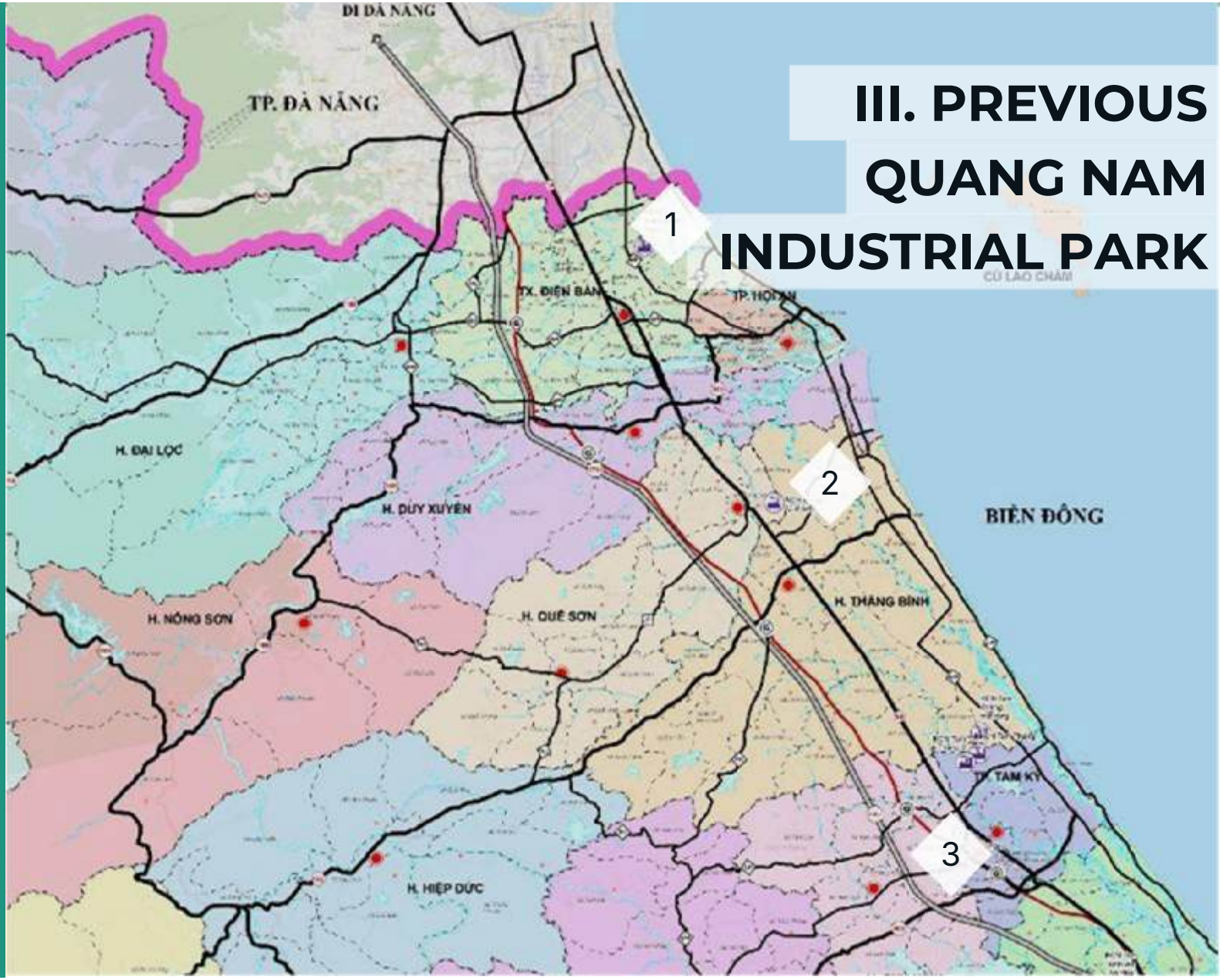


III. PREVIOUS QUANG NAM INDUSTRIAL PARK

1. Dien Nam Dien Ngoc Industrial Park
357,08 ha

2. Dong Que Son Industrial Park
211,26 ha

3. Thuan Yen Industrial Park
148,42 ha



DANANG HI-TECH PARK

- HISTORY
- LOCATION
- PLANNING
- INFRASTRUCTURE
- PRIORITY INDUSTRIES
- INVESTMENT INCENTIVES
- OUR PARTNERS

I. HISTORY

Establishment of the Management Board of Quang Nam - Da Nang Export Processing and Industrial Zones (Decision 548/TTg).

1995

I. HISTORY

Da Nang becomes a centrally-governed city;
Renaming Committee, promoting the formation of key industrial parks.

1997

I. HISTORY

Establishment of Danang High-Tech Park Management Board (Decision 1980/QD-TTg); construction of one of three national high-tech parks.

2010

I. HISTORY

Merge into Danang Industrial Park and Hi-Tech Park Management Board (Decision 1296/QD-TTg); centralized management of industrial parks and Hi-Tech Parks.

2018

I. HISTORY

Add the function of managing the Centralized Information Technology Park (DITP).

