

# ★ TEIN3



International Research Networking

## Introducing TEIN3

TEIN-09-018

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Kaohsiung, APAN Medical Working Group

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# TEIN2 – Asia Pacific R&E network



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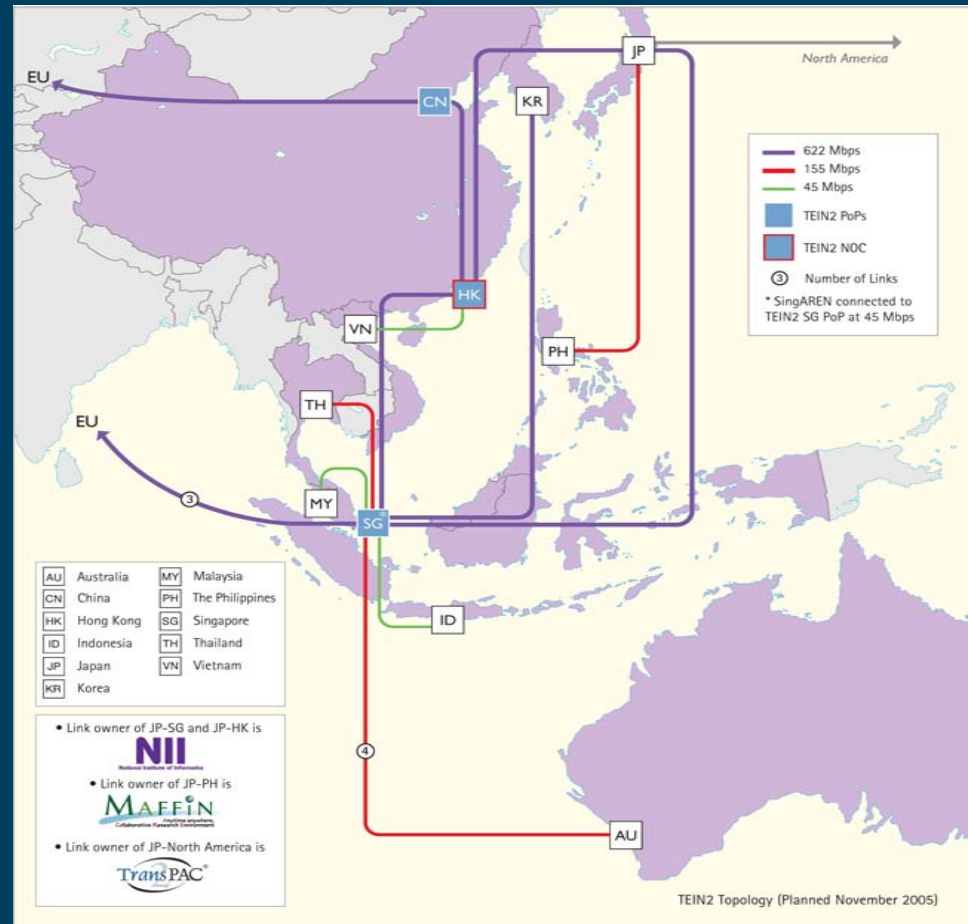
Operational since Jan 2006

Connecting the NRENs in:

- Australia
- China
- Indonesia
- Japan
- Korea
- Malaysia
- Philippines
- Singapore
- Thailand
- Vietnam

