

DA NANG NEW SILICON VALLEY IN VIET NAM

“Semiconductor industry and AI are the main driving force to promote breakthrough development of Da Nang City in the coming time”



THE DEVELOPMENT OF DA NANG'S SEMICONDUCTOR INDUSTRY IS CLOSELY LINKED WITH THE GROWTH OF ITS ELECTRONICS INDUSTRY, DIGITAL TRANSFORMATION AND THE DEVELOPMENT OF SMART CITY, BASED ON R&D AND INNOVATION, WITH A PRIORITY ON IC DESIGN, CHIP TESTING AND PACKAGING.



Target 2030

5,000 semicon engineers
(2000 IC designers, 3000 ATP engineers/technical workers)

3,000 AI engineers

20 IC design companies

01-02 ATP companies



Typical semiconductor companies in Da Nang City

SYNOPSYS®

MARVELL™

FPT Semiconductor

viettel
high tech

RENESAS

SANEI HYTECHS co.,ltd.

SAVARTI

Acronics Solutions

Uniquify™
engineer ai™

miXel™
Mixed-Signal Excellence

Quest
global

HIGH-QUALITY HUMAN RESOURCES



IT Training institutions

Number of training institutions **38**

Annual graduates **6,500**



International cooperation

Oregon State University

ASU
ARIZONA STATE UNIVERSITY

TSRI
台灣半導體研究中心
Taiwan Semiconductor Research Institute



Da Nang Semiconductor and AI training alliance

DSAC
Shaping your future in the Silicon Beach



VKU



FPT Education
FPT UNIVERSITY

DTU
DUY TAN UNIVERSITY



Diverse training programs

Undergraduate and postgraduate programs

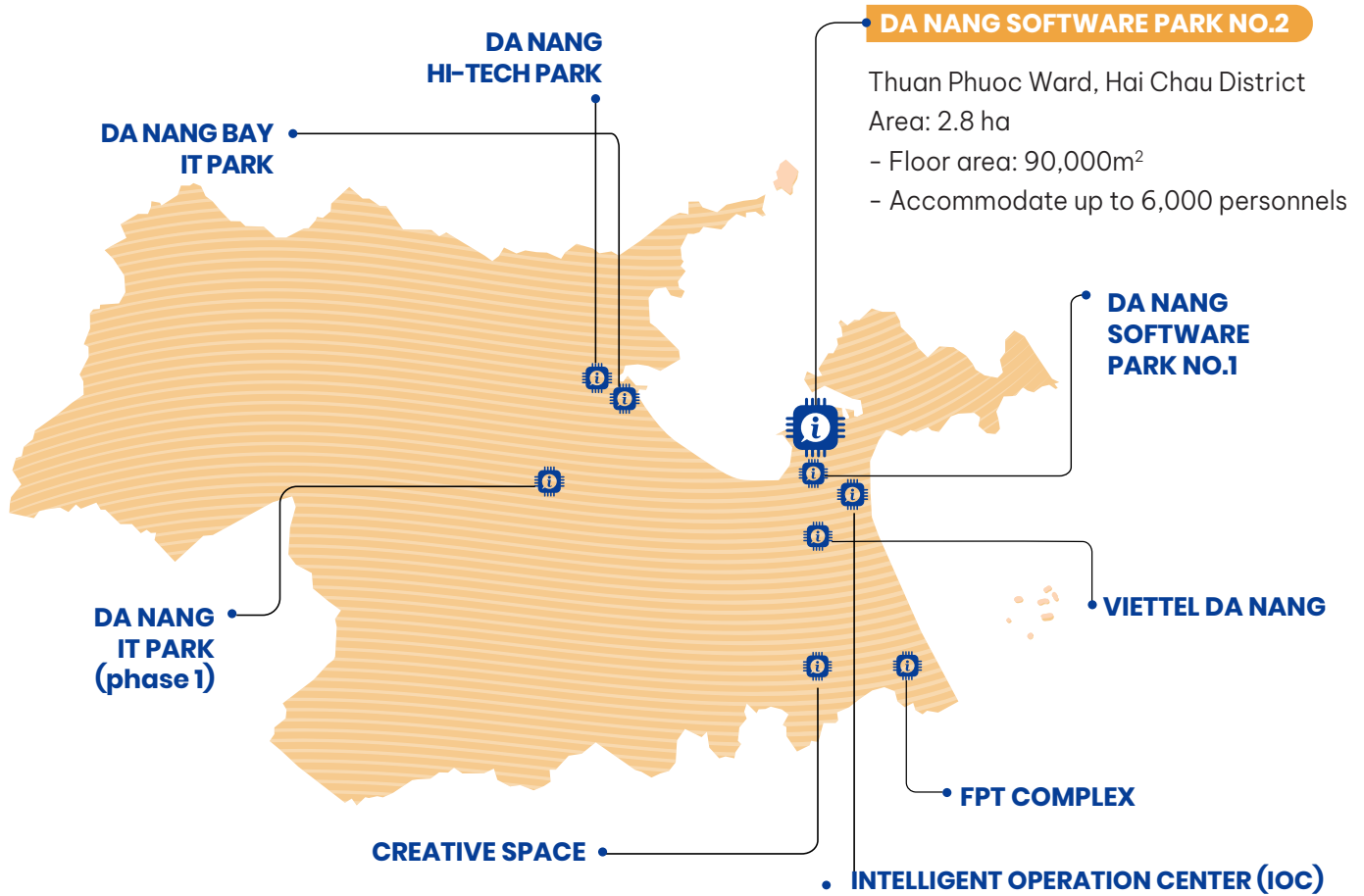
Train-the-trainer programs

Upskilling and reskilling programs

STEM programs

ROBUST INFRASTRUCTURE

IT INFRASTRUCTURE



Power supply

- 15 substations (110kV) – capacity 1,331 MW
- 4,873 load substations – capacity 2,341 MW
- **Software Park No. 2:**
3 substations (110kV) – capacity 57 MW
- **Da Nang Hi-tech Park:**
2 substations (110kV) – capacity 57 MW



Connectivity infrastructure

- 02 SMW and APG fiber optic routes, total capacity of 55.13 Tb/s
- North-South transmission lines with a total current capacity of 14.2 Tb/s



Data centers

- Da Nang Data Center: 115 TB (500 sqm, 34 racks, Tier-III)