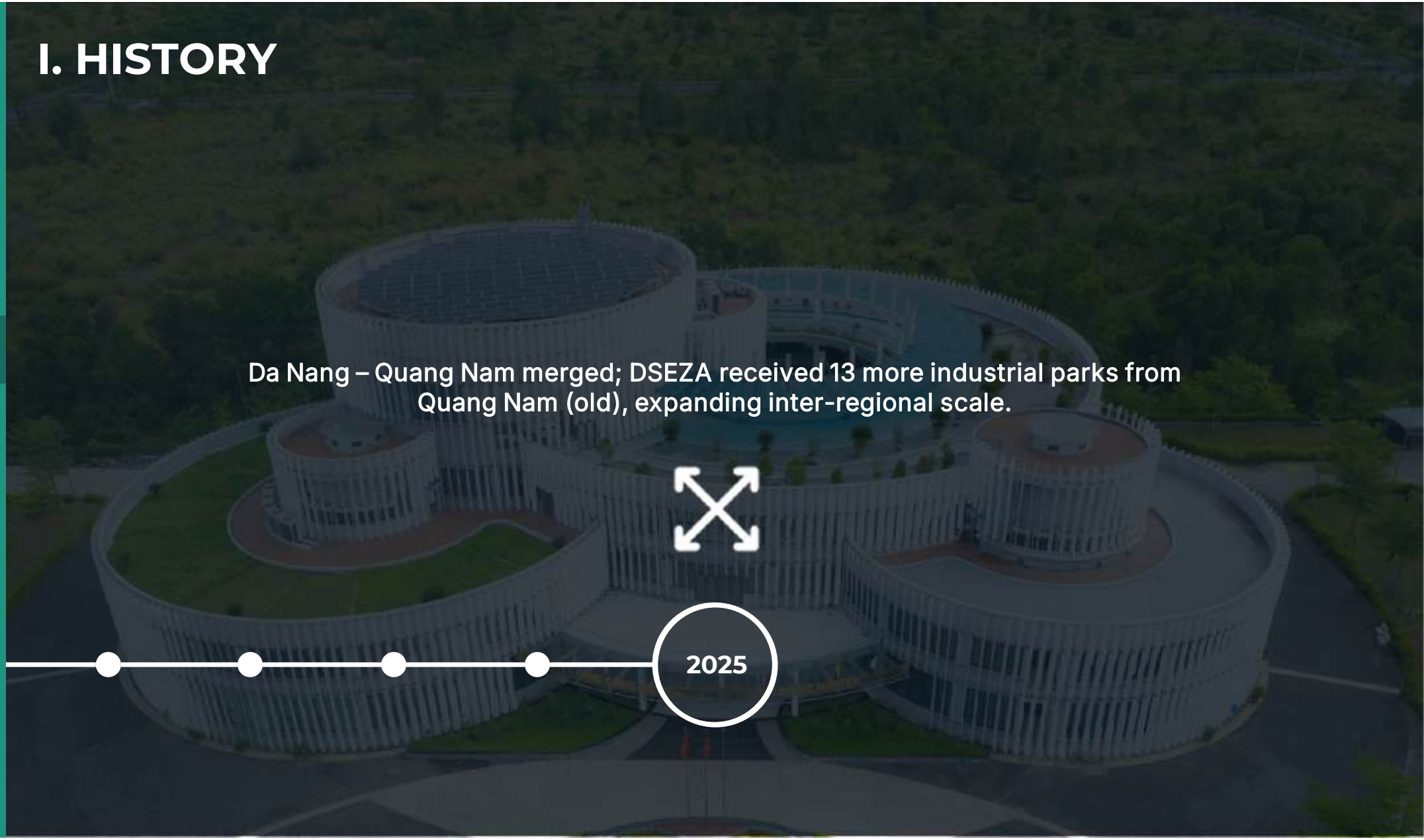
2020

I. HISTORY

2024–2025 – Resolution 136/QH15, Decision 34/2025/QD-UBND: Restructure into DSEZA, managing 4 pillars (Hi-tech park, Industrial Parks, DITP, FTZ).

2024

I. HISTORY



Da Nang – Quang Nam merged; DSEZA received 13 more industrial parks from Quang Nam (old), expanding inter-regional scale.

2025

II. LOCATION

LIEN CHIEU PORT – 5KM

TIEN SA PORT – 25KM

ADMINISTRATIVE CENTER – 22KM

DANANG INTERNATIONAL AIRPORT – 17KM

III. PLANNING

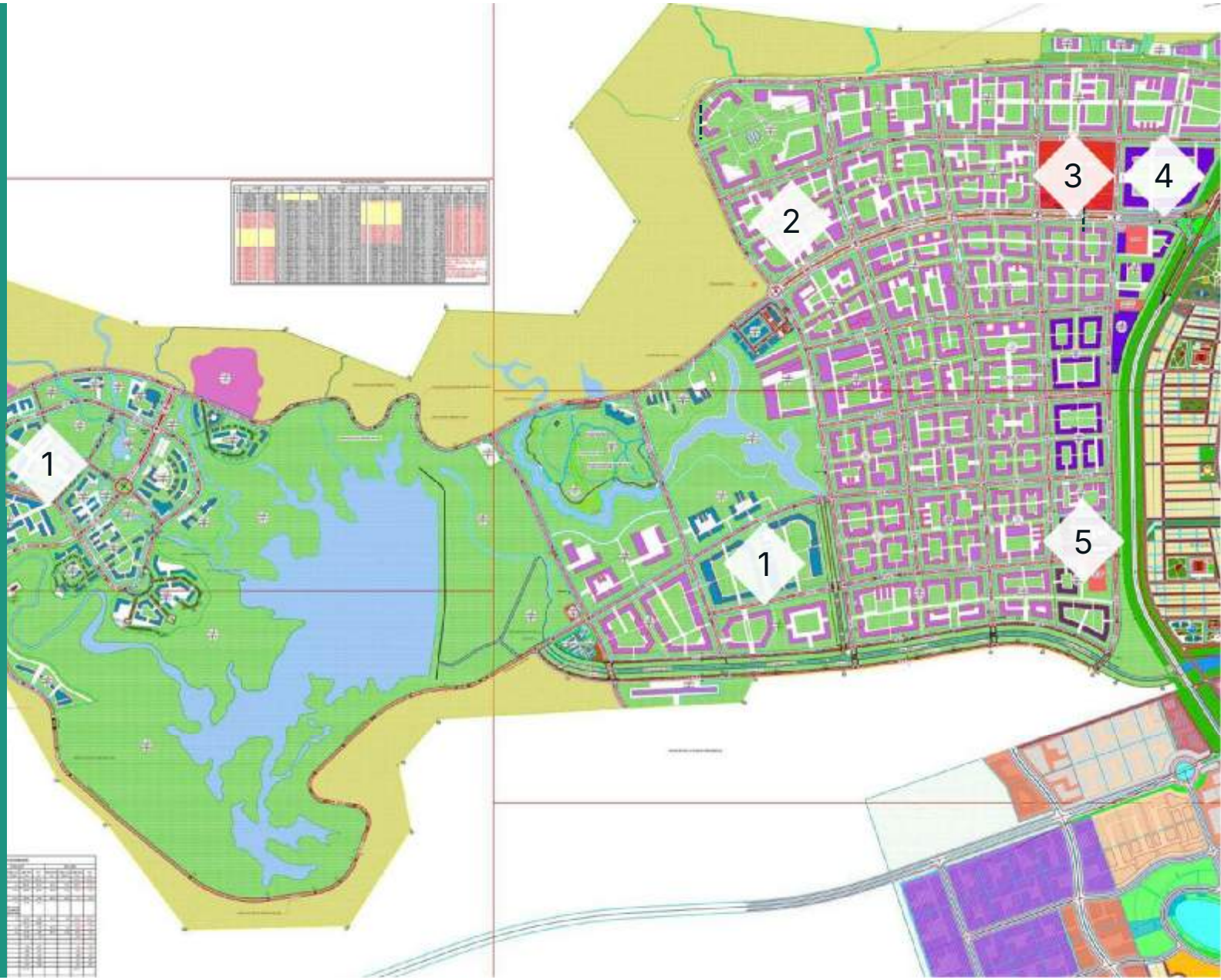
1. High-Tech Research - Development, Training and Incubation Zone
90.14 ha

2. High-Tech Manufacturing Zone
224.43 ha

3. Administrative Area
2.65 ha

4. High-Tech Logistics and Services Zone
59.64 ha

5. Key Technical Infrastructure Area
9.75 ha



IV. TECHNICAL INFRASTRUCTURE

IV. TECHNICAL INFRASTRUCTURE

1. WATER SUPPLY

Hoa Trung Lake Water Plant 10,000m3/day and night

In addition, near Da Nang High-Tech Park, there is Hoa Lien Water Plant (about 2km away) operating in phase 1 with a capacity of 120,000 m3/day and night (designed capacity is 240,000 m3/day and night); pipelines have been built, ready to supply water to projects in Da Nang High-Tech Park and nearby areas.

2. POWER SUPPLY

110kV transformer station, Design capacity 2x63MW. Currently operating with capacity 2x40MWZ

In addition, the Hoa Ninh LNG Thermal Power Plant located in Hoa Ninh Industrial Park (about 5km from Da Nang High-Tech Park) is being invested in, expected to come into operation in phase 1 (1,500MW) in 2030; phase 2 with a capacity of 1,500MW will continue to be invested in and completed after 2030.

