

Info infrastructure for knowledge economies

Rohan Samarajiva, *LIRNEasia*



Information infrastructure is a pillar of KE

- Companies, government, non-profit organizations (including educational) and people must be able to
 - Communicate in multiple forms, locally and globally
 - Retrieve information locally and globally
 - Publish
 - Transact
 - Compute remotely, etc.



Organizations, including those engaged in BPO, require . . .

- Broadband (at least 256 kbps up and down; always on) that is
 - Readily available
 - In configurations that are responsive to customer needs
 - Including service-level agreements and
 - Redundancy
 - Value for money (price + quality)

- Generally provided over fixed links, fiber or copper
 - But now increasingly over wireless



People require . . .

- Broadband (at least 256 kbps up and down; always on) that is
 - Ubiquitous
 - Flexible
 - Value for money

- For most in Sri Lanka
 - Over mobile networks
 - With common-use sites (telecenters) as complement

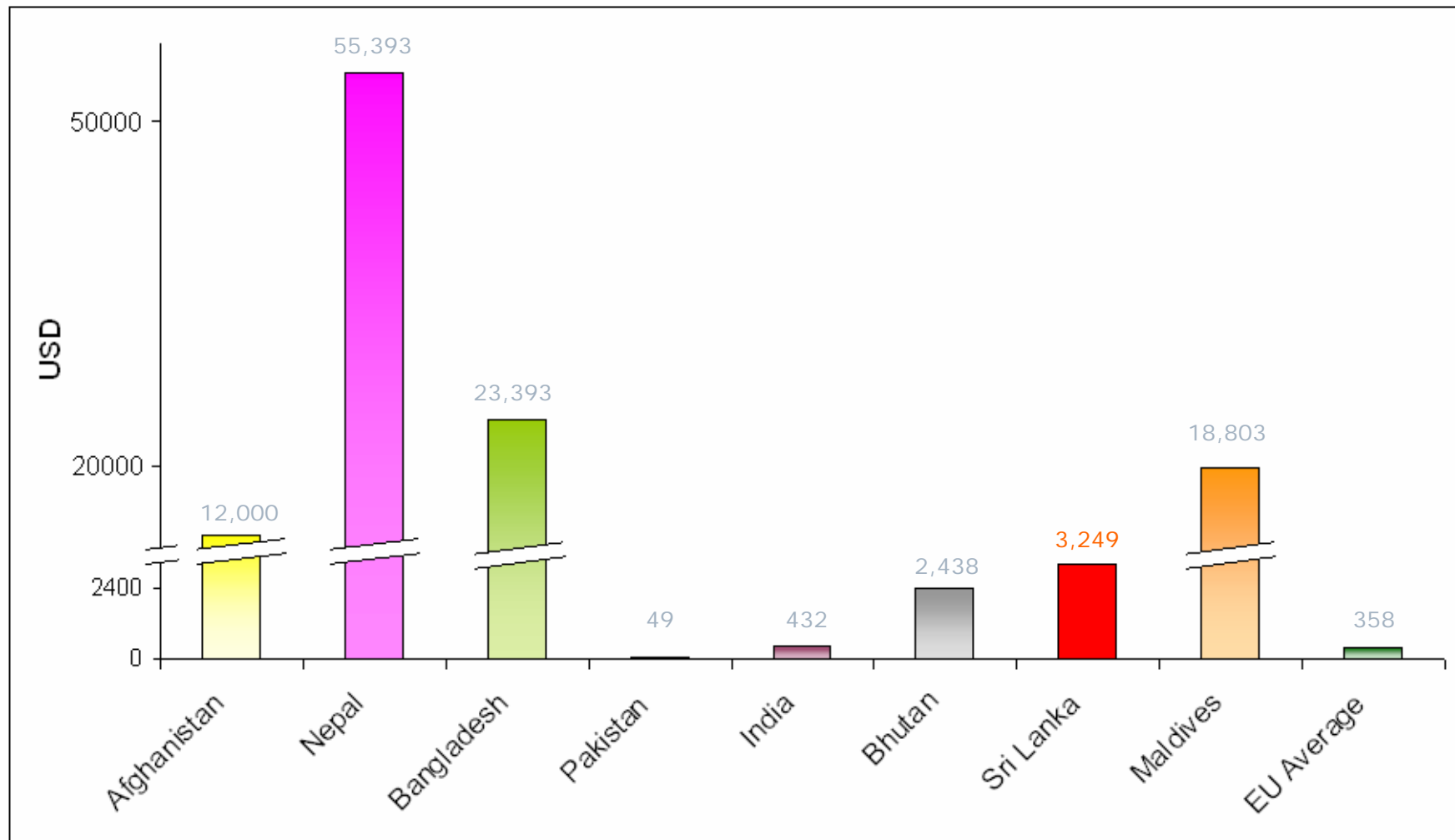


Elements common to both, and current status

- International private leased lines of good quality (including redundancy) and price
- Domestic backbone available to all operators at cost-oriented prices and on non-discriminatory basis
- Security and payment infrastructure
- Three operators after international liberalization of 2003-04; Gateway still not fully open
- Two major networks; No open access, yet
- Inchoate payment networks developing in mobile



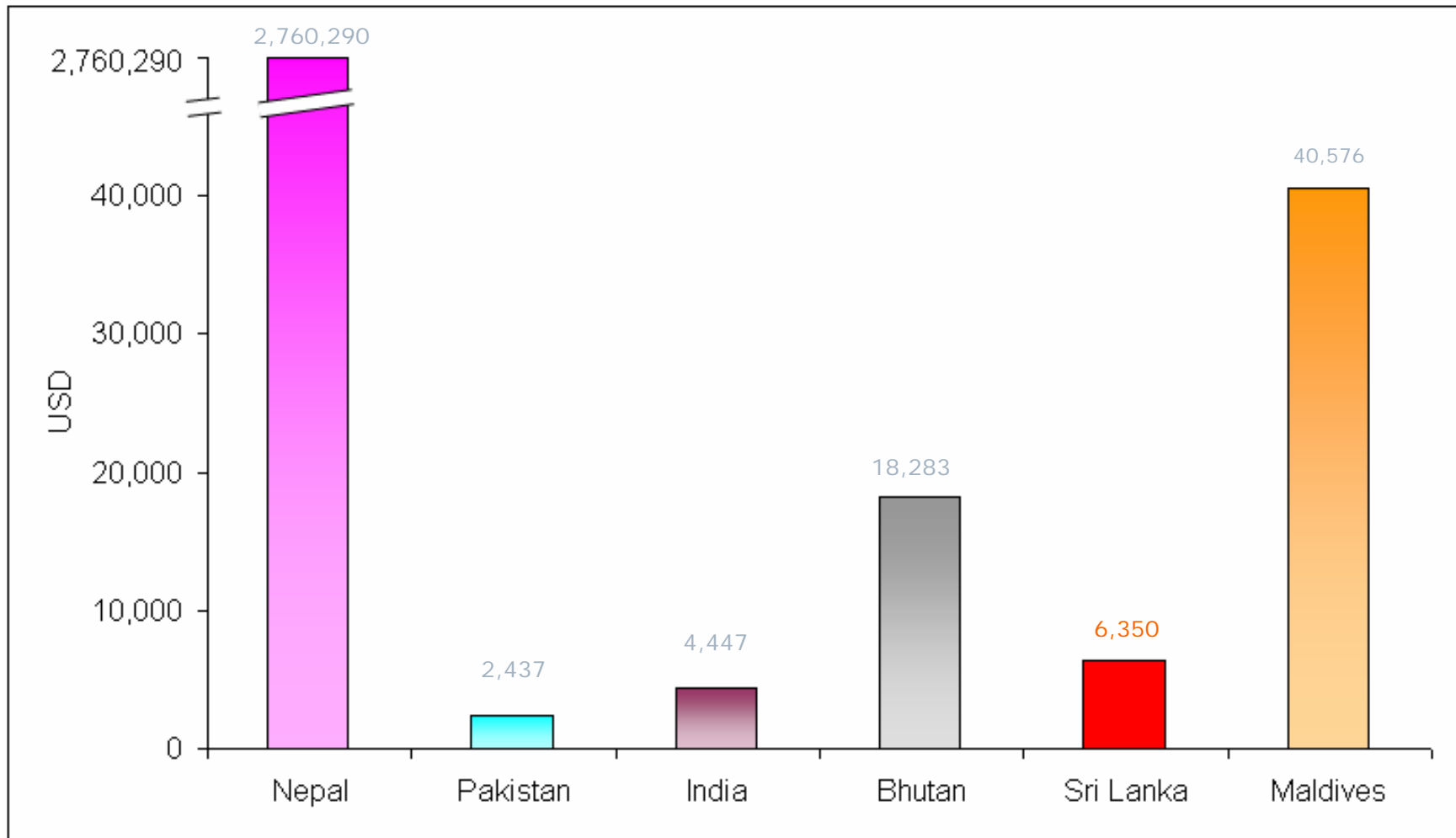
Domestic leased line prices (2 MB/2 km), benchmarked with South Asia and EU



