Collaboration between Government and Industry to Fabric the Blue Ocean of Novel ICT Applications

### WA! M-Taiwan Sailing into the Future

(WiFi/WiMAX Applications)





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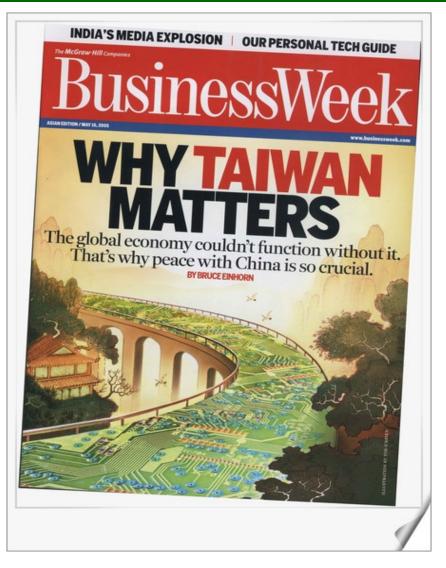
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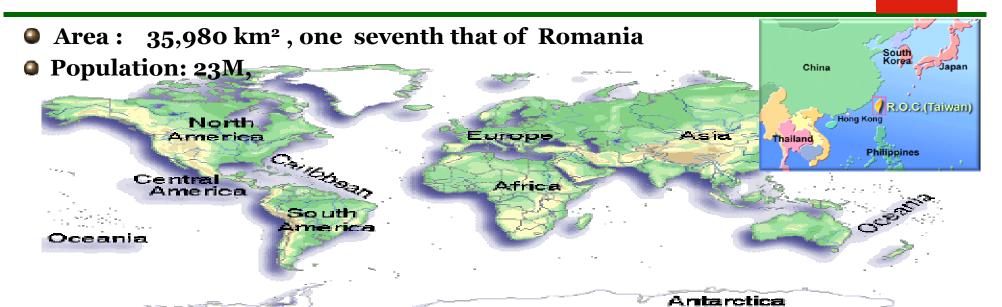
# TAIWAN

- Introduction
- What, Why and How?
- Conclusion





### Taiwan - "Formosa"



Enchanting Scenery and Culture
Limited Natural Resources



"Taipei 101": The Tallest Building in the World

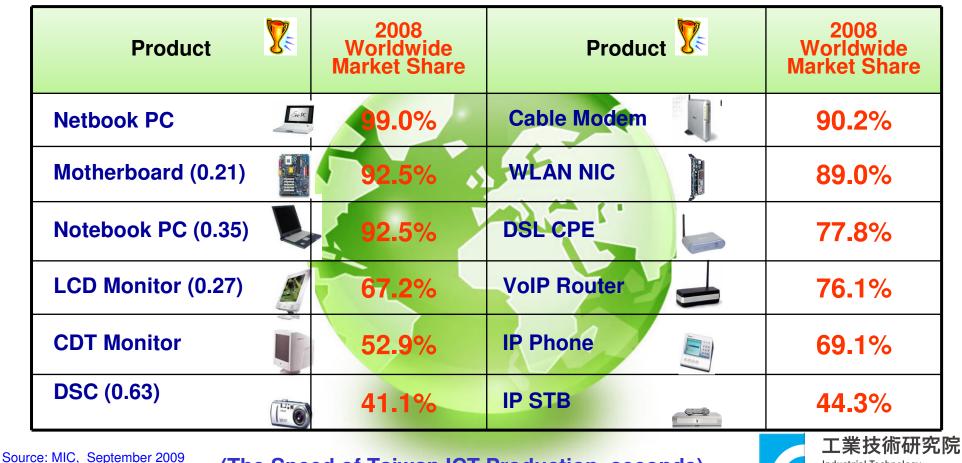
National Palace Museum



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### Leading Global Supplier of ICT Products