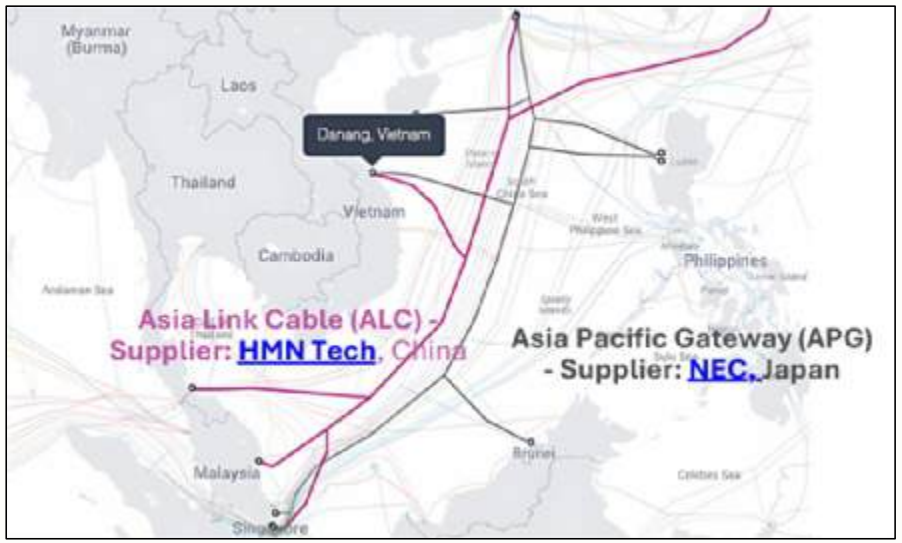
IV. TECHNICAL INFRASTRUCTURE

3. WASTEWATER TREATMENT PLANT

- Total capacity of Wastewater Treatment Plant: 18,000m3/day and night
- Current capacity of module 1 is 4,500m3/day and night
- Wastewater after treatment meets type A according to QCVN 40:2011

4. TELECOMMUNICATIONS

- Transmission infrastructure: 02 optical cable lines SWM and APG, total capacity 55.13 Tb/s; North-South transmission line with total capacity 14.2 Tb/s; SMW-3 optical cable system.
- Underground optical cable line from the city center to the High-tech Park:
  - Ensuring smooth communication and connection
  - High-quality transmission line, confidentiality, safety and network security



V. PRIORITY INDUSTRIES

*(For details on the list of high technologies according to **Decision No. 38/2020/QD-TTg dated December 30, 2020**, please refer to the Appendix)*

99 **High-tech**
Development Priority

107 **High-tech Products**
Encourage Development

E-Wallet | Mechatronics | Optoelectronics

Biotechnology

Information and Communication Technology

Automation | Precision Engineering

New Energy | New Materials | Nano Technology

Petrochemical Technology | Other Technology

VI. INVESTMENT INCENTIVES

INVESTMENT INCENTIVES

INCOME TAX INCENTIVES

IMPORT TAX INCENTIVES

IMMIGRATION INCENTIVES

1. LAND RENT INCENTIVES

(Decree 04/2018/ND-CP dated January 4, 2018 of the Government stipulating preferential mechanisms and policies for Da Nang High-Tech Park)

VI. INVESTMENT INCENTIVES

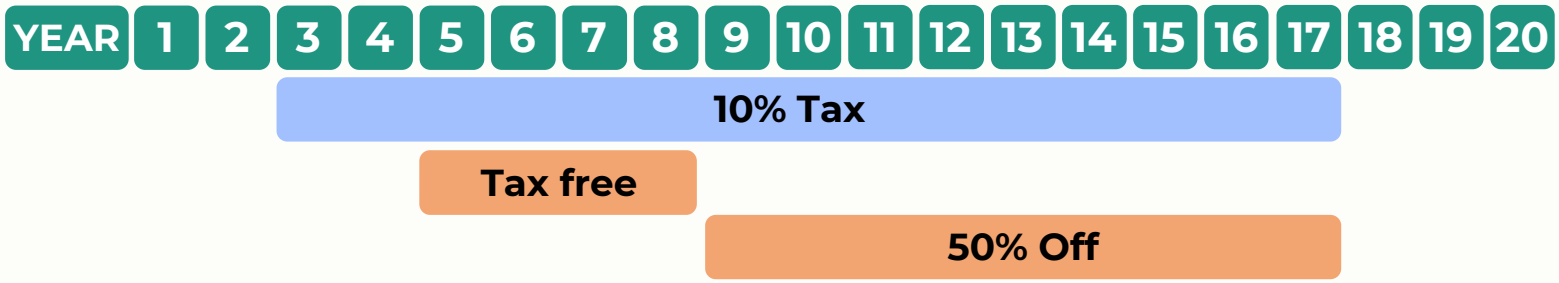
INVESTMENT INCENTIVES

INCOME TAX INCENTIVES

IMPORT TAX INCENTIVES

IMMIGRATION INCENTIVES

2. CORPORATE INCOME TAX INCENTIVES



10% discount for 15 years | Tax exemption the first 04 years | 50% off for the next 9 years

Projects from 3,000 billion VND: 10% incentive for 30 years, and 100% exemption from compensation and site clearance

VI. INVESTMENT INCENTIVES

INVESTMENT INCENTIVES | **INCOME TAX INCENTIVES** | **IMPORT TAX INCENTIVES** | **IMMIGRATION INCENTIVES**

3. IMPORT TAX INCENTIVES

Imported Goods To Create Fixed Assets

(Machinery, equipment, components, means of transport, construction materials that cannot be produced domestically)

Import Tax Exemption for 05 Years

(Raw materials, supplies, and components that are not produced domestically are imported for production)

Import Duty Free

(Machinery, equipment, spare parts, specialized materials that cannot be produced domestically, specialized scientific documents, books and newspapers used directly for scientific and technological research, technology incubation, and incubation of science and technology enterprises in the High-Tech Park.)

VI. INVESTMENT INCENTIVES

INVESTMENT INCENTIVES | **INCOME TAX INCENTIVES** | **IMPORT TAX INCENTIVES** | **IMMIGRATION INCENTIVES**

Investors, experts and workers who are Vietnamese residing abroad, foreigners working directly in the High-Tech Park and family members (including father, mother, wife or husband, biological children, adopted children under 18 years old) are considered for issuance of visas valid for multiple exits and entries with a duration appropriate to the purpose of entry according to the provisions of law.

VI. INVESTMENT INCENTIVES

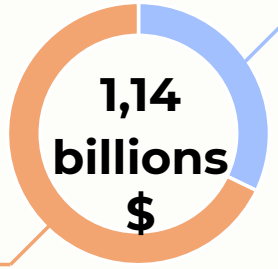
PROJECTS BOARD HAS GRANTED INVESTMENT LICENSE

13 FDI Projects

16 Domestic Projects

FDI Projects

Domestic Projects



365 Millions USD

TOTAL INVESTMENT CAPITAL

770,5 milions USD

OUR PARTNERS

DANAPHA PHARMACEUTICAL JSC

TOKYO KEIKI

SAIGON TEL

NIWA

KPC VINA

DANANG FREE TRADE ZONE

- Development Orientation
- Preferential Policy
- Strategic Investor

I.DEVELOPMENT ORIENTATION

1. Production and Logistics Functional Area

Manufacturing industries with modern, advanced technology, following the green industrial model, environmentally friendly, producing products that create high added value for priority industries and fields. Multimodal logistics services, related logistics support services (warehouses, goods distribution centers, transportation support services, maintenance, repair; goods quality inspection and testing services; cross-border e-commerce services...)

I.DEVELOPMENT ORIENTATION

2. Commercial Service Functional Area

Including high-quality, international-class commercial and service activities: duty-free business, cross-border e-commerce, trade promotion, etc.; Tourism services (entertainment, betting, etc.); high-quality education and health services; ancillary services and warehousing.

I.DEVELOPMENT ORIENTATION

3. Digital Technology, Innovation and Other Functional Areas

Including technology industrial clusters; cross-border e-commerce; research and development, innovation, technology transfer and controlled testing for priority industries and sectors; trade financial services and financial technology (fintech)

II. INVESTMENT INCENTIVES AND SUPPORT POLICIES

(Applicable to all investors)

01 Corporate income tax incentives: 10% tax rate for 15 years; Tax exemption for the first 4 years, 50% reduction for the next 9 years

02 Investment project operation period up to 70 years

03 Incentive levels, exemption and reduction periods for land rent for investment projects in construction and business of infrastructure of functional areas in the Commercial Zone are applied as for functional areas in the economic zone.

