Contact Taiwan
Invest Taiwan
Bravo Taiwan







### Taiwan - Your Best Choice





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## Why Taiwan



**#1 Entrepreneurship**World Economic Forum

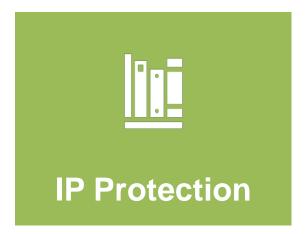
**#1 New Product Dev.**World Economic Forum

#3 Low Investment Risk 2016 BERI Report



49% bachelor's degrees or higher of total population

12.95 % Researchers of total workforce



International Standards
Observed by IP Regulations

IP Police dedicated to enforcement

**Trade Secrets Protection** 

**IP Protection Respect** 



## Industrial Clusters



Taipei—Kaohsiung
1.5 hrs. by High Speed Rail

Nankang Software Park
ICT Design / Digital Content /

**Biotechnology** 

Changhua Coastal Park

Metal Products / Metal Coating

Recycling / Green Energy/ Glass

Kaohsiung Linhai, Dafa Industrial Park, and Software Park

Petrochemicals / Steel / Cruise & Ship making/ Metal Processing / Precision Machinery / IC /

**Optoelectronics / Communications /** 

**Environmental Protection Tech** 

**Hsinchu Science Park** 

IC manufacturing /

**Optoelectronics / Biotechnology** 

Central Taiwan Science Park
Semiconductor / Optoelectronics /
Biotechnology / Precision
Machinery

Southern Taiwan Science
Park/
Tainan, Liuying, and
Yongkang Technology
Industrial Park

Optoelectronics / Environmental Protection Technology / Automotive

Parts / Precision Machinery



## 16 Cutting-Edge R&D Institutes

Biotechnology Center



Textile Research Institute



Institute for Information Industry



Metal Industries R&D Center





Industrial Technology Research Institute



Automotive Research & Testing Center



Plastics Industry Development Center



China Productivity Center



## Investment Incentives

## R&D Guidance and Subsidies

- Encouragement of Enterprises to set up R&D Centers
- Small Business Innovation Research (SBIR)
- Proactive Technology R&D Program

- Integrated R&D Program
- Global Innovation and R&D Partnership Program

## 2 Special Zones Incentives

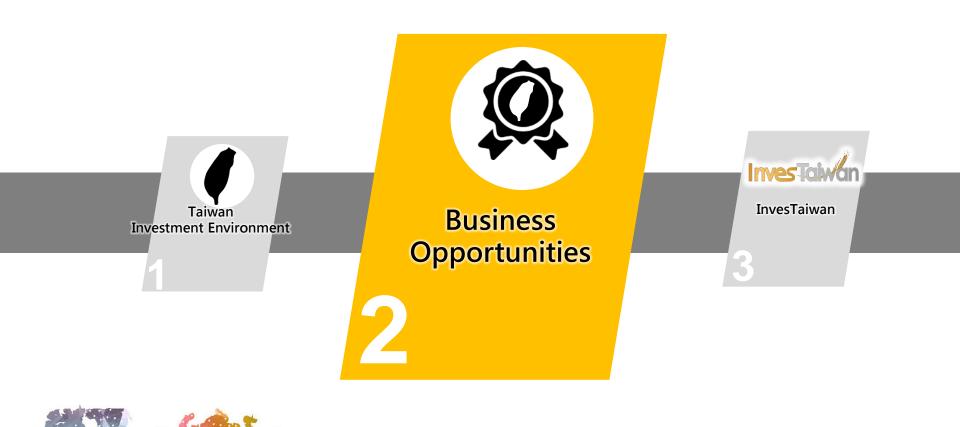
- Free Trade Zones (FTZs)
- Science Industrial Parks
- Agriculture Technology Parks
- Export Processing Zones (EPZs)
- Industrial Parks

### **3** Global Talent Incentives

- Act for the Recruitment and Employment of Foreign Professionals
- 4-in-1 Employment Gold Card
- Easing work permit, visa and residency rules
- Easing rules for stay of parents, spouses and children



## **Business Opportunities**







## **Key Innovative Industries**



Asia. Silicon Valley



Smart Machinery



Bio-Pharmaceuticals



Green Energy



National Defense



Circular Economy



New Agriculture



Other Important Industries



### Asia • Silicon Valley | IoT Business Opportunities



Smart Street Lighting &
Smart Roadside
Parking Solutions



Smart Modification of Old Buildings & Public Housing Innovation



Smart Manufacturing

Develop Industry 4.0
National Team to
achieve
Technological
Independence



**Smart Medical** 

Smart Healthcare
Platform
&
Smart Medical
Solutions



Smart Agriculture

UAV Monitoring &
IoT Agricultural
Technology



Smart Business

Smart Retail &
Smart Business
Community



Smart Logistics

Intelligent Cold Chain Management



Smart Grid & Environmental Monitoring



### Smart Machinery Investment opportunities







- **Digital Simulation & Analysis**
- **Product Lifecycle** Management
- **Big Data Analysis**
- **Machine Learning**
- **Artificial Intelligence(AI)**

