

## How Tablet will Transform the Landscape of ICT Industry

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### Agenda

- Market Dynamics and Trends of Mobile Devices
- Transition of Mobile Device Industry Ecosystem
- Tablet to Transform the Landscape of ICT Industry

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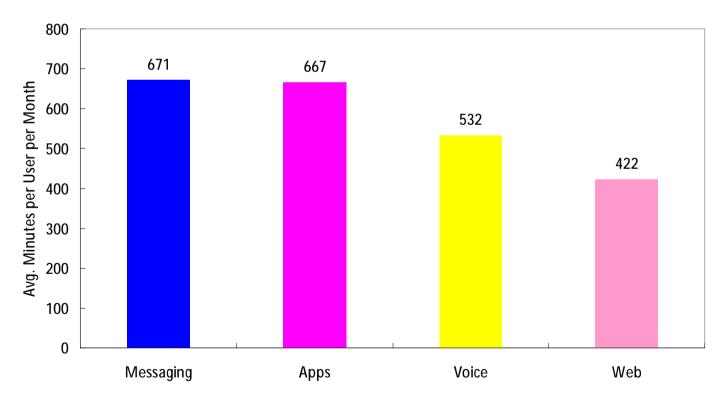
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#### **Mobile Devices' Cross-Over Evolution**



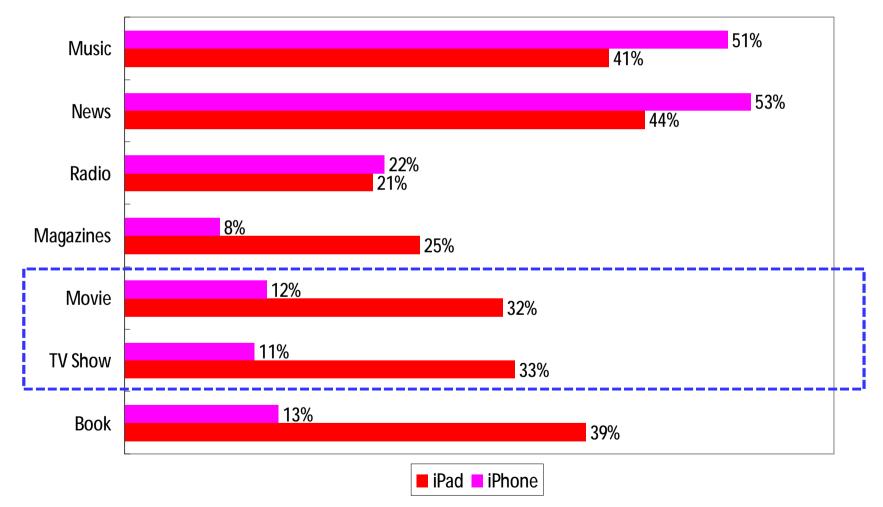
## Smartphone usage: Messaging and Apps have overtaken Voice

- Mobile "phone" usage has gone beyond traditional "talk" function
  - Messaging: Text, multimedia, email, and instant messaging, etc.
  - Apps: Maps, gaming, entertainment, productivity, social networking, etc.



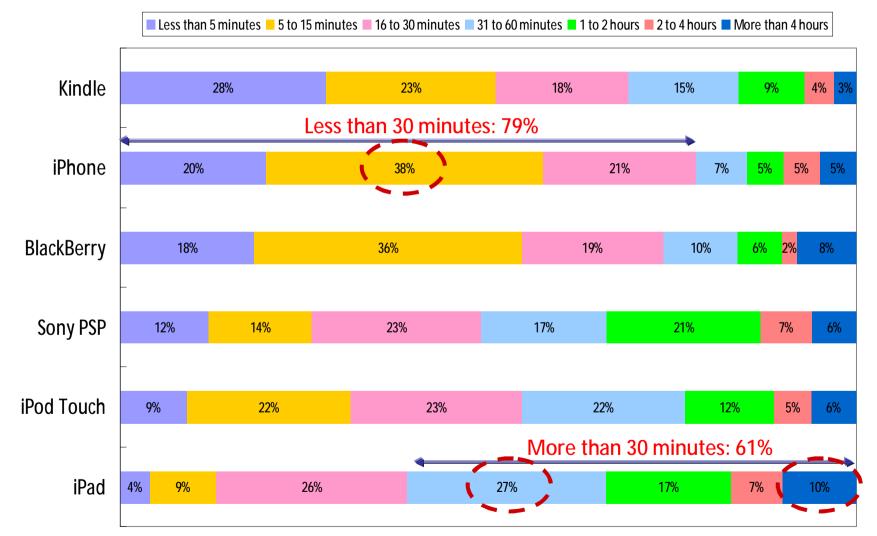
Note: Zokem's January 2011 study looked at over 2,200 smartphone users in both the U.S. and the U.K.