- VNPT Data Center: 800 sqm, 100 racks, Tier-III)
- CMC Data Center: (200 sqm, 11 racks, Tier-III)
- Viettel Data Center: (100 racks)
- Software Park No.2: (Scheduled 800 sqm, 80 racks)



SPECIAL INVESTMENT INCENTIVES FOR STRATEGIC INVESTORS AND STRATEGIC PARTNERS



Chip design (fabless companies)



Suppliers of manufacturing equipment & materials



ATP (foundries)



AI services and solutions providers

STRATEGIC INVESTORS



Charter capital

> 500 billion VND (20 million USD)

Having experience in investing in a similar project with total investment capital

>1,000 billion VND (40 million USD)

List of business lines



Innovation centers, data centers, R&D centers associated with training



Researching and supporting technology transfer in the fields of IT and AI



Biotechnology
Automation technology
New material technology
Clean energy

Investment capital of more than
2,000 billion VND (80 million USD)



Charter capital

> 1,000 billion VND (40 million USD)

Having experience in investing in a similar project with total investment capital

>2,000 billion VND (80 million USD)

List of business lines

Semiconductor chip technology

Integrated Circuit (IC) Chips

Manufacturing of components and microchips

Flexible electronics

New battery technologies

New materials

Defense industry

Hi-technologies and high-tech products approved by the Prime Minister

Investment capital of more than
2,000 billion VND (80 million USD)



INVESTMENT INCENTIVES FOR STRATEGIC INVESTORS



Being allowed to lease land without going through auction for land use rights or investor selection bidding



The competent authority shall agree in principle on the investment proposal and grant decision of in-principle acceptance of the investment project not going through auction for land use rights or investor selection bidding



Being allowed to select to pay land rental on lump-sum basis for the whole lease term