- **Smart Sensor**
- **Industrial & Service** Robot
- Semiconductor FEOL & **Advanced Packaging**
- **Addictive Manufacturing**
- **Aerospace Machine**
- **Tool & Advanced** Controller

- **Cross-sensing & Controlling Device**
- **Production Facilities & Production Lines**
- **Integrated Smart Factory Solution for Operational** Information

### **Cooperation Modes**

**Business Partnership** 

**R&D** and Design

**Production & Manufacturing** 

**Market Development & Marketing** 

investment, joint venture, M&A, equity participation

R&D, technology transfer, turn-key development

**ODM**, **OEM** parts supply

brand & channel, turnkey transfer, agent & sales



## Investaiwan Bio-Pharmaceuticals | Hub of Asia by 2025

**US\$** 33

**20** 

billion output

new drugs

niche devices sold in overseas markets

successful brand names

#### **Promote Specialized Key Industries**

- **Precision medicine**
- **World-class specialty clinic** clusters
- **Healthy lifestyle industry**

#### **Connect Global Market** Resources

- Global deployment
- The "New-Southbound" national strategy

#### **Establish Comprehensive Ecosystem**

Innovation capabilities enhanced by better talent, capital, topic selection, intellectual property, laws and regulations, and resources

### **Integrate Innovation Clusters**

**Drug development accelerated** and industry output increased by integrating local unique medical device and drug clusters

### The Nuclear-Free Homeland initiative will drive US\$ 60 billion investment.

### Solar power goals

**July 2016 - Jun 2018** to increase capacity by

1,520 MW

Rooftop / Ground-mounted: 1,055 MW / **465MW** 

2020-2025 total capacity from 6.5 GW to

**20 GW** 

Rooftop / Ground-mounted: 3 GW / 17 **GW** 

### Wind power goals

by 2025 capacity to add up to

6.7 GW

Onshore / Offshore: 1.2 GW / 5.5 GW

## Investaiwan Green Energy | Solar Power

strategy

### **Begin with rooftop panels**

installed on buildings owned by Central Government, on factories, agricultural infrastructure, and others

goals

**Short-term target** 

Two-year solar energy program Jul 2016 – Jun 2018

1,520

rooftop | ground-mounted 1,055 MW| 465 MW

**Green energy rooftop program** 2018 - 2020

**2 GW** 

rooftop

### Large-scale ground-mounted panels

installed on salt farm, areas of severe land subsidence, water (reservoirs, detention pools, ponds, fishing ponds) and landfills