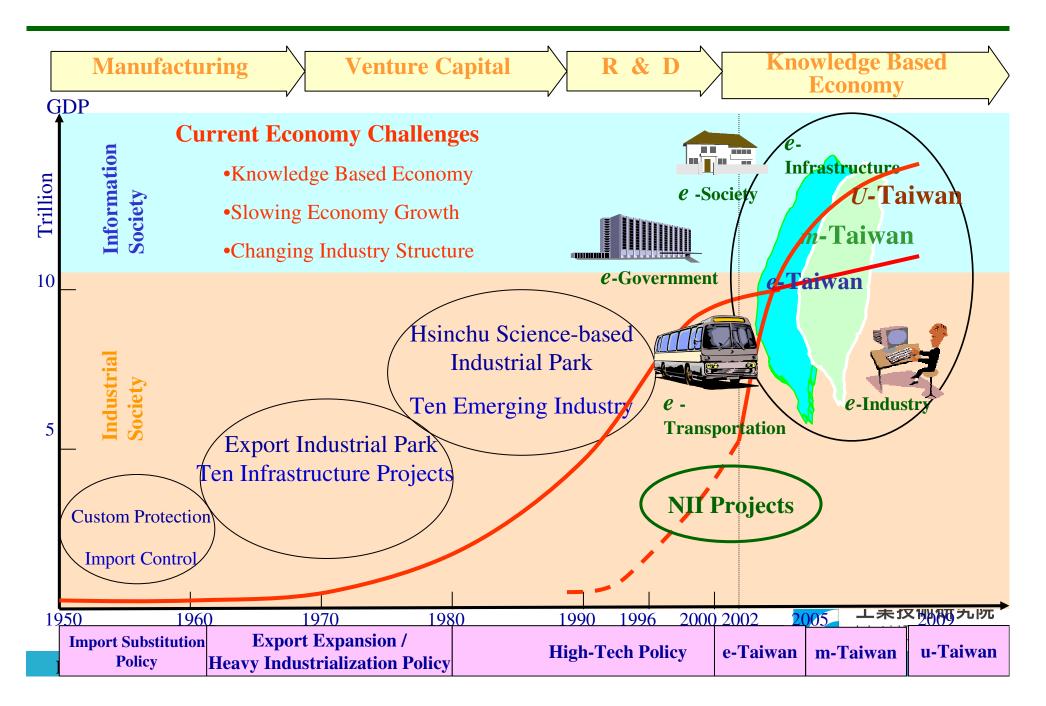
#### **No.1 ICT Products in the World**



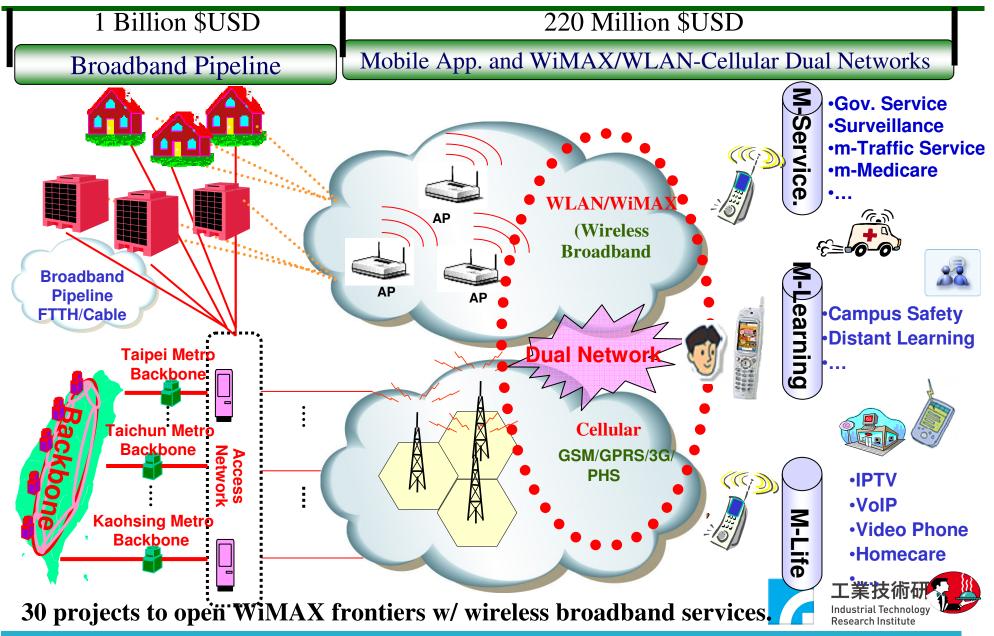
(The Speed of Taiwan ICT Production, seconds)

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#### **Taiwan's Economic and S&T Development**