# Non-Voice usage: Heavy media content more regularly accessed on iPad than iPhone



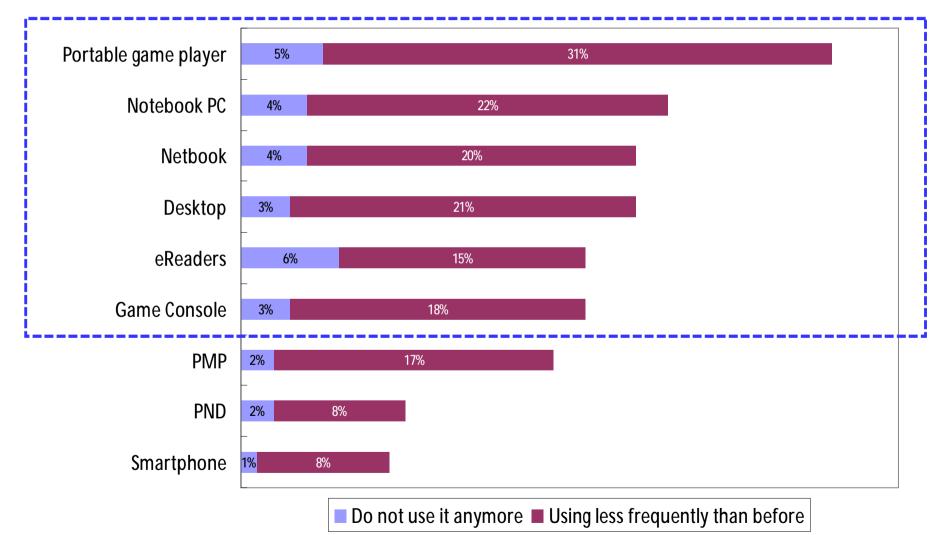
Note: Nielsen surveyed more than 5,000 connected device owners who completed an online, self-administered survey in August 2010

### iPad users spend more time with media content than other devices



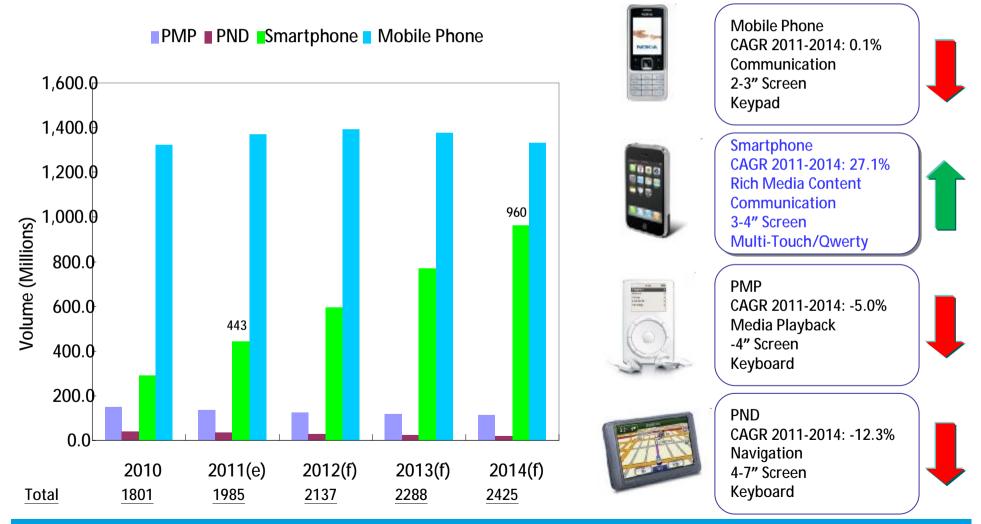
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## Users response: iPad truly affects other devices usage besides Smartphone