04 Tax, land, credit, accounting incentives similar to those for projects in economic zones Priority customs processing

05 Tax incentives for goods and services purchased, sold and supplied in the Free Trade Zone; between domestic and foreign countries with zones in the Free Trade Zone are applied according to the provisions of law on export tax, import tax, value added tax, special consumption tax as in the duty-free zone in the economic zone.

06 Foreign investors establishing economic organizations in Da Nang Free Trade Zone do not have to have an investment project and do not have to carry out procedures for granting or adjusting investment registration certificates before establishing economic organizations.

III. STRATEGIC INVESTORS

(According to Article 12, Resolution No. 136/2024/QH15 on the organization of urban government and piloting a number of specific mechanisms and policies for the development of Da Nang city)

Strategic investors must commit in writing to their obligations and meet one of the following conditions regarding charter capital and similar project experience:

- High-tech, innovative projects (AI, semiconductor chips, biotech, R&D): Charter capital ≥ 500 billion VND, similar project experience ≥ 1,000 billion VND.
- Semiconductor integrated circuit industry projects, flexible electronics, new technology batteries, defense industry: Charter capital ≥ 1,000 billion VND, similar project experience ≥ 2,000 billion VND.
- Project for construction and business of functional area infrastructure (trade-service, logistics of Lien Chieu Port, production): Charter capital ≥ 1,000 billion VND, experience of similar projects ≥ 2,000 billion VND.

Obligations of strategic investors: implement projects as approved, disburse capital within 5 years (and not transfer projects during this period), support localities (training, labor priority, technology application/transfer).

The selection of strategic investors to implement investment projects in construction and business of infrastructure of functional areas in Da Nang FTZ is carried out according to Article 12 of Resolution No. 136/2024/QH15.

DANANG IT PARK

OVERVIEW

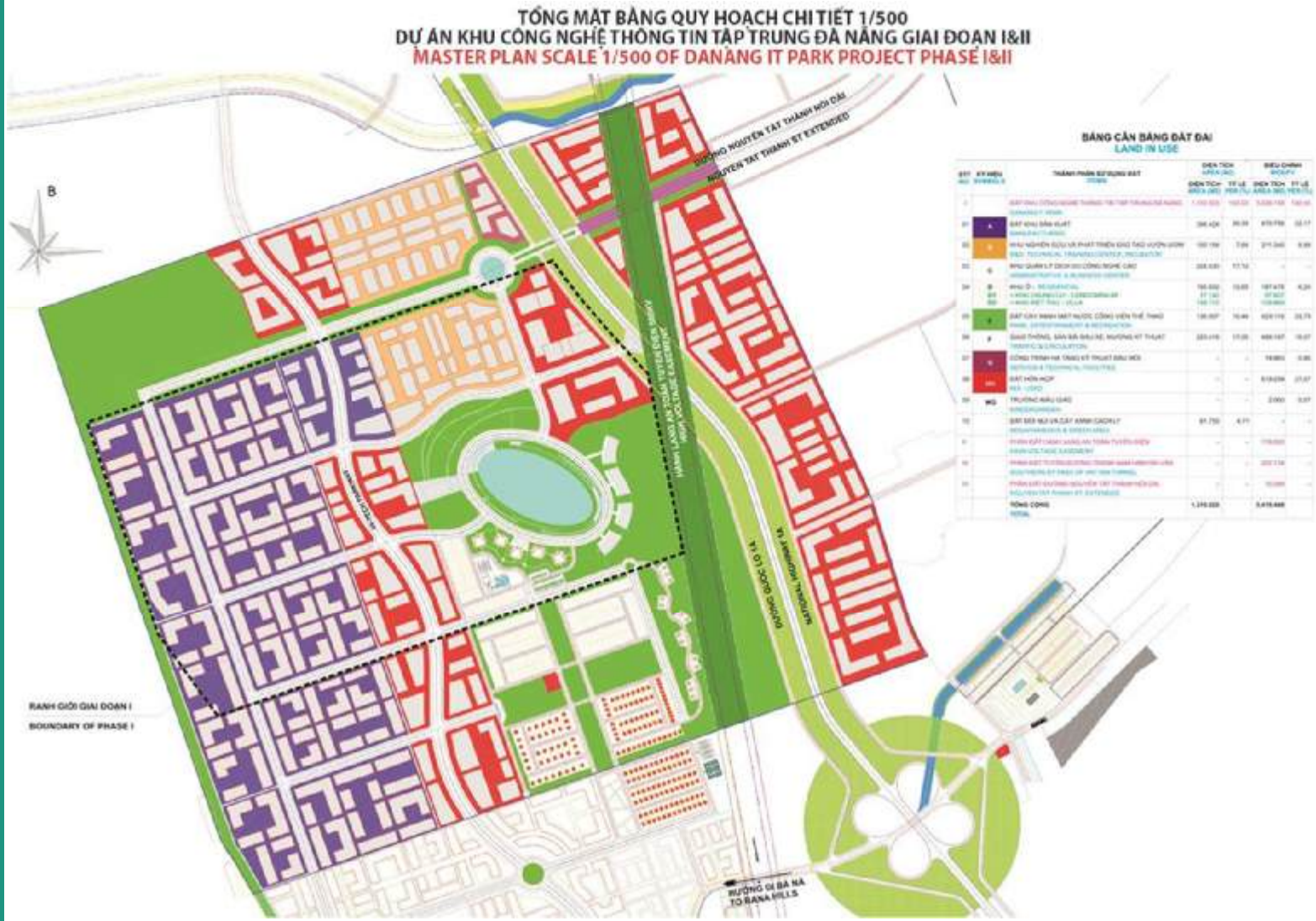
Location:
Hoa Lien Commune, Hoa Vang District

Area:
131 ha (Phase 1)

Total investment:
47 million USD (Phase 1)

Vision:
DITP will become one of the best IT development communities in Asia in Da Nang City following the model of Silicon Valley in the United States.

Investment attraction situation:
05 domestic projects with registered capital of VND 2,719 billion
(USD 116 million)



INDUSTRIAL PARKS

- OVERVIEW
- INVESTORS

I. OVERVIEW

No	Industrial Park Name	Total Area (ha)	Occupancy Rate (%)
1	Danang	50.1	100
2	Lien Chieu	394	100
3	Hoa Cam	289.35	60
4	Hoa Khanh	149.84	80.27
5	Expanded Hoa Khanh	132.6	100
6	Da Nang Fisheries Service	50.63	100
	Total | Average	**1066.52**	**87.89**