Coordinated by DANTE

Co-funded by the European Commission



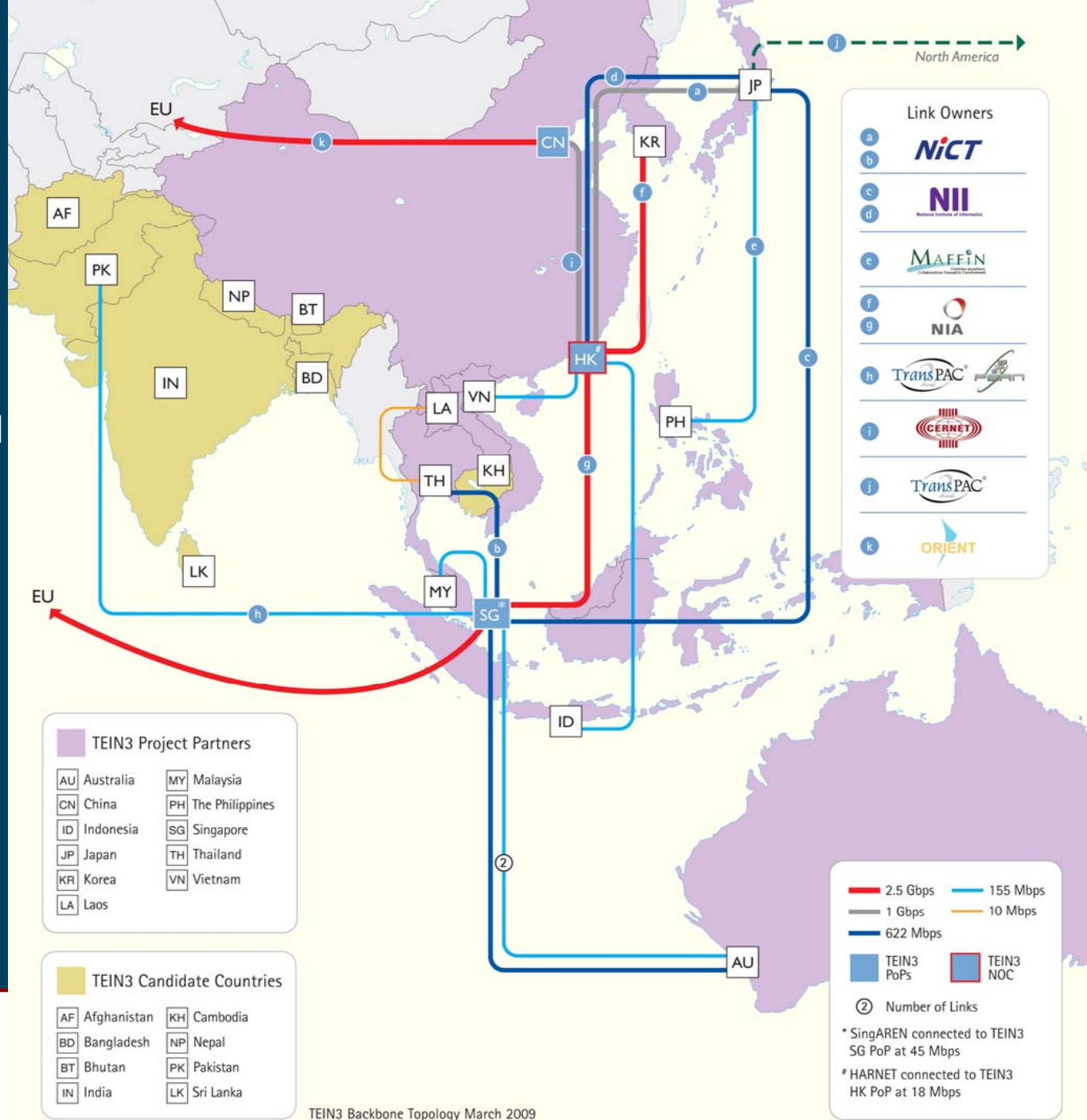
# TEIN3

Tendered Q2 – Q3 2008

6 circuits Contracted with 5 providers

10 circuits provided by TEIN3 partners

Migration to TEIN3 underway, due to complete this month





# Network Highlights

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- New Singapore PoP at Global Switch
- New Juniper M120 routers in Singapore and Hong Kong
- Singapore – EU upgraded to 2.5 Gbps
- Singapore – HK upgraded to 2.5 Gbps,
- Beijing – EU 2.5 Gbps link being re-tendered by CERNET
- TransPAC2 link to US via Tokyo maintained