Mid/long-term target

Mid/long-term promotional plan

2020

2025

6.5 GW **20 GW** 

rooftop | ground-mounted 3 **GW** 17 GW

#### **Current status**

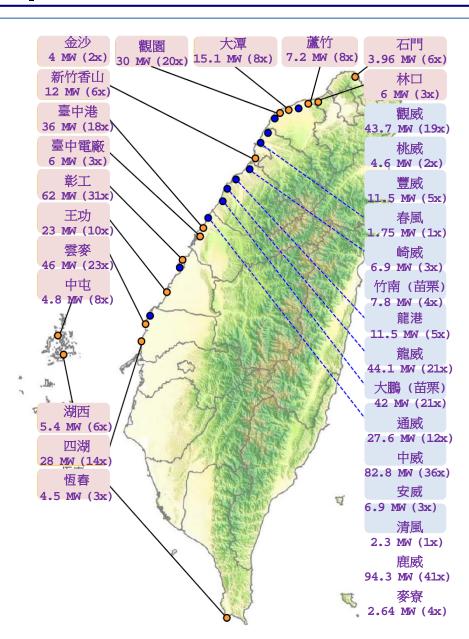
**Existing units:** 

State 169 units / 294 MW

**Private** 178 units / 390 MW

Total 347 units / 684 MW State-run

**Private-owned** 



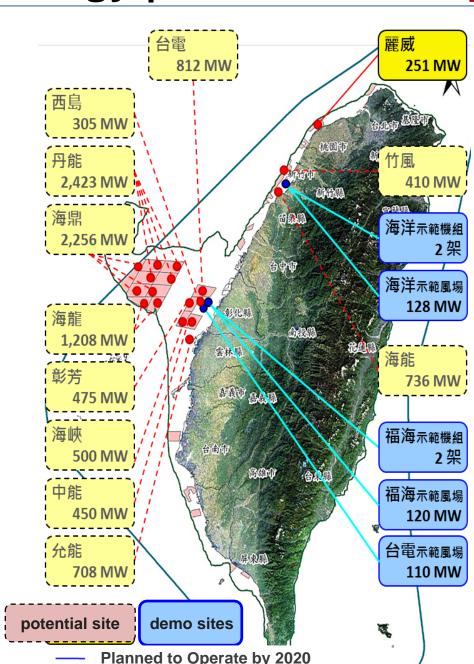


## Investaiwan Green Energy Offshore wind power,

### Current status

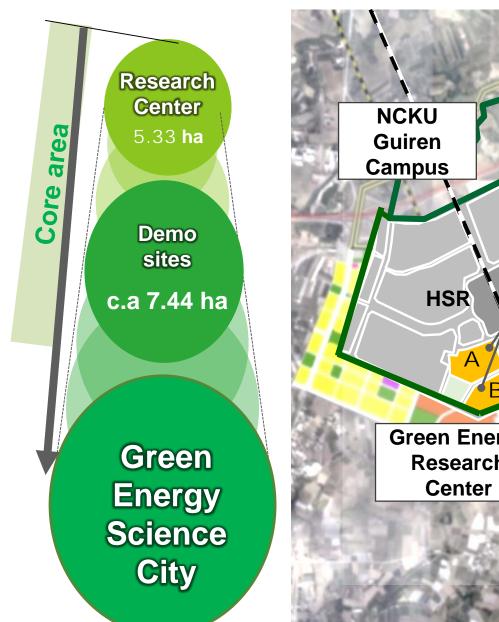
Completed units: Two units (8MW) are under test run.

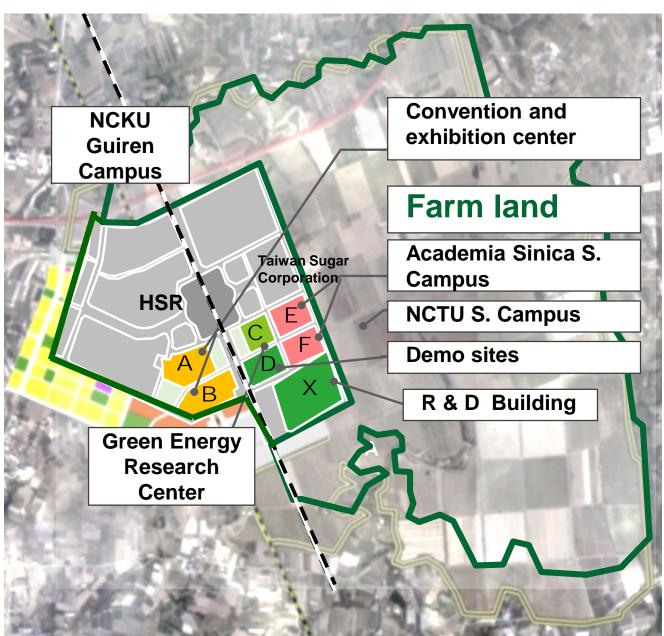
By the end of 2020 **Accumulated 520 MW** 





## Investaiwan Green Energy Shalun Green Energy Science City







## Investaiwan National Defense Procurement Projects

- **US\$ 2.2 bn (2017 2028) for advanced trainers**
- US\$ 549 mn for surface crafts
- Future related businesses amounts to US\$ 8.3 bn





**Vehicles** 



**Machines** 



**Materials** 



**Electronics** 

Radar/ Communication system / Flat panel display / Remote

sensing

Lightweight structure/ **Smart onboard** network system

Precision processing/ **Automated** machines

Lightweight, high-strength composite material/ Aluminum alloy/ Titanium alloy

Turbine engine/ Composite yachts Hulls

Ships

## Investaiwan Circular Economy Opportunities

**Exploration** 

>Manufacturing

**Distribution** 

**Consumption** 

**Disposal** 

#### **High-Value & Green New Materials**

US\$3.3 bn investment **US\$10** bn output

**US\$40** bn related output

- 35 high-value new materials
- 20 green new materials

### Recycle

### 6,000 KG / month

rare-earth element metals disposed but little has been processed & collected

- Taiwan tops the world in recycling industrial and general waste
- Recycled PET bottles, coffee grounds, etc. can become fabric for cloths

100 million YouBike trips



Textile made by coffee grounds



TSMC recycled 95%



Clothes made of recycled materials





## New Agriculture | Vision

## Agri-Tech Clusters

- Set up Pintung Agricultural Biotechnology Park
- Push for high-value agriculture

## Processing Bases

- Establish six processing bases across Taiwan
- Achieve excellence by working with international partners

