

Korean Broadband Policies and Recommendations for the Asian Information Super Highway

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- Information Super Highway is important matter for networking global connectivity
- But, Internal matter is more important than the outside/international connectivity
- Also, demand for the high speed network connectivity is essential -> Demand / Supply chain
- We have to create a virtuous cycle between them
- For this, my talk one is a fact and the other is an idea



# **A Fact Part**

# **Brief History of Broadband Policy**





\* Korea Population : 50m

# **Broadband in Korea Today**



Households with Broadband access

In the number of FTTH subscribers, download speed, broadband quality and the number of households with broadband access

#### Subscribers Percentage of all households Rank Country Country Rank (per 100 inhabitants) 21.6 South Korea 1 97.5 1 South Korea 2 Japan 17.7 87.0 2 Iceland 3 10.3 Sweden 3 Norway 82.6 7.4 4 Estonia 3 Sweden 82.6 5 Denmark 80.1 Norway 7.3 5 The World's DECD Nov. 2011) (OECD Feb. 2013) **Best IcT** Infrastructure **Broadband Leadership** Avg. Measured Connection Speed of Broadband Country Rank Score Rank Country Speed (Mb/s) South Korea 157 1 South Korea 1 14 2 Hong Kong 118 2 Japan 10.8 3 Japan 116 Hong Kong 9.3 3 Iceland 115 Latvia 8.9 4 4 Luxembourg 5 111 5 Switzerland 8.7 (Akamai, Apr., 2013) (Univ. of Oxford, Oct. 2010)

#### Fibre/LAN Broadband subscribers



# **Success Factors of Korea's Broadband**







Investment Cycle

The government bore the risk and reduced the uncertainty of building new infrastructure and adopting new technologies by making a lead investment. Such government leadership attracted the businesses to quickly adopt and diffuse new technologies and infrastructure by the businesses

### **Current and coming Trends**



### Mobile Devices – Clouding, P-to-P, Mobile Offices, M2M/IoT/IoE, Big data



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