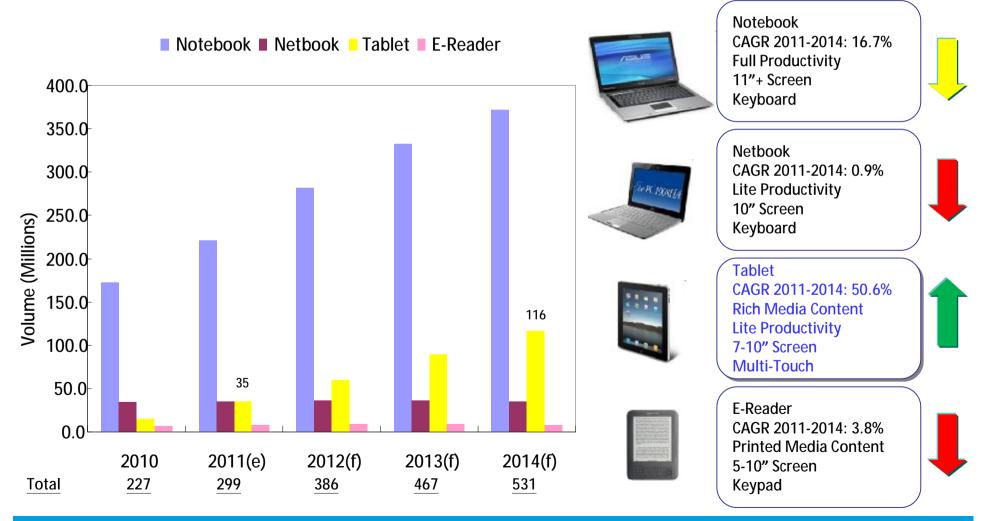
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## Smartphone will impact the growth of Mobile phone, PMP and PND devices



Source: IEK of ITRI (2011/03)

## Tablet will mostly affect Netbook and E-Reader while gradually impacting Notebook

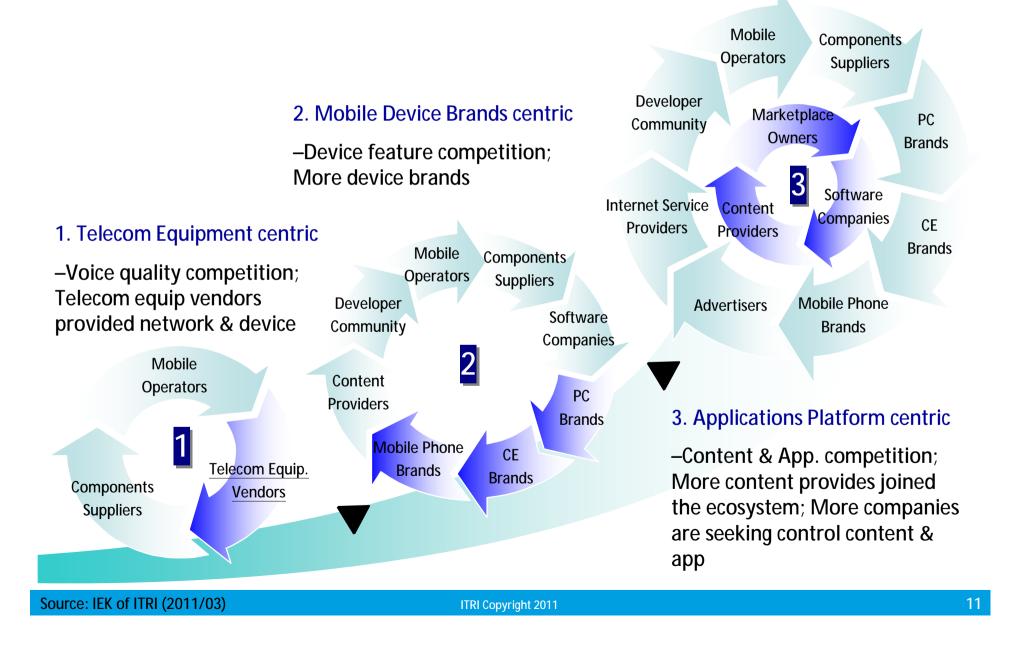


Source: IEK of ITRI (2011/03)