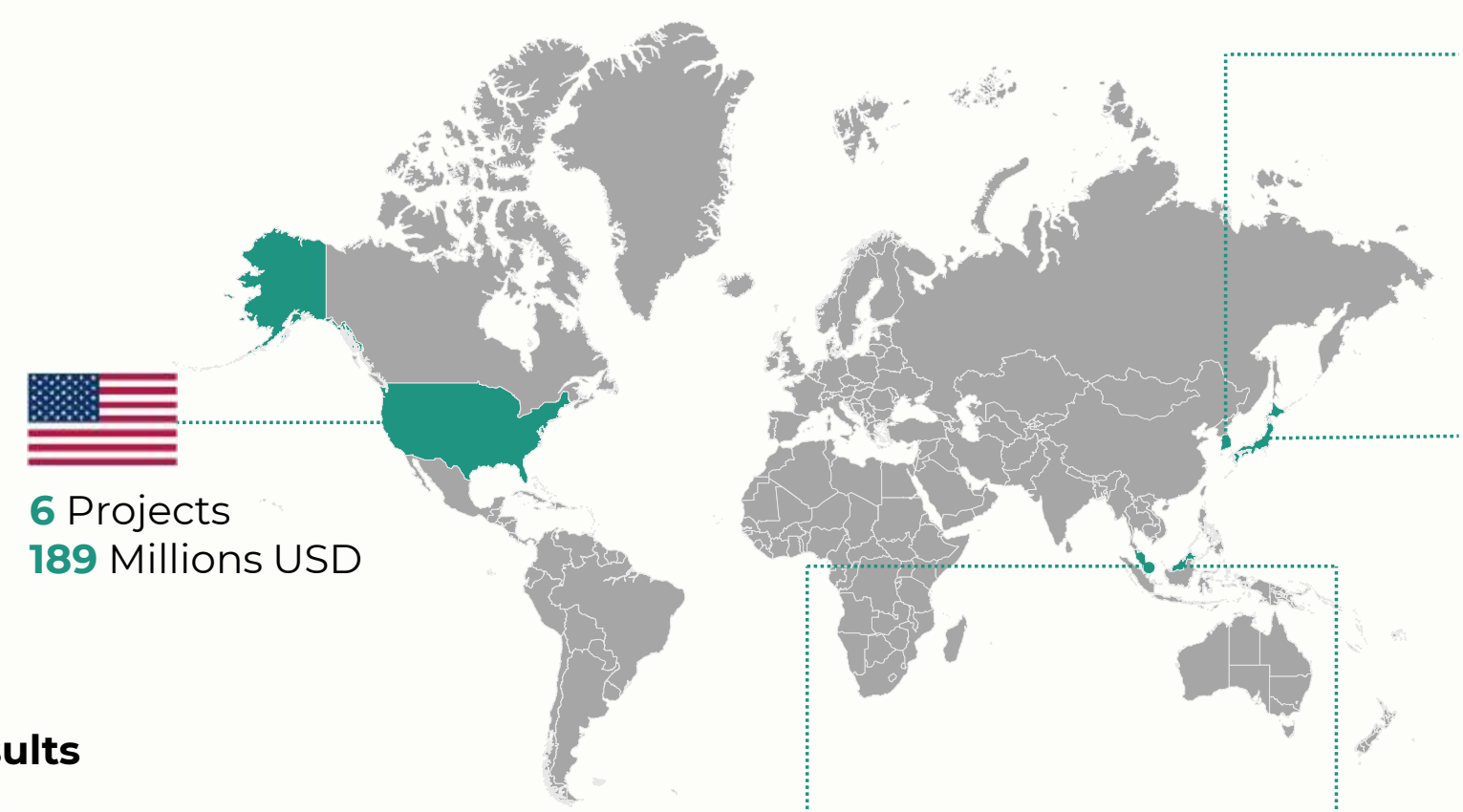
493 Projects

377 Domestic Projects — **919.35 Millions USD**

116 FDI Projects — **1.292 Millions USD**

keytronic MABUCHI MOTOR CROWN Brand-Building Packaging™ HEINEKEN VIETNAM VINAMILK

II. INVESTORS



19 Projects
336 Millions USD

49 Projects
695 Millions USD

6 Projects
189 Millions USD

10 Projects
695 Millions USD

4 Projects
234 Millions USD

Results

Export: **929** Millions USD

Import: **635** Millions USD

NEW INDUSTRIAL PARKS

- 3 NEW INDUSTRIAL PARK (DA NANG BEFORE MERGED)
- 10 NEW INDUSTRIAL PARKS (QUANG NAM BEFORE MERGED)

I. 03 NEW INDUSTRIAL PARKS
(DA NANG BEFORE MERGED)

1 HOA NINH INDUSTRIAL PARK (PHU MY 3 DA NANG IP)

(Hoa Ninh, Hoa Vang, Da Nang)

Investor: Thanh Binh Phu My Joint Stock Company

Total investment: 6,203 billion VND

Infrastructure construction in progress

Area: 400 ha

2 HOA NHON INDUSTRIAL PARK

(Hoa Nhon, Hoa Vang, Da Nang)

Investor selection underway

Total investment: VND 2,500 billion

Area: 225.3 ha.

3 HOA CAM INDUSTRIAL PARK (PHASE 2)

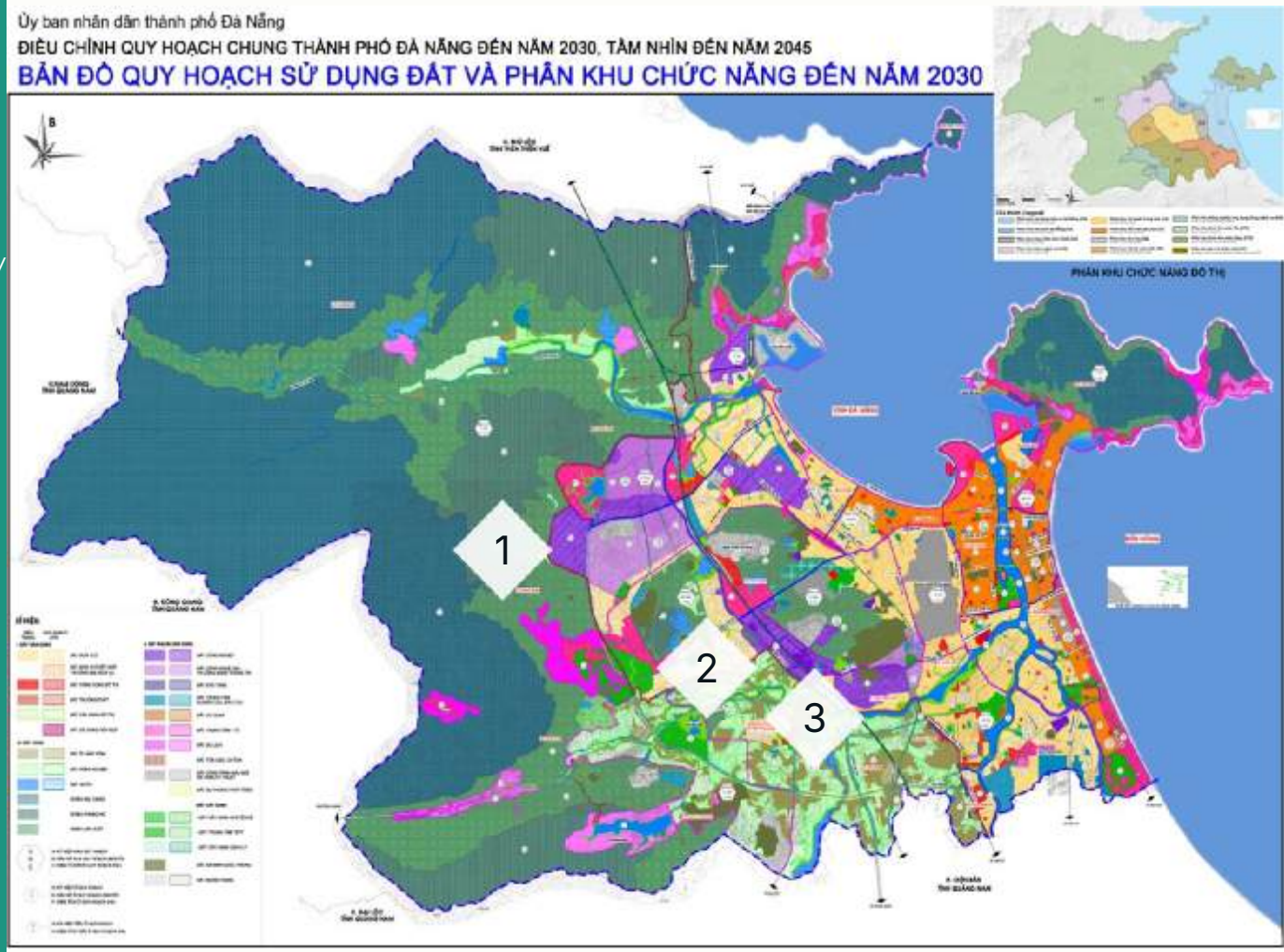
(Hoa Tho Tay, Cam Le, Da Nang)

