



Challenges of Asia-Pacific Region in Research and Education Networking

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Chair, APAN

APAN History



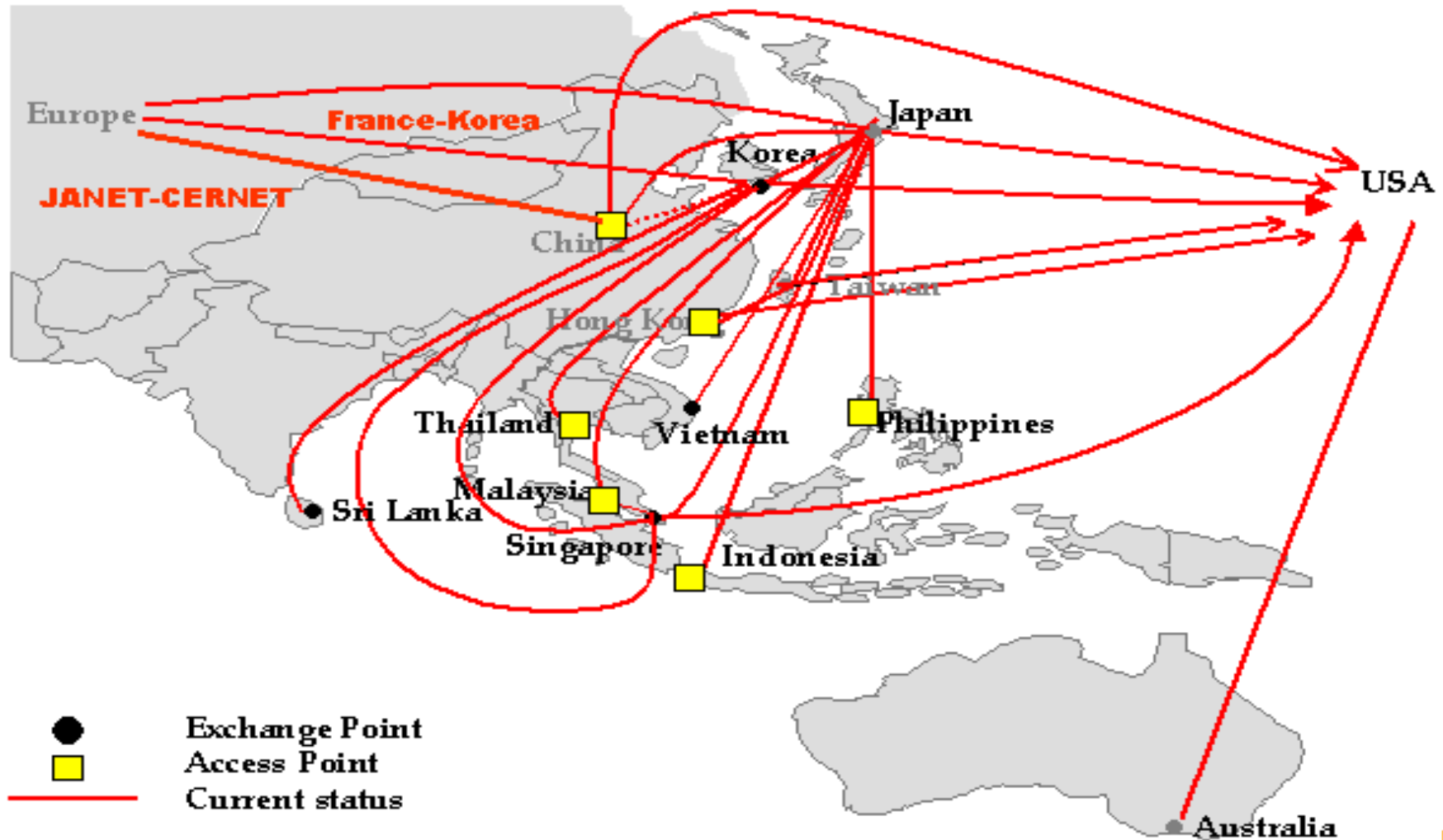
- 1997: Founded as a non-profit consortium
- 2006: Bylaws formed
- 2009: APAN Ltd. incorporated in Hong Kong
- Secretariat:
 - KR(97-06), TH(06-09), SG(09-11), LK(11-)
- Former chairs:
 - Kilnam Chon - Shigeki Goto - Jianping Wu