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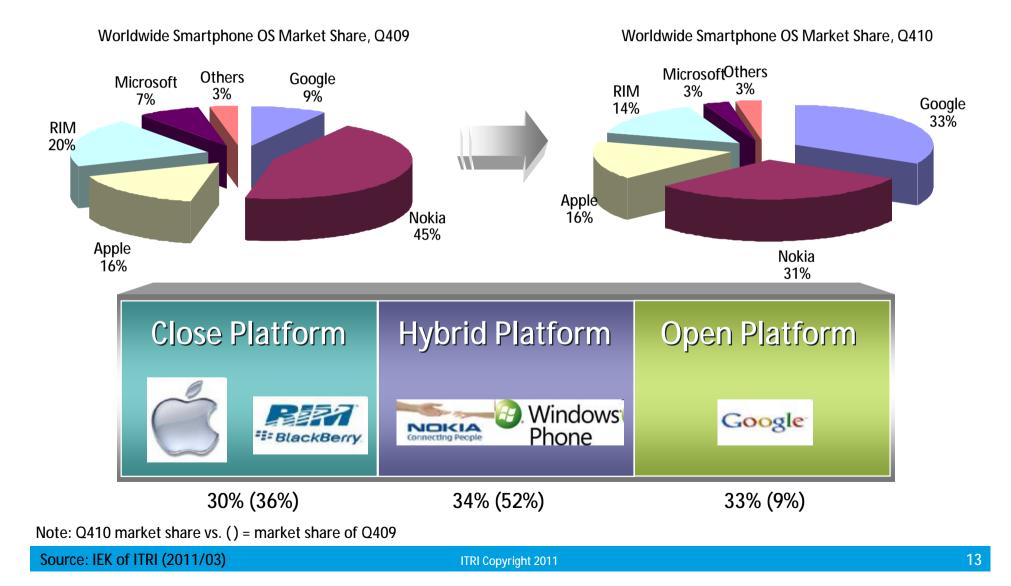
#### Mobile device industry from product to ecosystem



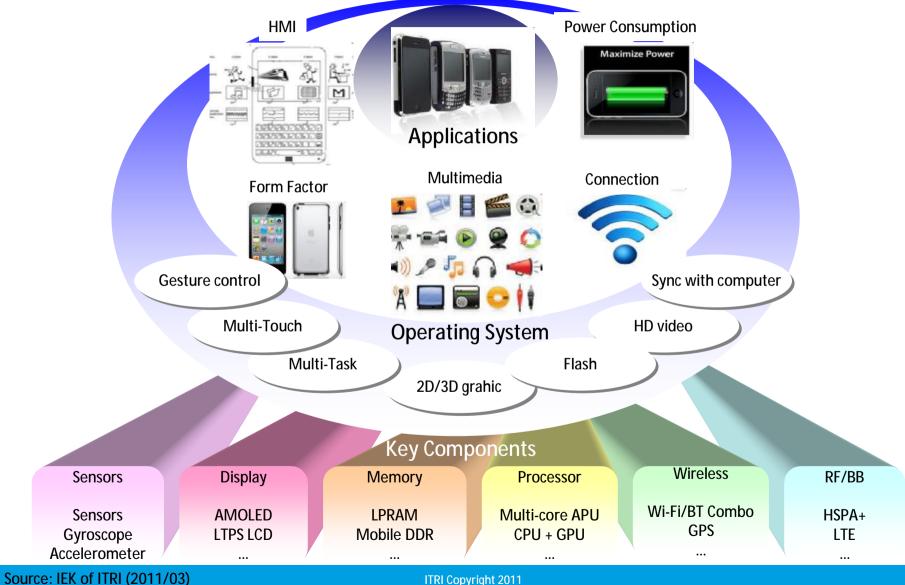
#### More companies are creating own ecosystem



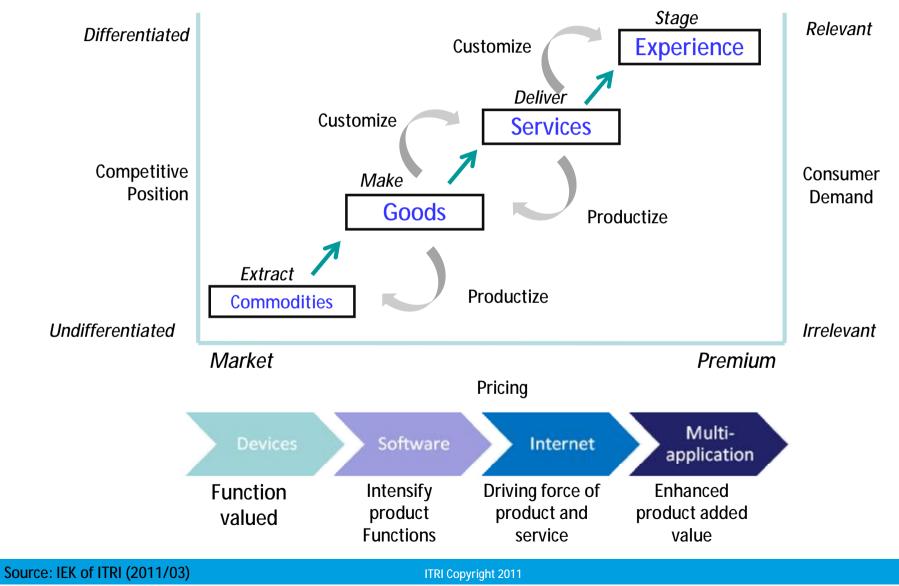
## 3 types of Smartphone platforms are shaping up for ecosystem-based competition