### "Southbound" Strategy

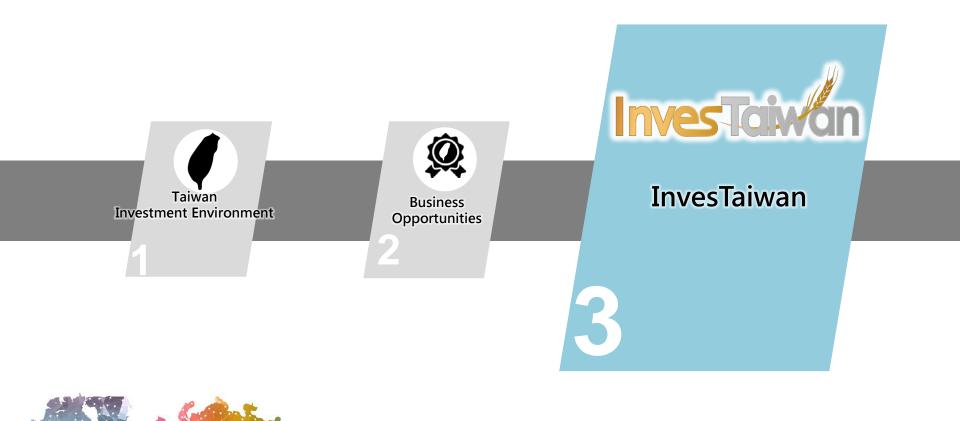
 To work with Southeast Asian partners in terms of better farming, animal (and aquatic) vaccines, feed and additives, bio-organic fertilizer, and pesticides

Taiwan Intl.
Agricultural
Development
Co.

 To facilitate stable contractual relationships between farmers and producers and to boost the export of agricultural produce and equipment

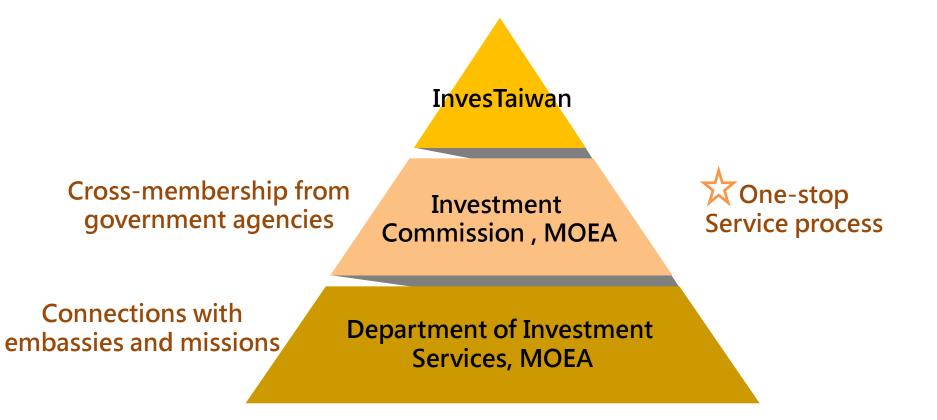


## **InvesTaiwan**



Taiwan - Your Best Choice







## InvesTaiwan

# Industry Promotion Office

- Technology R & D
- Industrial cooperation
- Professional Consulting
- New product development

### **Property**

- Industrial Parks
- Science Parks
- Export areas
- Non-park industrial land
- Industrial Zones



Customized Single-Window

# Professional Consulting Associations

- Tax
- Legal
- Accounting
- Engineering
- Environmental Protection

# **Competent Authority**

- •Investment obstacles
- •Site Research
- Water/Electricity Usage
- Application Process











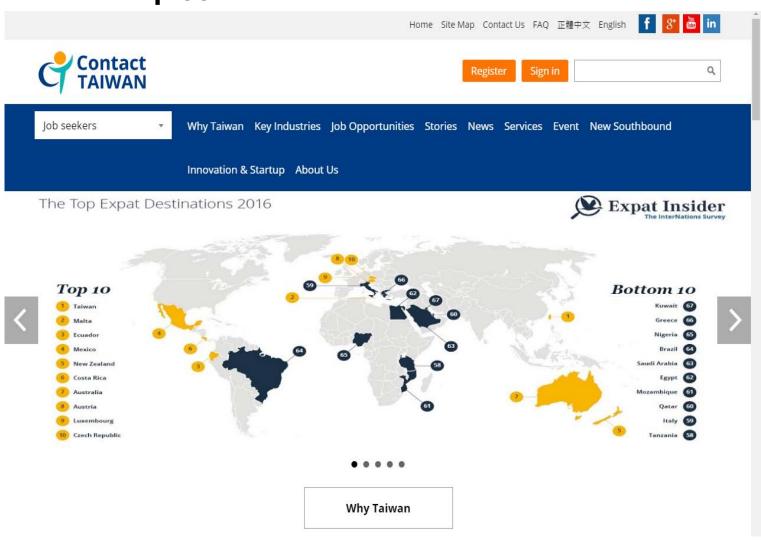
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