Bidding to select Investors

Total investment: 2,176 billion VND

Area: 120,019 ha

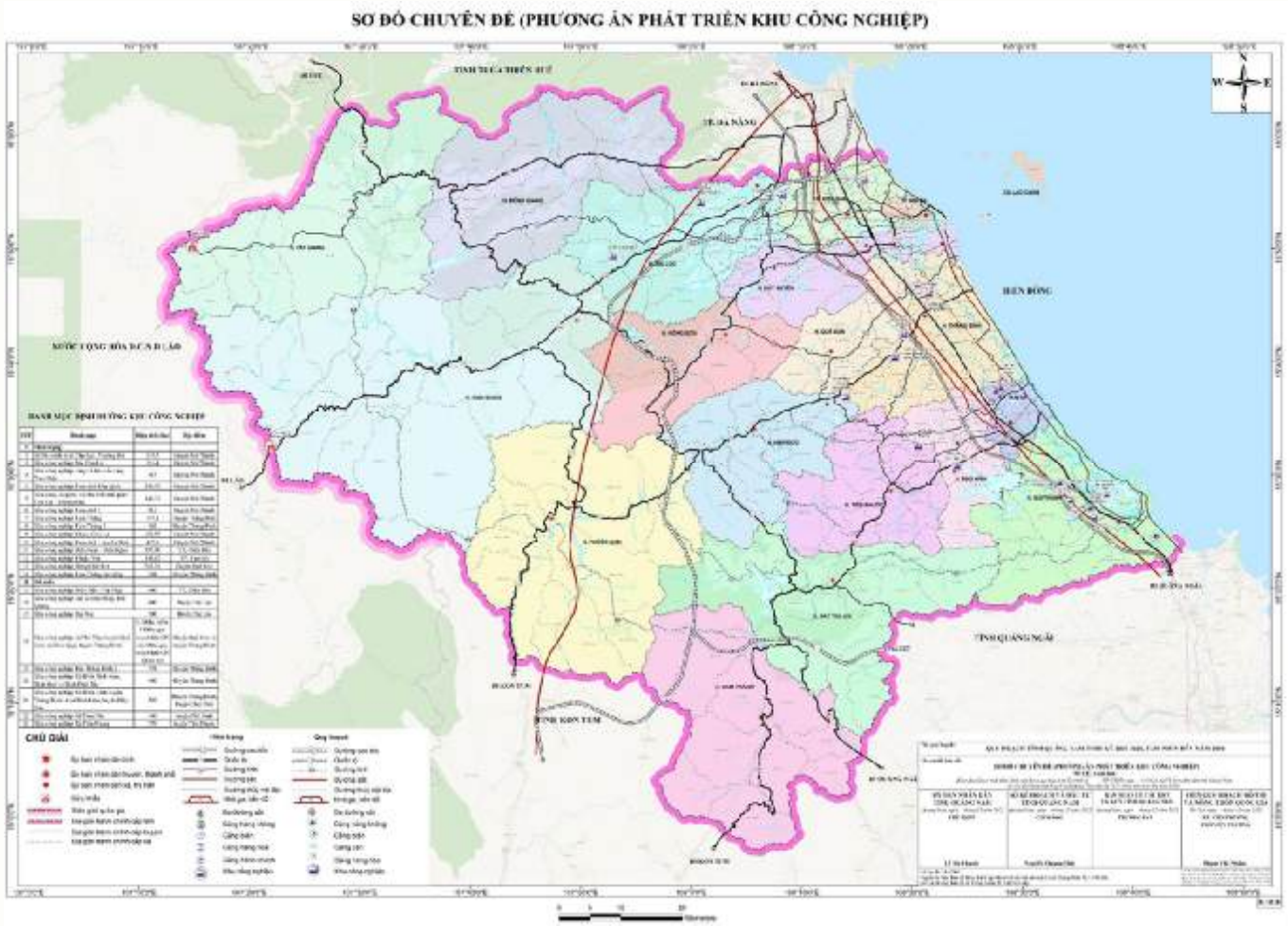
Investor selection is underway



II. 10 NEW INDUSTRIAL PARKS

(Quang Nam Before Merger)

No	Industrial Park Name	Area (ha)	Location
1	Phu Xuan Industrial Park	230	Phu Ninh District
2	Bac Thang Binh 1 Industrial Park	245	Que Son, Thang Binh
3	Bac Thang Binh 2 Industrial Park	770	Thang Binh District
4	Dien Tien Urban Service Industrial Park	400	Dien Ban Town
5	Dai Loc Industrial Park	600	Dai Loc District
6	Dai Son Industrial Park	300	Dai Loc District
7	Tay Que Son Industrial Park	1200	Que Son District
8	High-Tech Industrial Park 2	300	Thang Binh District
9	Industrial Park West of the Thang Binh district	400	Thang Binh District
10	Binh Lam - Binh Lanh Industrial Park	490	Hiep Duc, Thang Binh



Theo Quyết định số 72/QĐ/TTG ngày 17/01/2024 của Thủ tướng Chính phủ về phê duyệt quy hoạch tỉnh Quảng Nam thời kỳ 2021-2030, tầm nhìn đến 2050


THANK YOU FOR YOUR ATTENTION,
WATCHING AND LISTENING

APPENDIX I
LIST OF 99 HIGH TECHNOLOGIES PRIORITIZED FOR INVESTMENT AND DEVELOPMENT

No	Hi-tech	No	Hi-tech
1	**Artificial intelligence technology**.	11	**Bioinformatics technology**.
2	Internet of Things (IoT) technology.	12	Geoinformatics, applying in hydro-meteorological systems, oil and gas exploration and extraction, agriculture.
3	Big data and big data processing technology.	13	Technology for designing, integrating and optimizing telecommunications networks and systems in the national telecommunications infrastructure.
4	Blockchain technology.	14	Technology for designing and constructing rental information systems.
5	Virtualization technology, cloud computing, grid computing, edge computing, fog computing.	15	Technology for integrating systems of telecommunications technology and information technology.
6	Quantum technology.	16	BPO, KPO, ITO technology; certification of digital signatures; content creation automation; software testing automation.
7	Advanced cyber security and information confidentiality technology.	17	Aviation, space and remote sensing technology.
8	Digital twin technology.	18	Technology for designing and manufacturing micro and nano satellites.
9	Virtual reality, augmented reality, and mixed reality	19	Next-generation network technology (4G, 5G, 6G, NG-PON, SDN/NFV, SD-RAN, SD-WAN, LPWAN, IO-Link wireless, Network slicing, new generation optical network).
10	Building Information Model (BIM) technology.	20	Cognitive radio technology.

LIST OF HIGH TECHNOLOGIES PRIORITIZED FOR DEVELOPMENT INVESTMENT

No	Hi-tech	No	Hi-tech
21	New-generation television technology: encoding and decoding new-generation signals (H.265/HEVC, H.266/VVC); encapsulating and transmitting signals on the Internet platform, via next-generation telecommunications networks (4G, 5G, 6G); hybrid television (HbbTV); interactive television.	31	Intelligent human-machine interaction technology.
22	Technology for designing and manufacturing components, integrated electronic circuit (IC), flexible electronics (PE).	32	Hydro-sound technology.
23	Technology for designing and manufacturing high-resolution monitors.	33	Carbon capture and storage technology.
24	Technology for manufacturing embedded computers, servers and high-performance computing systems.	34	Photonics and light technologies.
25	Technology for developing operating systems for specialized computers and new generation of mobile devices.	35	Photovoltaics technology.
26	Technology for designing and manufacturing new generation intelligent terminal devices.	36	Hydrogen energy technology.
27	Technology for designing and manufacturing smart antennas, phase array antennas in frequency bands.	37	Power microgenneration technology
28	Technology for designing and manufacturing radar cross-ground.	38	Non-traditional Manufacturing (NTM) technology using ultrasound, spark, electrochemical and electrochemical, plasma, high pressure water jet, laser
29	Technology for designing and manufacturing equipment, software, solutions, platforms, services for digital government, digital economy, digital society, digital transformation in priority fields.	39	Technology for surface treatment and welding in special environments.
30	Technology for designing and building simulation systems for equipment and means of transport; Plant simulation.	40	Advanced forging and stamping technologies to create billets for mechanical products.