Source: Broadband Benchmarks : Feb 2008 – Preliminary results, LIRNEasia, <http://www.lirneasia.net/projects/benchmarks/>



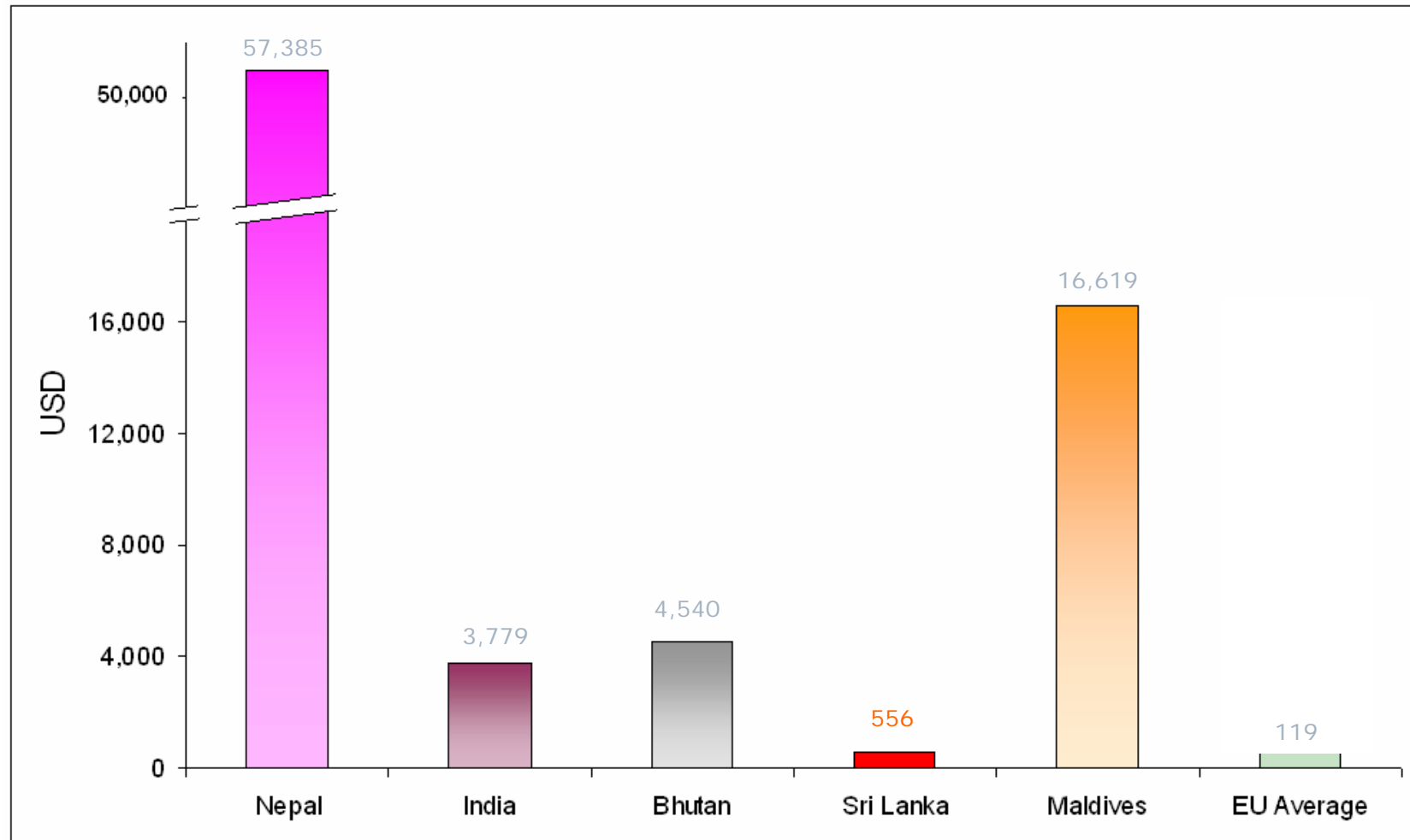
Domestic leased line prices (2 MB/100 km), benchmarked with South Asia