Being entitled to priority treatment for customs procedures and tax procedures for exported and imported goods of the project



Being allowed to include 150% of actual research and development (R&D) expenses as deductible costs for determining taxable income when calculating corporate income tax

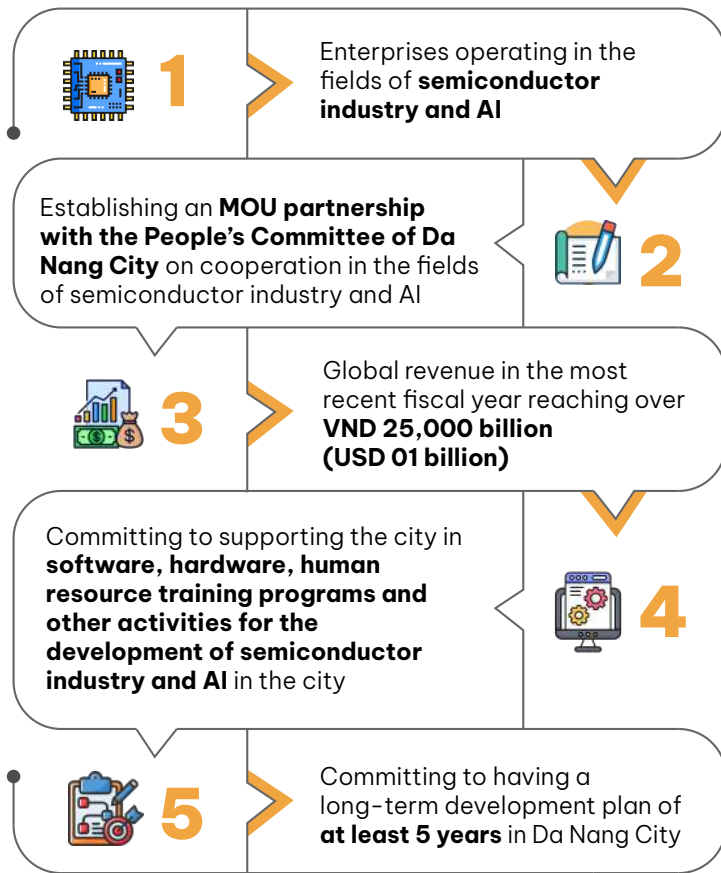


Being supported up to 5% of the total cost of purchase of equipment for production, costs of relocating properties, production lines, equipment, technologies and costs of new investment projects by the State



Being entitled to incentives related to tax rates; tax exemption and reduction; land rents ... when investing in Da Nang Hi-tech Park

STRATEGIC PARTNERS



INCENTIVES FOR STRATEGIC PARTNERS

Being allowed to directly lease ICT infrastructure assets without going through auction process

Being directly appointed as suppliers of specialized equipment for the State

Being supported up to 5% of the total cost of purchase of equipment for production, costs of relocating properties, production lines, equipment, technologies and costs of new investment projects by the State

Being supported part of the cost of hiring highly qualified talents by the State



GENERAL INCENTIVES

Corporate Income Tax	Tax exemption for a period of 05 years for innovation activities
Personal Income Tax	Tax exemption for a period of 05 years for incomes from salaries, wages for experts, scientists, talents, individuals working in the fields of design, production, packaging, testing of semiconductor industry and AI
M&A of enterprises in the fields of innovation, semiconductor industry & AI	PIT exemption for individuals, CIT exemption for organizations with income generating from the transfer of shares, contributed capital, the right to contribute capital in enterprises operating in the fields of innovation, semiconductor industry and AI (not yet IPO) for 5 years from the time of capital contribution activity
Being supported the cost for developing start-up projects by the State	<ul style="list-style-type: none"> Organizing project selection activities Hiring expert Direct labor wages Support services Expenses for use of technical establishments, incubators, and co-working areas Expenses for incubating, R&D, perfecting technology, launching product trial
Being supported to develop the workforce by the State	<ul style="list-style-type: none"> Supporting the cost of training and upskilling for learners Supporting the cost for remuneration of income and accommodation expenses for experts and scientists