LIST OF HIGH TECHNOLOGIES PRIORITIZED FOR DEVELOPMENT INVESTMENT

No	Hi-tech	No	Hi-tech
41	**Advanced 3D printing technology**.	48	**Precision agriculture.**
42	New-generation drilling technology for oil and gas exploration.	49	Technology for designing and manufacturing control devices and power electronics converters for: renewable energy generating stations, intelligent power transmission; chemical industry and ore routes; electric vehicles; industrial electric drive systems; advanced civil electronic equipment; health; construction and agriculture.
43	Advanced oil, gas exploration and recovery.	50	Technology for designing and manufacturing advanced actuators, controllers, automatic monitoring and diagnostics for synchronous equipment systems in factories.
44	Advanced energy storage technologies.	51	Technology for designing and manufacturing high-performance electric machines: transformers 500kV and above, transformers GIS (Gas insulated Substation), digital transformers.
45	Advanced wind turbine technologies.	52	Technology for designing, manufacturing and integrating advanced robots, self-propelled equipment.
46	Power generation technologies using tides, waves, and geothermal heat; high energy density gas fuel storage; high-performance, large capacity renewable energy storage; fuel cells; Lithium battery with high performance, large capacity, longevity, safety and environmental friendliness; energy storage with super capacitors.	53	Technology for designing and manufacturing new-generation high-precision numerical control (CNC) machines.
47	Flexible manufacturing (FM), computer integrated manufacturing (CIM), intelligent manufacturing system (IMS).	54	Technology for designing and manufacturing advanced moulds with high precision and quality.

LIST OF HIGH TECHNOLOGIES PRIORITIZED FOR DEVELOPMENT INVESTMENT

No	Hi-tech	No	Hi-tech
55	Technology for designing, manufacturing, assembling and launching self-lifting rigs, semi-submersible drilling rigs for oil and gas exploitation and super-long and super-weight structures serving the oil and gas industry; specialized lifting equipment with large loads.	62	Technology for designing and manufacturing advanced measuring equipment and devices: Contactless, non-destructive and non-scattered measuring devices; LiDAR, inertial navigation system (INS) measuring equipment, high precision electronic compass; profile projectors; oscilloscope, spectrum analyzer, digital radiation meter.
56	Technology for designing and building large-sized ships and ships with complex properties.	63	Technology for designing and manufacturing advanced optical equipment systems: complex optical microscope; high-quality lenses, prisms, and contact lenses; high-powered laser-generating equipment (except laser diode); dedicated digital camera; new generation camera module.
57	Technology for designing and manufacturing equipment and rails system for cable-free elevators and cable-free elevators for construction.	64	Technology for designing and manufacturing intelligent systems and equipment for diagnosis, monitoring, treatment and health care of human.
58	Technology for designing and manufacturing new-generation agricultural machinery: new-generation cultivation, tending, harvesting and post-harvest machines; industrial scale food processing and storage equipment systems.	65	Technology for designing and manufacturing micro-electromechanical systems (MEMS), nano-electromechanical systems (NEMS), biological sensors, intelligent sensors and lab-on-a-chip systems (LOC).
59	Technology for designing and manufacturing intelligent education and training systems and equipment.	66	Synthetic biology, Molecular biology.
60	Technology for designing and manufacturing intelligent education and training systems and equipment.	67	Advanced biofuels; advanced biofuel production.
61	Technology for manufacturing automatic environmental pollution monitoring systems.	68	New generation microbiological technology.

LIST OF HIGH TECHNOLOGIES PRIORITIZED FOR DEVELOPMENT INVESTMENT

No	Hi-tech	No	Hi-tech
69	Industrial scale landless farming technology.	79	Molecular analysis and diagnosis.
70	New generation technologies in processing, processing and preserving agricultural products.	80	Technology for separating and extracting super clean active pharmaceutical ingredients.
71	Neurotechnologies	81	Technology for producing lyophilized tablets, controlled release tablets, lidose-applied capsules, epidemic drugs.
72	Regenerative medicine and tissue engineering.	82	Technology for manufacturing or producing monoclonal antibodies, proteins, recombinant enzymes.
73	Nuclear technology, radiation technology in industry, agriculture, health.	83	Technology for manufacturing antibacterial and antiviral equipment and materials for medical use.
74	Technology for treating hazardous medical solid waste by sterilization of low temperature, microwave, plasma.	84	Technology for preparing and manufacturing new generation vaccines, medical bio-products and diagnostic bio-products.
75	Next generation DNA sequencing technologies.	85	Technology for manufacturing and producing international standard microbiological preparations.
76	Stem cell technology used in tissue, organ regeneration, disease treatment; technology to treat diseases with immune cells.	86	Technology for manufacturing new-generation international-standard fertilizers, plant protection drugs, plant-growth regulators, reproduction hormone products for fishery.
77	Technology of multiplication and high quality tissue culture on an industrial scale.	87	Extraction technology for manufacturing super-clean materials on an industrial scale.
78	OMICS technology (Genomics, transciptomics, proteomics, metabolomics, metanenomics).	88	Upcycling polymers.

LIST OF HIGH TECHNOLOGIES PRIORITIZED FOR DEVELOPMENT INVESTMENT

No	Hi-tech	No	Hi-tech
89	Catalytic and adsorption materials technology.	95	High quality pre-cast non-metallic reinforced concrete technology.
90	Technology for physical deposition from vapor phase (PVD) and chemical vapor deposition (CVD).	96	Technology for 500-kA aluminum electrolysis.
91	Advanced nanomaterial technology, nano-coating.	97	Advanced materials manufacturing technology: materials for manufacturing micro-electromechanical components and smart sensors; semiconductor, optoelectronic and photonic materials; invisible materials; self healing materials; magnetic materials; advanced 3D printing materials; super durable, super light materials; materials, equipment in constant and permanent contact with fluid, bone, tissue, or blood; biomedical materials; advanced polymer materials and high-quality polymeric substrates; polymer materials that are self-biodegradable and environmentally friendly; high-tech ceramic and ceramic materials; high-performance fiber materials, special fiberglass, carbon fiber; functional materials.
92	Nanotechnology in manufacturing.	98	Technology for manufacturing high-class and environment-friendly special-use paints.
93	Technologies for the production of pure metals, special alloys.	99	Technology for manufacturing high-grade technical rubber, specialized synthetic rubber for machine manufacturing, power, electronics, security and national defense.
94	Technology for inhibiting metal corrosion in marine environments and special industrial processes.		

PPENDIX II
LIST OF HI-TECH PRODUCTS ENCOURAGED FOR DEVELOPMENT

No	Hi-tech products	No	Hi-tech products
1	Systems, equipment, software, identity analysis, prediction and control based on artificial intelligence.	10	Service of designing and optimizing telecommunications networks and systems in the national telecommunications infrastructure.
2	Equipment, modules, software, platforms, loT integration solutions and IoT platform services.	11	Service of consulting, designing and leasing information technology systems.
3	Equipment, software, solutions, and services of blockchain technology.	12	Service of integrating and managing systems of telecommunications technology and information technology.
4	Equipment, software, solutions, virtualization services, system integration services, cloud computing, edge computing, fog computing.	13	Services of BPO, KPO, ITO; certification of digital signatures; content creation automation; software testing automation.
5	Advanced equipment, software, solutions and services to ensure network security and safety and information confidentiality.	14	Software, equipment, solutions, and services of software testing automation.
6	Smartcards and smartcard readers.	15	Satellites, small satellites, micro satellites and satellite equipment; satellite equipment and transceiver station; flying equipment; flight control system.
7	Devices, software, solutions, and services in virtual reality, augmented reality, and mixed reality.	16	Global positioning system and equipment.
8	Building Information Model (BIM).	17	Next-generation network technology (4G, 5G, 6G, NG-PON, SDN/NFV, SD-RAN, SD-WAN, LPWAN, IO-Link wireless, Network slicing, new generation optical network).
9	Biomedical processing software, information database.	18	Cognitive radio equipment, software and solutions.