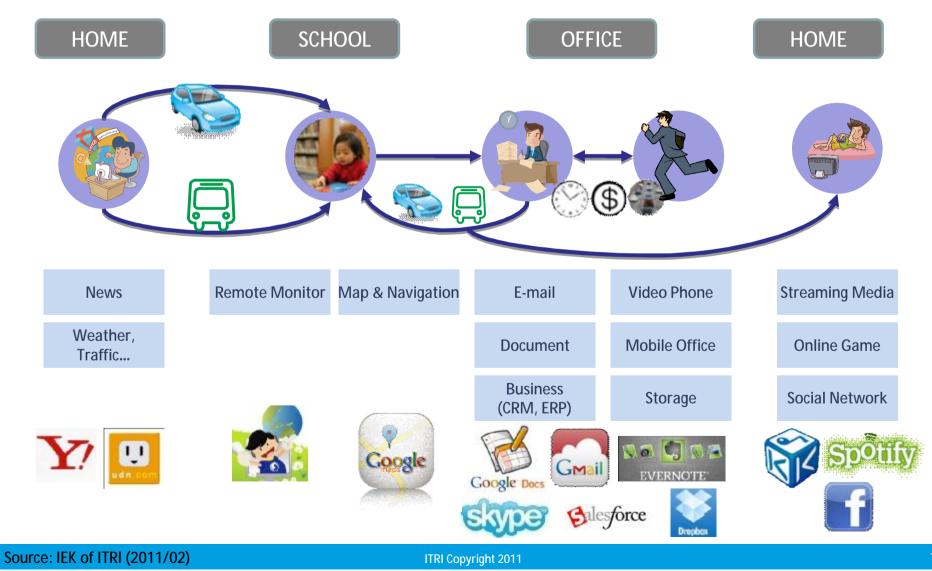
# Innovative applications are leading the development of key components



### Mobile devices to focus more on "Experience" than "Product"



## "Cloud services around the clock" for experience offering



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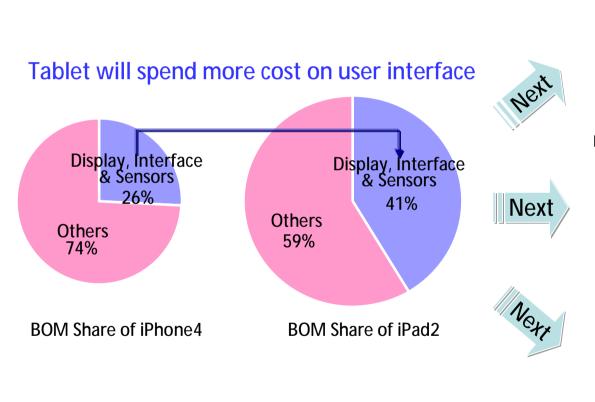
#### Tablet: From "Experience" to "Industry"



