

★ TEIN3



International Research Networking

Introducing TEIN3

TEIN-09-014

David West, DANTE

Kaohsiung

2 March 2009



This evening's running order



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- Welcome - David West, DANTE
- TEIN3 video
- Introduction to TEIN3 Network – David West
- Welcome speeches
 - Yeong-Ro Lee, Vice-President, Executive Director of u-Infrastructure Division, KOREN (Korea)
 - Denis Villorente, Director, ASTI (Philippines)
 - Prashant Manandhar, Director, NREN (Nepal)
 - Mark Prior, Liaison, R & E Community, Juniper Networks
- Concluding Remarks – David West
- Drinks and Canapes



Tendered Q2 – Q3
2008

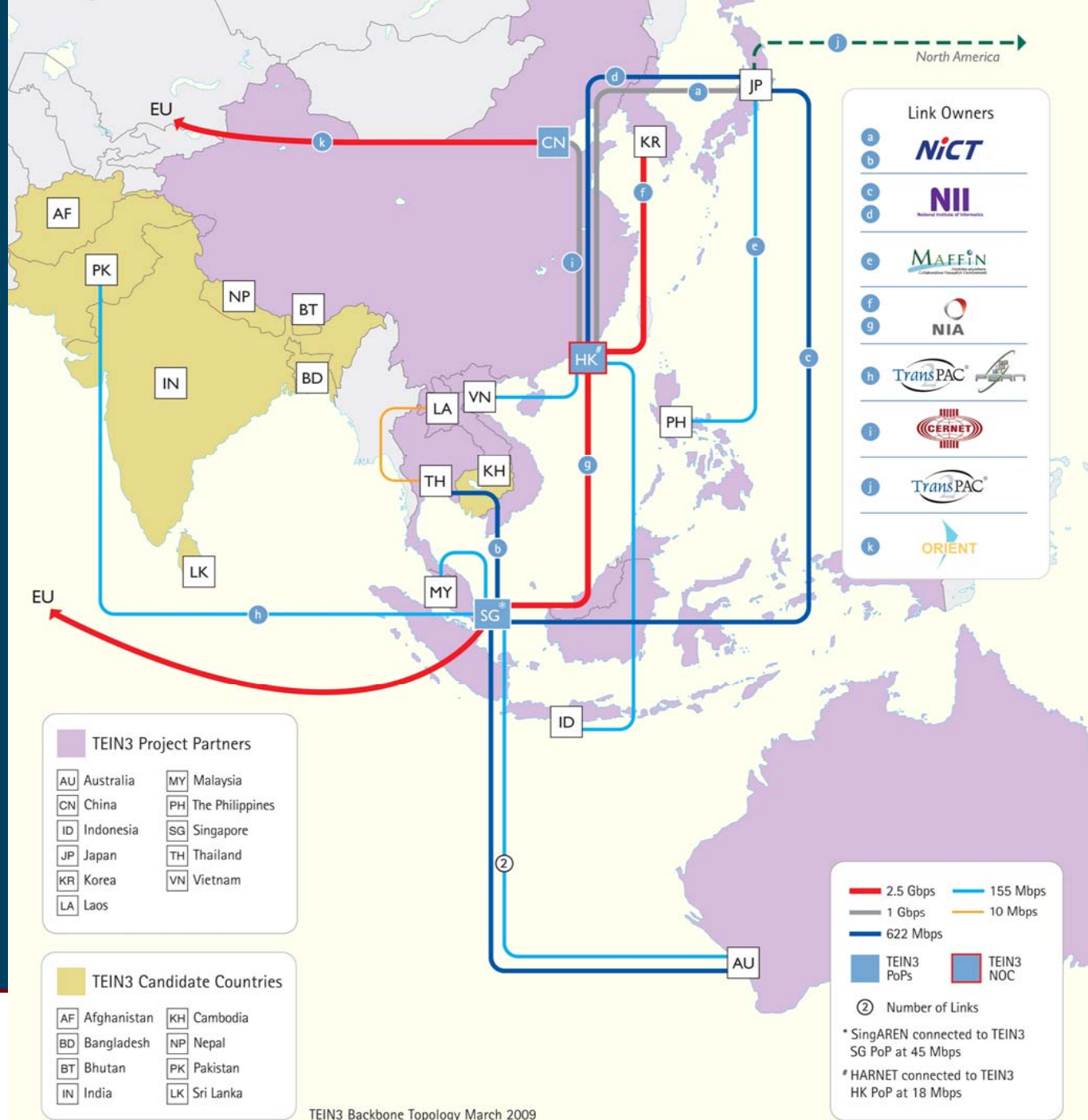
Meetings with 19
telcos

16 tenders received

Contracts with 5
providers

Migration to TEIN3
underway, due to
complete this month

Extend to S Asia
late 2009





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, provided by NIA/KOREN
- Beijing – EU 2.5 Gbps link being re-tendered by CERNET
- TransPAC2 link to US via Tokyo maintained



TEIN3 Partner Access

Capacities

- 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
- 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 (TEIN3 terms tbd)
- Pakistan – 155 Mbps (via NSF/PERN link)



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Special Thanks to (1)

- **CERNET** – BJ – EU 2.5 Gbps, BJ – HK 1Gbps
- **MAFFIN**: Tokyo – Manila 155 Mbps
- **NIA/KOREN** : SG – HK 2.5 Gbps
- **NICT**: Tokyo – HK 1 Gbps, Tokyo – Singapore 1 Gbps, Singapore – Bangkok 622 Mbps
- **NII**: Tokyo- SG 622 Mbps, Tokyo – HK 622 Mbps
- **ThaiREN** – Transit for Laos
- **TransPAC2**: Trans-Pacific transit



Special Thanks to (2)

- **European Commission** – funding and political support
- **AARNet** – funding
- **HARNET** – funding
- **SingAREN** – TEIN3 funding and implementation support

- **TEIN NOC** – implementation support
- **APAN-JP** – implementation support
- **TEIN-JP NOC** – implementation support
- **Juniper Networks** – implementation support



Special Thanks (3)

To all partners for their support (and at times, tolerance) during a complex network implementation programme

Please encourage your user communities to make full use of the new infrastructure for many, new and innovative network applications



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Thanks, and enjoy the rest of the evening 😊

David West
DANTE

