

South Asia Update Fall 2012 Internet2 MM

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In-Region Challenges

- Many Universities don't have campus networks or their networks are not structured properly to be able to take advantage of an R&E connection
- Lack of a critical mass of skilled network engineers
- Economics and politics make NREN difficult

Bangladesh

- Connected to TEIN in January 2012
- BdREN launched with 6 initial connections in capital city of Dhaka
- Second phase will connect all 34 public Universities
- Have access to 3500km dark fiber across the country

Cambodia

- Connected to TEIN via VinaREN in April 2012
- Connection currently only serves Institute of Technology Cambodia
- Working on plans to expand to other institutions
- NSRC workshop in August 2012
 - 25 participants from Cambodian Universities

Vietnam

- Have upgraded backbone to Gigabit Ethernet on main route between Hanoi and Ho Chi Minh City.
- Have at least 45 Mbs to each pop
- Don't provide commodity on VinaREN
- Main use of network is telemedicine

Pakistan

- Moving from 1G to 10G in backbone
- Expanded to 5 POPs
- Expanded from 90 connected institutions to 146
- Next year, will start to connect hospitals and government agencies

Laos

- Government is building country-wide network, which will include all public Universities
- Actively pursuing a connection to TEIN via Thailand
- NSRC will hold NREN development and campus networking workshop during 2013

Myanmar

- Actively working on getting connected to the global R&E fabric via TEIN
- NSRC will hold NREN development and campus networking workshop in March 2013
- Have had 5 participants from Myanmar in various workshops during the last year

Bhutan

- Significant interest in joining the global Research and Education community
- NSRC will hold NREN development and campus networking workshop in December 2012

Thank You

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