LIST OF HI-TECH PRODUCTS ENCOURAGED FOR DEVELOPMENT

No	Hi-tech products	TT	Hi-tech products
19	New-generation signal encoding and decoding equipment, modules and software (H.265/HEVC, H.266/VVC); equipment for encapsulating and transmitting signals on the Internet platform, via next-generation telecommunications networks (4G, 5G, 6G); hybrid television equipment and systems (HbbTV), interactive television.	29	Equipment, software, solutions, platforms, services for digital government, digital economy, digital society, digital transformation in priority fields.
20	IC design and IP core.	30	Non-traditional Manufacturing (NTM) equipment and solutions using ultrasound, spark, electrochemical and electrochemical, plasma, high pressure water jet, laser.
21	Components, integrated electronic circuit (IC); flexible electronic circuit (PE) products.	31	Equipment and solutions for surface treatment and welding in special environments.
22	High-resolution displays.	32	Advanced 3D printing equipment, software and solutions.
23	Embedded computers, servers and high-performance computing systems.	33	New generation drilling systems and equipment in oil and gas exploration.
24	Operating systems for specialized computers and new generation of mobile devices.	34	Power generation systems using tides, waves, and geothermal heat.
25	New-generation smart terminal devices.	35	High efficiency and environmental friendly photovoltaic (PV) panels.
26	Smart antennas, phase array antennas in frequency bands.	36	High energy density gas fuel storage systems and equipment.
27	Ground-penetrating radar equipment.	37	High capacity, large capacity renewable energy storage systems and equipment.
28	Equipment, software, solutions, platforms, services for digital government, digital economy, digital society, digital transformation in priority fields.	38	Fuel cells; high-performance, large capacity, long-life, safe and environmentally friendly battery and Lithium battery pack; power storage using super capacitors.

LIST OF HI-TECH PRODUCTS ENCOURAGED FOR DEVELOPMENT

No	Hi-tech products	No	Hi-tech products
39	Advanced electrolyte and electrolyte membrane for fuel cells.	49	New generation high-precision computer numerical control (CNC) systems, machine tools, and equipment.
40	Optimal control system, structure and mechanism for efficient fuel supply, oxygen and heat management for fuel cells.	50	Advanced moulds with high precision and quality.
41	Equipment, lines, systems, software, manufacturing solutions for flexible manufacturing system (FMS), computer integrated manufacturing (CIM) and intelligent manufacturing system (IMS).	51	Self-lifting rigs, semi-submersible drilling rigs for oil and gas exploitation and super-long and super-weight structures serving the oil and gas industry; specialized lifting equipment in large loads.
42	Digital protection equipment, equipment to ensure the quality of electricity in the power system.	52	Large ships, ships with complex features.
43	Control equipment, high-performance electronic conversion equipment for: renewable energy generating stations, intelligent power transmission; chemical industry and ore routes; electric vehicles; industrial electric drive systems; advanced civil electronic equipment; health; construction and agriculture.	53	Equipment and rails system for cable-free elevators and cable-free elevators for construction.
44	High-performance wireless charging stations and equipment.	54	New-generation cultivating, tending, harvest and post-harvest machinery.
45	Advanced actuators, controllers, automatic monitoring and diagnostics for synchronous equipment systems in factories.	55	Systems of equipment for industrial-scale food processing and preservation.
46	High-performance electrical machines: transformers 500 kV or higher, transformers GIS (Gas Insulated Substation), digital transformers.	56	Intelligent education and training systems and equipment.
47	Advanced robot, advanced robot integration system.	57	Equipment for smart grid.
48	Self-propelled equipment.	58	Automatic environmental pollution monitoring systems.

LIST OF HI-TECH PRODUCTS ENCOURAGED FOR DEVELOPMENT

No	Hi-tech products	No	Hi-tech products
59	Contactless, non-destructive and non-scattered measuring devices.	71	New-generation DNA sequencing products and solutions.
60	LiDAR, inertial navigation system (INS) measuring equipment, high precision electronic compass.	72	Cells, tissues and replacement organs made up of stem cells; treatment with stem cells and immune cells.
61	Profile projectors.	73	High quality products from cell multiplication and culture on an industrial scale.
62	Digital oscilloscopes, spectral analyzers and digital radiation meters.	74	Systems and equipment for molecular analysis and diagnosis.
63	Complex optical microscopes.	75	Super clean active pharmaceutical ingredients.
64	High-quality lens, prisms, contact lenses.	76	Lyophilized tablets, controlled release tablets, lidose-applied capsules, epidemic drugs.
65	Large-capacity laser machines (except laser diodes).	77	Monoclonal antibodies, proteins, recombinant enzymes.
66	Dedicated digital camera, new generation camera module.	78	Antibacterial and antiviral equipment and materials for medical use.
67	Intelligent systems and equipment for diagnosis, monitoring, treatment and health care of human.	79	New generation vaccines, medical bio-products and diagnostic bio-products.
68	Micro-electromechanical systems (MEMS), nano-electromechanical systems (NEMS), biological sensors, intelligent sensors and lab-on-a-chip systems (LOC).	80	International standard microbiological preparations.
69	Advanced biofuel preparations.	81	International-standard new-generation fertilizers and plant protection drugs.
70	Industrial, agricultural and medical equipment using nuclear technology and radiation technology.	82	New-generation international-standard plant-growth regulators, reproduction hormone products for fishery.

LIST OF HI-TECH PRODUCTS ENCOURAGED FOR DEVELOPMENT

No	Hi-tech products	No	Hi-tech products
83	High-purity materials manufactured by extraction technology on an industrial scale.	96	Self healing materials.
84	Upcycling polymers.	97	Advanced magnetic materials.
85	Catalytic, absorbent materials.	98	Advanced 3D printing materials, environmentally friendly.
86	Products covered with membranes manufactured by physical vapor deposition (PVD) and chemical vapor deposition (CVD).	99	Super-durable, ultra-light and environment-friendly materials or materials for use in harsh environments.
87	Advanced nano-materials, nano-coating.	100	Materials, equipment in constant and permanent contact with fluid, bone, tissue, or blood.
88	Nanotechnology products and equipment.	101	Advanced polymer materials and high-quality polymeric substrates used in harsh environments, resistant to tropical climates.
89	Pure metals, special alloys with high strength.	102	Bioplastics, biodegradable polymers from renewable and biological materials.
90	Systems and materials that inhibit metal corrosion under special climatic conditions and industrial processes.	103	Ceramic materials, technical ceramics for electric, electronic and machine building industries.
91	High quality prefabricated non-metallic reinforced concrete.	104	High performance fiber, special glass fiber, carbon fiber.
92	Aluminum metal produced by electrolysis technology with current of 500 kA.	105	Functional materials.
93	Materials for making micro-electromechanical components and smart sensors.	106	Environment-friendly high-class special-use paints.
94	Semiconductor, optoelectronic and photonic materials.	107	Special-use technical rubber and synthetic rubber materials for machine building, electricity industry, electronics, national defense and security.
95	Invisible materials.		