Introduction of Taiwan New Economic Policy

The Five Innovative Industries

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http://www.cier.edu.tw/mp_en.asp
Well-connected High-Tech Clusters and Science Parks in Taiwan

- Hsinchu Science Park
- Central Taiwan Science Park
- Taichung
- Tainan
- Kaohsung
- Southern Taiwan Science Park
- Nankang Software Park
- Taipei Wireless City
- Kaohsiung Software Technology Park
- Chiayi Industry Innovation and Research Center
- Southern Taiwan Innovation & Research Park, MOEA
- Taipei
- Hsinchu
- Taichung
- Tainan
- Kaohsung
- Kaohsiung Cyber City
- Taiwan High Speed Rail
A New Paradigm to Prosperity
Five Innovative Industries

- **Link Global**
  Strengthen the synergy of talent, capital and market across countries

- **Link Future**
  Unleash the potential of next-generation industries

- **Link Local**
  Resolve social demands, capitalize local advantages

New Developmental Models and Innovation Trajectories

- **Green Tech & Sustainable Energy**
- **Biotech & pharmaceutical industry**
- **The “Asian Silicon Valley” initiative**
- **Smart machinery industry**
- **Defense industry**
Goals
- Meet domestic power demands
- Escalate sustainable energy technology
- Lower pollution / Environment protection

Advantages
- Diversified environment to be test fields of multiple green-tech development.
- Various options of energy resources (solar, wind, geothermal heat, ocean current)

Plans
- Local R&D park and industrial clusters
- Link international advanced companies
- Amending the electricity law and regulations
Biotech & Pharmaceutical Industry

**Goals**
- “Asia-Pacific R&D Center of Biomedical Industry”
- Improve Quality of Domestic Health and Caring for Aging People

**Advantages**
- Excellent Medical Research Institutes
- Great Clinical Environment
- Critical Biotech Technologies
- International Pharmaceutical Value Chain

**Plans**
- Four Biomedical Clusters
  - **Taipei** - Basic and Applied Research
  - **Hsinchu** - Devices and Reagents
  - **Taichung** - Inspection Instrument
  - **Tainan** - Bones and Dental

Strengthen links between Taiwan and international hubs

- Talent
- Tech
- Funds
- Legislation
- Biotech & Pharmaceutical Center in the World
- United States (Boston, the Bay Area, San Diego)
- Switzerland
- Belgium
- Sweden
- Netherlands
Smart Machinery Industry

**Goals**
- “Global Metropolitan for Smart Machinery.”
- Upgrade and Transformation of all industrial sectors.
- Increase jobs and exports.

**Advantages**
- Internationally famous machinery industrial cluster. (tool machines, panel, critical components)
- Experience and engagement in ICT and IoT

**Plans**
- Platforms of critical resources to establish alliances.
- Link to advanced sectors, such as aero and robot industries.
- Global Integrative CPS.
Goals

- Leverage military purchase to stimulate industrial transformation.

Advantages

- Large and high frequency military demands provide multiple test fields.
- Dedicated Defense S&T Research Institute and supply chain.

Plans

- Link civil talents and resources and international cooperation.
- Aims on future needs: UAV, Submarine, and Information/Internet security.

National Defense Strategy

Military Equipment Demands

Defense Industry Strategy

S&T Development Direction

Domestic Purchase

International Cooperation
The “Asian Silicon Valley” initiative

Goals
- Develop IoT Industry to achieve Smart City and Smart Manufacturing.
- Build Ecosystem to support Innovative Startup.

Advantages
- Well-practiced ICT skills and rising innovative milieu.
- Distinguished cooperation between Ind.- Acad.- Govt.
- Flexible division of labor and supply chains.
- Link international creative communities to foster Local R&D ecosystem.
- Build up local IoT value chain.
- Present solution in demo sites.

Plans
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Taipei
New Taipei
Hsinchu
Taiwan's New Southern Policy: Extending Economic Cooperation

**Target Markets:** ASEAN, Australia, New Zealand

**Vision:** Participate the Development of Asian Economic Community

- **Linkage**
  - Industrial Integration
  - Infrastructure and Markets

- **Reciprocity**
  - Education, Skill Training, and Human Resources

- **Cooperation**
  - Culture, Technology, SMEs
  - Agriculture, Medicine,

- **Sharing**
  - Regional Integration, Strategic Alliance

**Additional Elements:**
- Diversified Exchange
- Enduring Contact
- True Reciprocity
Based on the Technology to Resolve the demands of Society, and Develop National Industry.

Thank you for Your attention.

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