APAN Structure

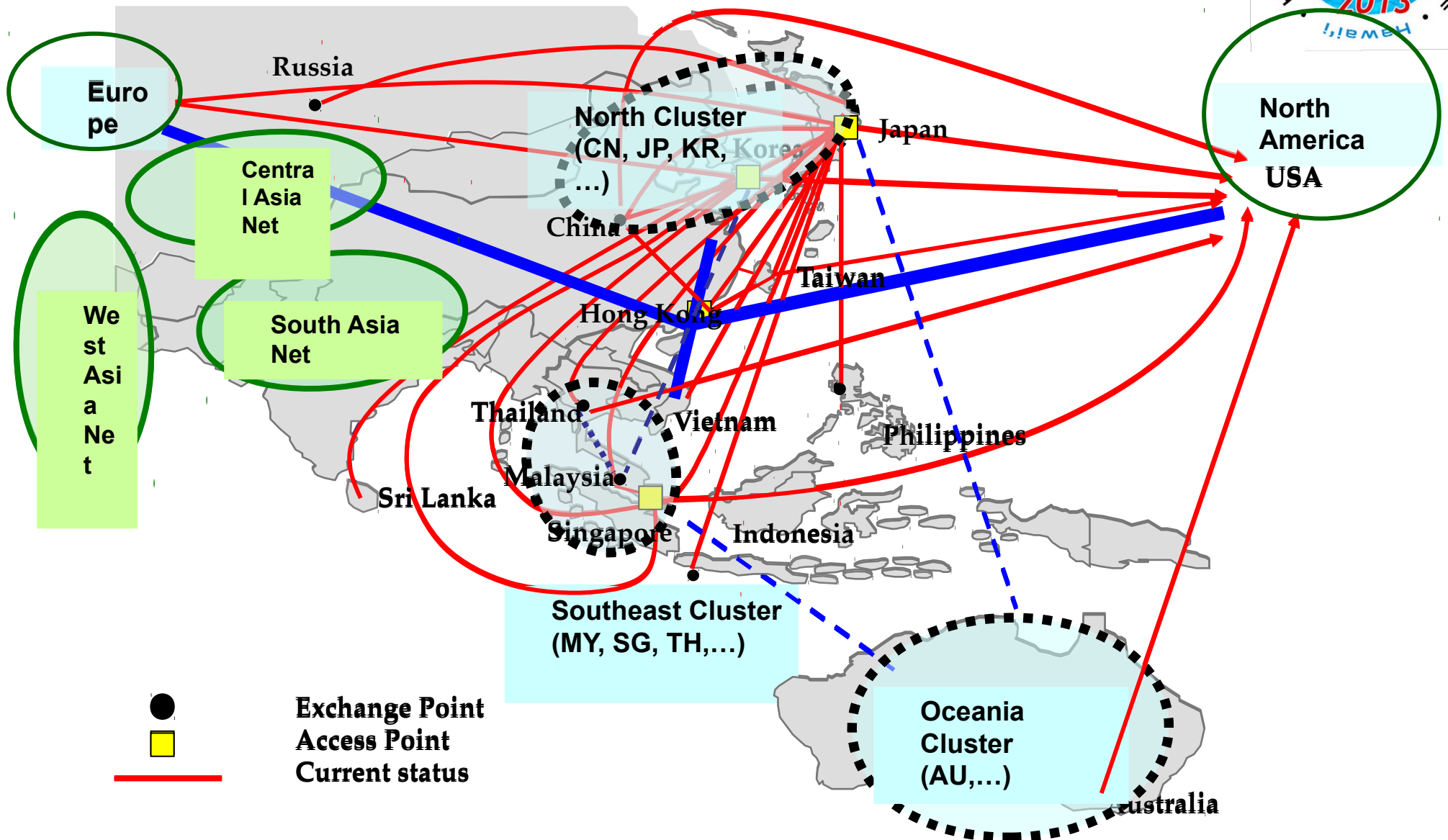


- 38 Members
 - Primary(16), Associate(3), Affilliate(12), Liaison(5), Industry(2)
- Governance
 - General Meeting (Council) > Board
 - Company Secretary, Treasurer, General Manager, SEC
 - 6 Committees, 16 WGs in 2 Areas(App/Tech)
- Bi-annual APAN meetings

Early APAN Network (2001)



APAN Clusters (2003.10)



Asia-Pacific Backbone Topology by funding source



Asia Pacific
United States
Europe

As of Jan. 5th 2011

APAN NW Infrastructure



- Bring-Your-Own-Links
 - APAN member economies
- Link projects
 - AIII, APII, TransPAC3, TEIN4, Gloriad, OrientPlus, ...
- APAN-NOC

Challenges



- Vast area and huge population
 - Asia, Oceania, Pacific
- Diversity
 - Culture, Religion, Economy, Politics, ...
- Digital Divide
- Voluntarism, Friendship
- APAN 4Cs
 - Continuity, Community, Coordination, Collaboration

Forwards



- Continued infrastructure building
- Global collaboration
- Technology challenges
- Application development
- Service to the community
- Forstering research and education



Thank You!