Update on AfricaConnect, EumedConnect and TEIN3

Emerging NREN Session
Internet2 SMM, Monday 23 April 2012
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DANTE/EC contract started 1 Sept 2011

36 – 42 month term

Up to 3.29M Euro EC funding, up to 36.19% EC funding contribution

Co-ordinating Partner: DANTE

Contract partners: ASREN, CYNET, GARR, GRNET, RENATER, Red.ES

Beneficiary Countries: Algeria, Egypt, Jordan, Lebanon, Libya, Morocco, Palestine, Syria, Tunisia
Overall Objective

“ensure long-term sustainability of the research networking e-infrastructure between the EU and ENPI South countries in order to maximise the synergies of bilateral and regional research and education projects.”

- Network transition to Arab States Research and Education Network (ASREN) is planned.
New Topology (in progress)

- Algeria – new 155 Mbps link to EUMEDCONNECT Catania
- Palestine – new 45 Mbps link to GEANT/London
- Moroccan link planned
Network update

Bangladesh connected – 45 Mbps from January 2012

ORIENTplus – China-EU link provided by CSTNET: 2.5 Gbps Beijing-London

Stop Press: Cambodia linked via VINAREN – from April 2012 (thanks to NSRC for great co-operation)

TEIN3 connects 50 million users in 16 Asian countries

TEIN3 project ends September 2012
TEIN4 to be managed by TEIN* Cooperation Center (TEIN*CC):

- Has Korean government and TEIN partner support
- Korean not for profit organisation based in Seoul
- TEIN4 contract signed between EC and TEIN*CC, contract runs to March 2016
- The TEIN*CC organisation will be closely supported by DANTE in its initial phase.

http://www.teincc.org/

- EC will provide 8M Euro towards TEIN4, 50% co-funding share.
- TEIN4 network being tendered by TEIN*CC with assistance from DANTE, due to become operational in September
SEA Workshops

- Workshops being held in May 2012 in Cambodia, Lao and Myanmar to support new TEIN3/TEIN4 partners:
  - Aim to raise awareness amongst stakeholders of research networking, TEIN 3 and 4, support NREN development, and catalyse getting the countries connected to TEIN3/4 network
    - 1 day workshop in each country,
    - Stakeholders include users, government officials, NRENs, prospective NRENs
  - NSRC are participating
CAREN (Central Asia) Update

- DANTE-led project for Central Asia Research and Education Network

- Kazakhstan connected at 155 Mbps since Jan 2012

- Kyrgyzstan –upgraded to 155Mbps since March 2012

- Tajikistan and Turkmenistan in service at 34 Mbps

- Project due to end in Dec 2012, likely to be extended to mid 2013

- 2nd phase being discussed with the European Commission
Sub-Saharan Africa: AfricaConnect

- 4-year project divided in Planning/Procurement Phase and Operational Phase
  - Started in May 2011
  - Planning and Procurement (up to 12 months)
  - Operational Phase (months 13-48)
- Total Budget of 15 M Euro (divided in 80:20) for AfricaConnect
- Partners:
  - UbuntuNet Alliance – www.ubuntunet.net
  - UbuntuNet Alliance member NRENs
  - WACREN and Association of African Universities
  - DFN, GARR, FCCN, HEANET and SURFnet
  - DANTE as the Coordinating Partner
- Connectivity and Equipment procurement are on-going
- www.africaconnect.eu
More information

- www.africaconnect.eu
- www.eumedconnect3.net
- www.tein3.net
- www.teincc.org

- www.caren.dante.net
- www.geant.net

- Or contact the team at irc@dante.net