Source: Broadband Benchmarks : Feb 2008 – Preliminary results, LIRNEasia, <http://www.lirneasia.net/projects/benchmarks/>



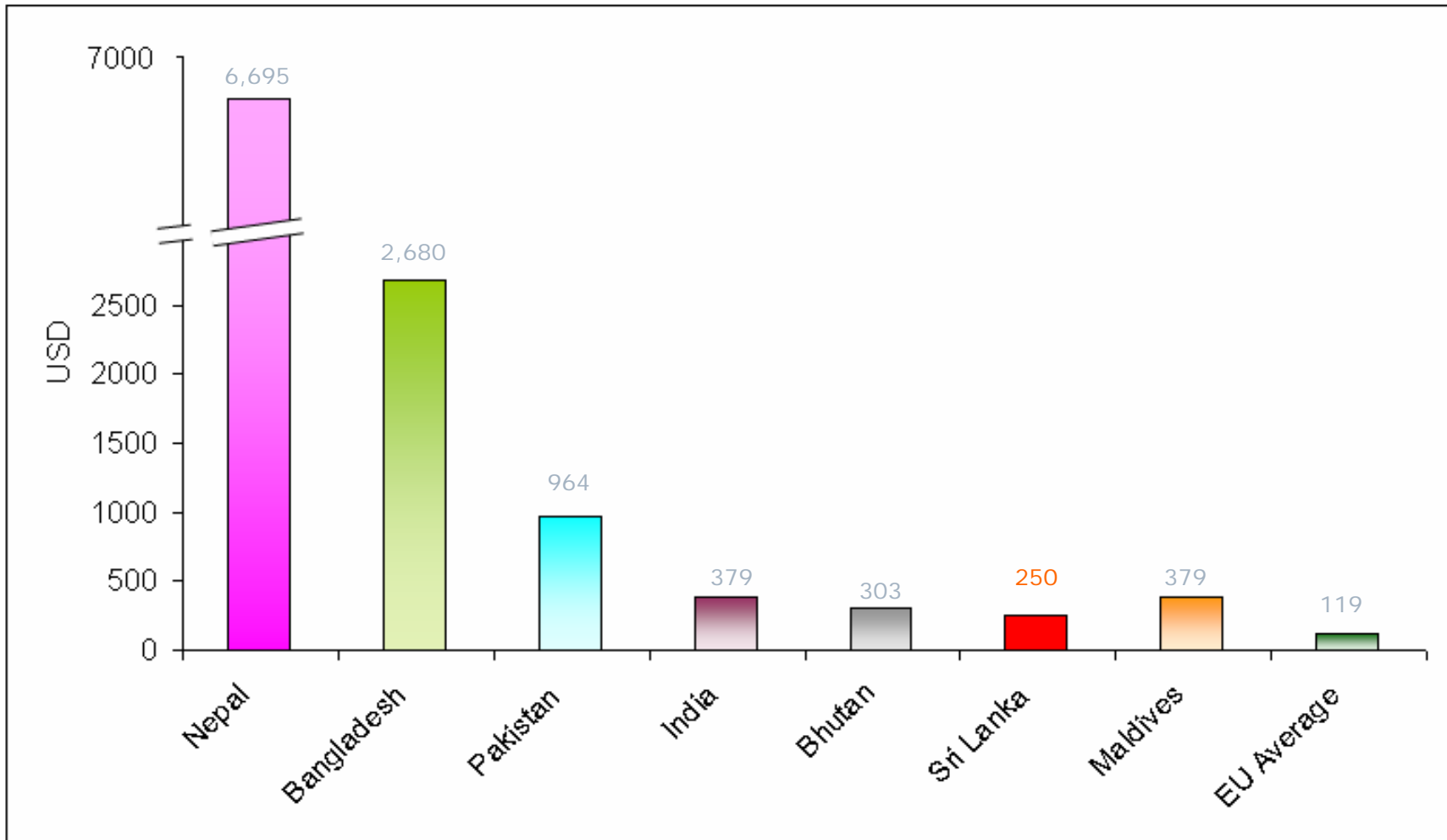
Business broadband (2MB, unlimited offering), benchmarked with South Asia and EU



Source: Broadband Benchmarks : Feb 2008 – Preliminary results, LIRNEasia, <http://www.lirneasia.net/projects/benchmarks/>



