

TEIN Initiative and its Future Development

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TEIN Initiative ('01 ~ '06)

- 1. ASEM 3 (October 20-21, 2000, Seoul, Korea)**
 - under the theme of 'Partnership for Prosperity and Stability in the New Millennium',
 - TEIN, jointly proposed by Korea, Singapore and European Commission, was endorsed as one of the new 16 ASEM Initiatives

- 2. The 1st Launch (December 5, 2001)**
 - France and Korea established TEIN link, by directly connecting the Korea advanced Research Network (KOREN) in Korea and RENATER in France.
 - TEIN was first implemented with a bandwidth capacity of 2 ~ 4 Mbps based on the Asynchronous Transfer Mode (ATM)



TEIN Initiative ('01 ~ '06)

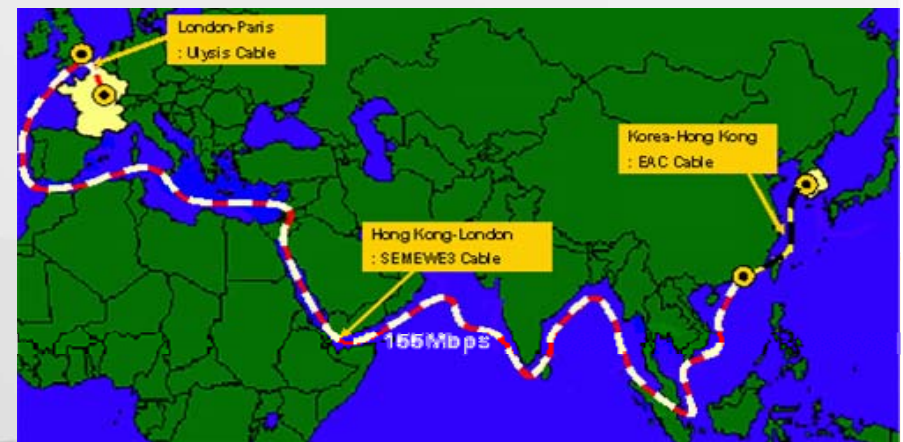
3. ASEM 4 (September 22-24, 2002, Copenhagen, Denmark)

- TEIN as the "Digital Silk Road", realized as a great step toward the formation of Eurasian cooperative community,
- *TEIN quoted as "the basis of a strong partnership b/w Asia & Europe"*

4. Three-Phase Upgrades

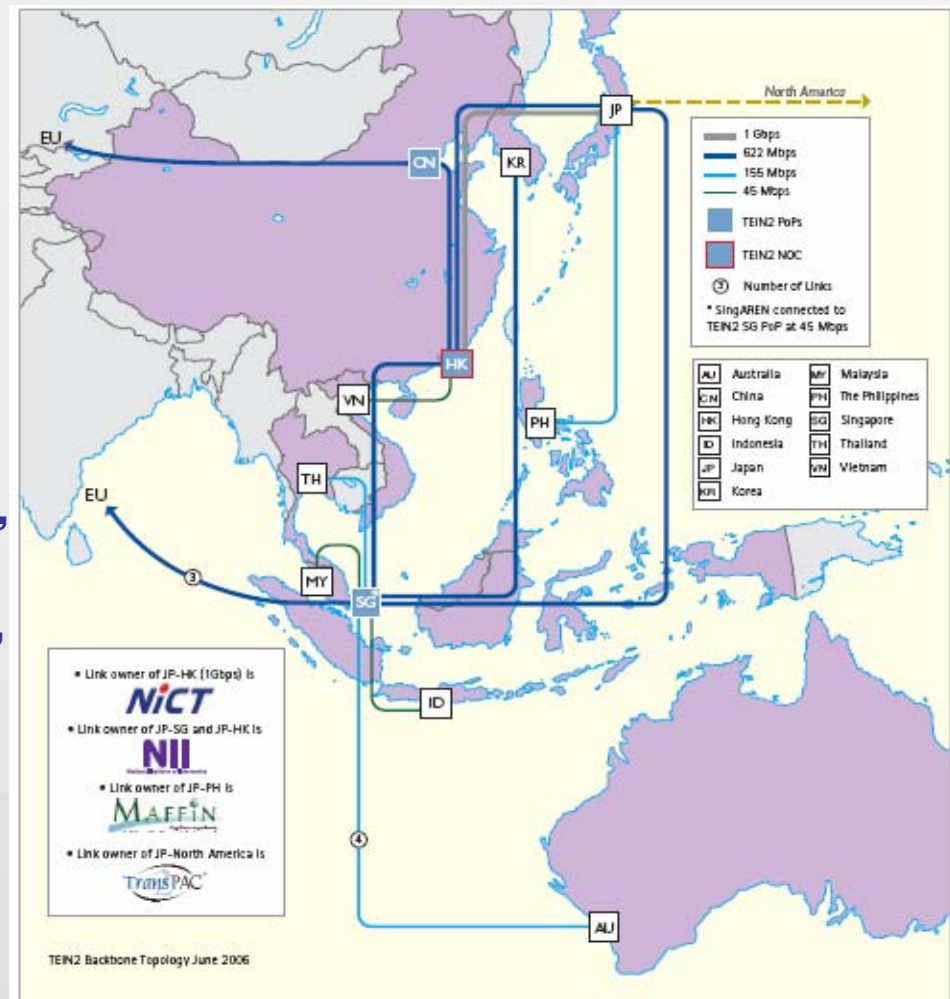
- March 2002 , 1st upgrade to 10Mbps
- November 2003 , 2nd upgrade to 34Mbps
- December 2004, 3rd upgrade to 155Mbps