#### M-Taiwan to Open Frontiers w/ Novel Services



### Mobile Learning and After School Tutoring

#### Linking Renai Village to the World, Bridging Digital Divide

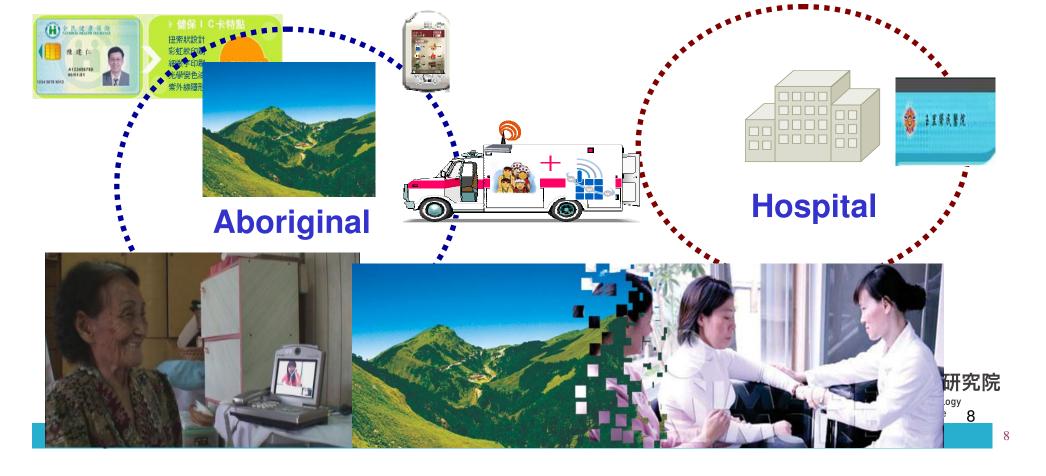
- Nantou County is famous for its tourist landscapes, it suffers from resource scarcity as it is located in a fairly remote area with no easy access to resources.
- Chunghwa Telecom cooperated with National Chi Nan University to promote the application platform for wireless distance learning.
- Students now is able to log into courses available on the interactive distance learning platform.
- Tutors from National Chi Nan University offer students with one-on-one or many-on-many distance tutoring



#### **M-Healthcare Applications**

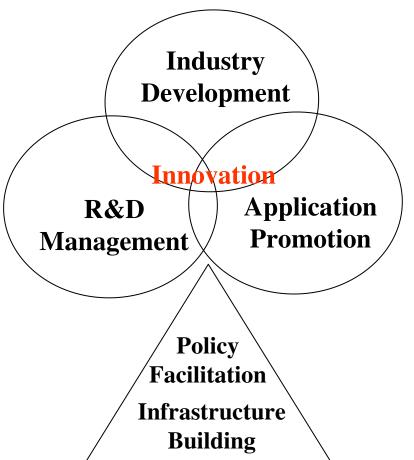
Tatung/NEC implement WiMAX system in Hualien County resolving the last-mile issue in remote areas M-Security, M-Living, M-Commerce, Green applications are under deployment, citizens can benefit from these user-friendly services

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#### **Strategies**

- *Taiwan WiMAX Blueprint* (2005) to integrate the government's policy and provide guidelines for:
  - Product focus for Taiwan industry
  - Nationwide R&D projects
  - Radio spectrum allocation
- To create 10 large scale wireless cities as test beds for technology, operation, and business models
- To set up test centers and establish the M-Taiwan WiMAX Applications Lab (MTWAL) to promote innovative applications and conduct Interoperability testing for WiMAX operators
- Partnership w/ global leading companies (Intel, NEC, ALU, Nokia Siemens, Sprint Nextel & Starent, etc.)





### Conclusion

#### Industry

Increase Business for 5C Industry & digital opportunities for SMEs

Society

Create a Broadband Wireless Internet Environment

Nation

Strengthen Taiwan's ICT Competitiveness

- Narrow digital divide & offer better digital opportunities for SME
- Form a WiMAX ecosystem, Host International events to facilitate WiMAX development, Contribute to WiMAX Forum Body
- Follow the standards, then gained enough experience to be recognized as a Global Partner, Set up the world's largest commercial Test Bed

Taiwan can offer total solutions from network construction, mobile devices, application services to operation patterns, serving as value experiences for emerging economies short of fixed networks

## Thank You



The World Games 2009 Kaohsiung 高雄世界運動會

July 16 ~ 26, 2009



#### **Global events held in Taiwan** with Extraordinarily Creativity

Sept. 11 ~ 15, 2009

Mobile visual devices + signlanguage translation services for hearingimpaired people

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