# TEIN3 Partner Access Capacities



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- Indonesia – 45 → 155 Mbps
- Laos – 10 Mbps (via ThaiREN, being provided)
- Malaysia - 45 → 155 Mbps
- Philippines – 10 Mbps (via MAFFIN)
- Thailand - 155 Mbps (via NICT Singapore/Bangkok link)
- Vietnam - 45 → 155 Mbps

# TEIN3 Partner Access Capacities



International Research Networking

- Australia – 622Mbps → 933 Mbps
- Hong Kong - 18 Mbps
- Japan – NII 2 x 622Mbps, NICT 1Gbps,
- Korea - 622 → 2.5 Gbps
- Singapore - 45 Mbps
- +
- China – 2.5 Gbps to EU, 1Gbps to HK
- Pakistan – 155 Mbps (via NSF/PERN link)

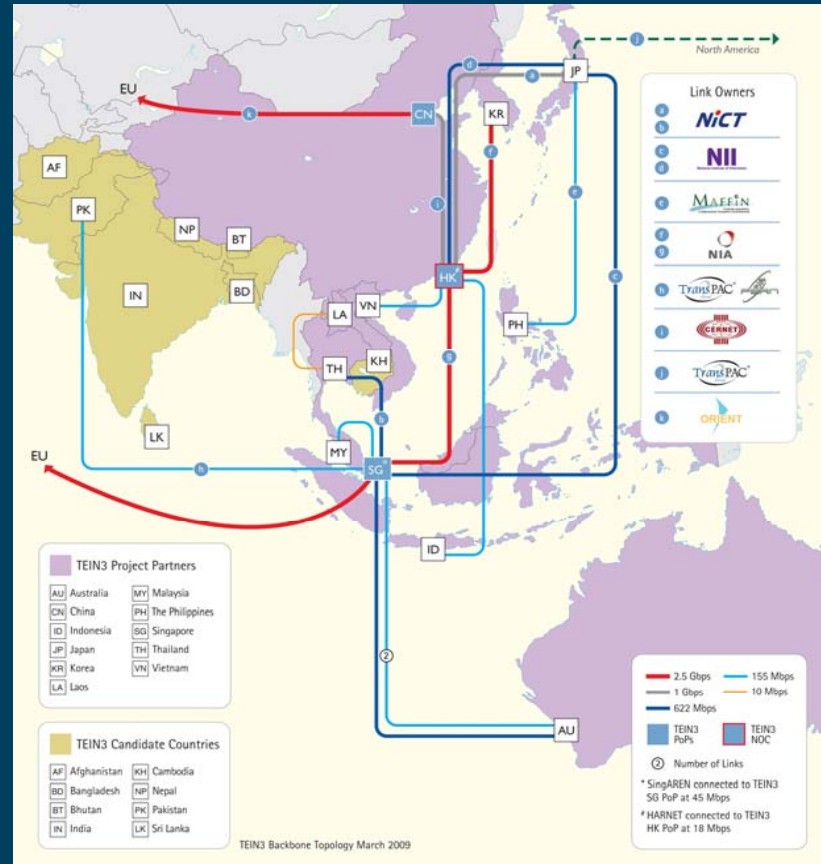




# TEIN3 South Asia Extension International Research Networking

Tendering started for:

- Bangla Desh
- Bhutan
- India
- Nepal
- Pakistan
- Sri Lanka



# Central Asia Research and Education Network (CAREN)



International Research Networking

- New EC funded regional R&E project for Central Asia
- Beneficiary countries:
- Duration 1 Jan 2009 – 31 Dec 2011
- Managing Partner: DANTE
- EC AIDCO funding 5M Euro, 80% of project costs, remainder from partners
- Prime objective: replace low capacity Silk satellite-based R&E network with terrestrial fibre, target by end 2009