5. January 2006, *TEIN closed and replaced with TEIN2 (155Mbps -> 622Mbps)*



January 2006, TEIN2 launched (622Mbps), *TEIN closed and replaced with TEIN2*

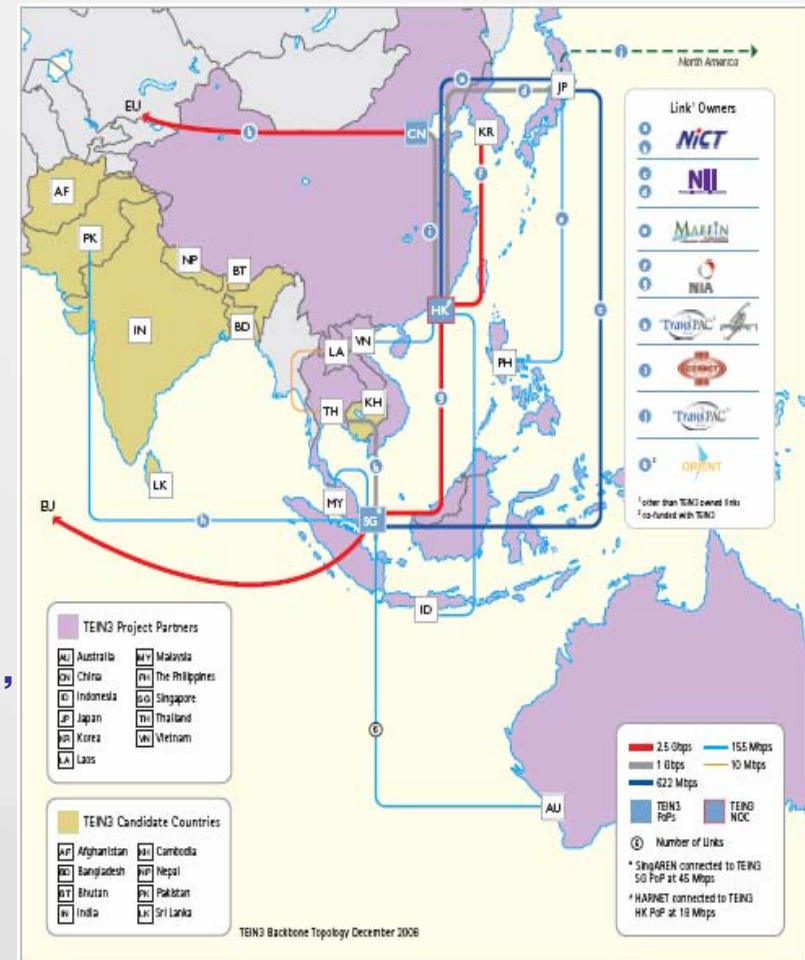
- **Korea's Contributions on TEIN2 :**
 - Seoul - Singapore - Europe Link(622 Mbps) by cash to DANTE
- **TEIN2 Partners :**
 - Beneficiary : China, Indonesia, Malaysia, Philippines, Thailand, Vietnam
 - Non-Beneficiary : Korea, Japan, Australia , Singapore
 - Europe : France, Netherlands, United Kingdom





January 2009, *TEIN2(622Mbps) closed and replaced with TEIN3(2.5Gbps)*

- **Korea's Contributions on TEIN3**
 - Seoul – Hong Kong (2.5Gbps)
 - Hong Kong – SG (2.5Gbps) by own contract with a carrier.
 - Additionally, some in-kind support on the TEIN3 Project might be possible.
- **TEIN3 Partners :**
 - Beneficiary : China, Indonesia, Malaysia, Philippines, Thailand, Vietnam,
 - Non-Beneficiary : Korea, Japan, Australia , Singapore
 - **New Comers : Laos, Pakistan**
 - Europe : France, Netherlands, United Kingdom



Future Plans

- Building a Sustainable Model for continuous TEIN projects



- Collective Contributions from Asia-Pacific, Europe, North America, UN, World Bank...etc
 - Building Information Infrastructure in the Asia-Pacific region
- Benefits by improving collaboration in the region
 - New technology, e-Health, environmental protection etc

Thanks !!

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