Horizontal Alliances

**New "Service** Platform" for integration of ICT and other industries

# Tablet will provide more innovative user-interface experiences



#### Touchable 3D display by NTT DoCoMo

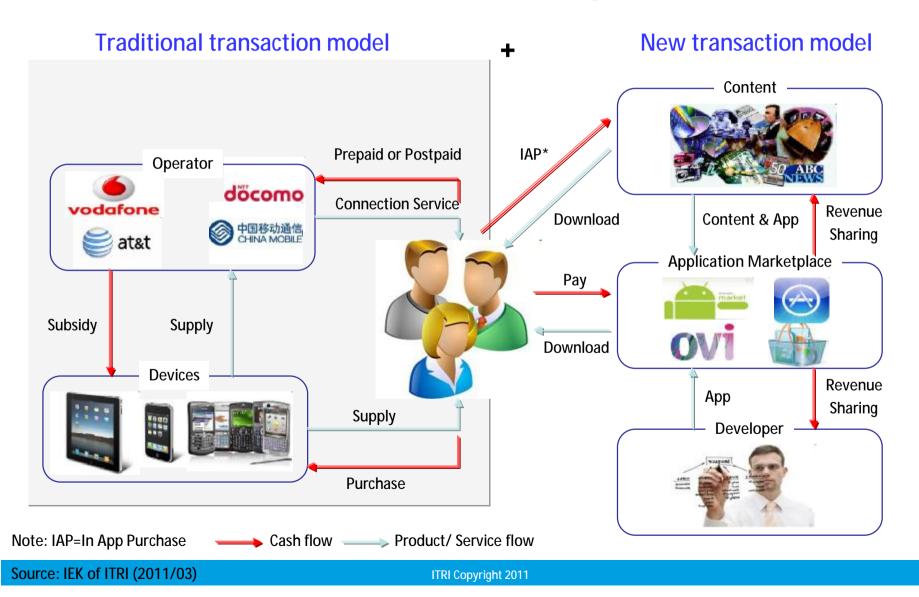


#### Hybrid Modes Flexible Display by DTC of ITRI





## Tablet will change the transaction model of ICT industry



## Tablet will be a new "Service Platform" for integration of ICT and other industry

Tablet for Car agent



Tablet for Interior design



Tablet for Insurance agent



Tablet for Retail



Tablet for Letting agent



Tablet for Medial



#### **Tablet for Business**

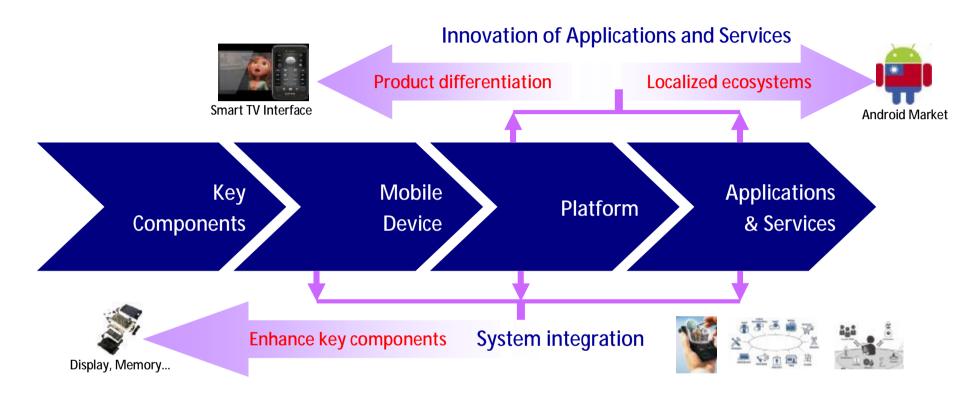


**Tablet for Education** 

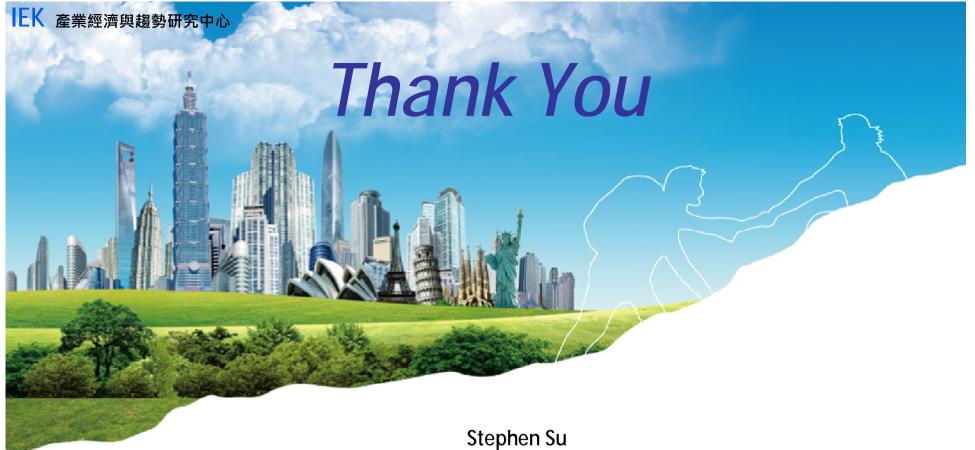


Source: IEK of ITRI (2011/03)

## Taiwan to play a leading role in mobile devices



- Taiwan has a leading mobile devices manufacturing capabilities, and can supply most of the key components
- The next step will be to strengthen technology of key components, terminal design, application platform and service innovation
- In future, Taiwan could become the leading development and innovation centre in the world



## IEK View

http://ieknet.iek.org.tw/

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