Home broadband (256kbps, unlimited offering), benchmarked with South Asia & EU

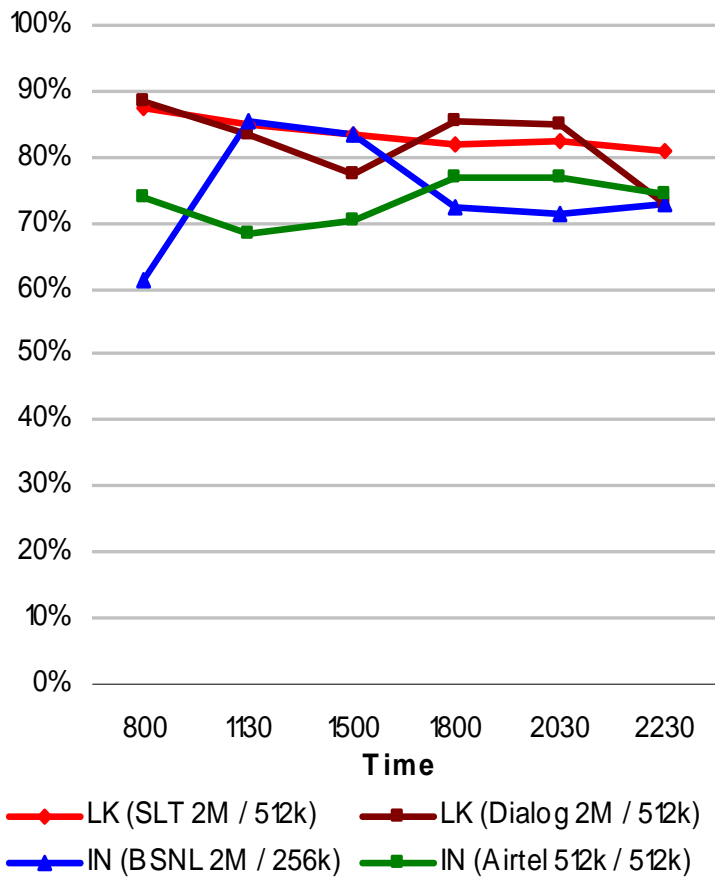


Source: Broadband Benchmarks : Feb 2008 – Preliminary results, LIRNEasia, <http://www.lirneasia.net/projects/benchmarks/>

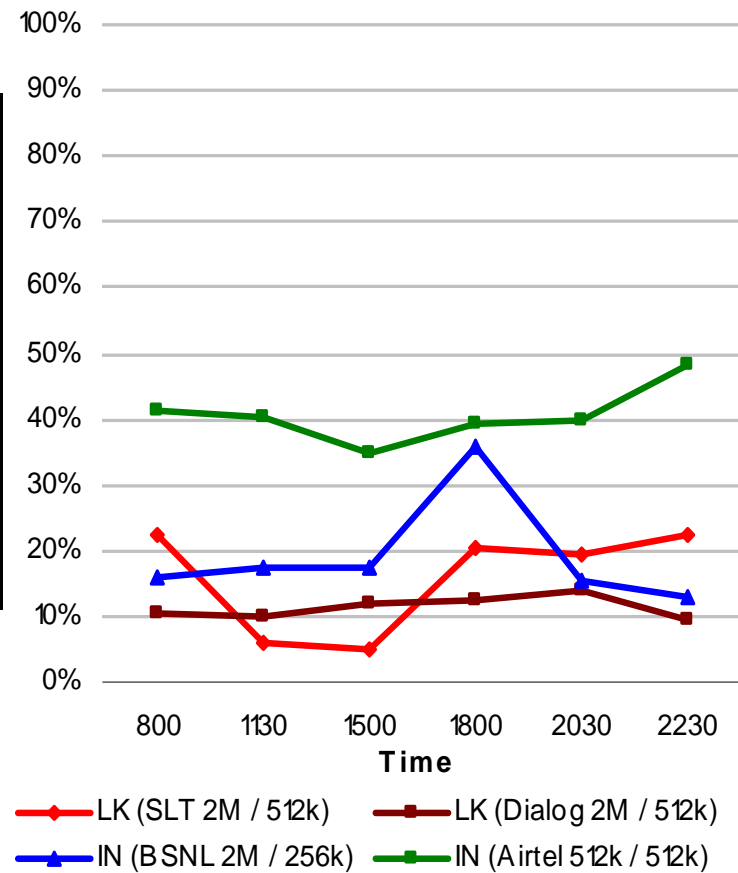


Business broadband QOS, India & Sri Lanka

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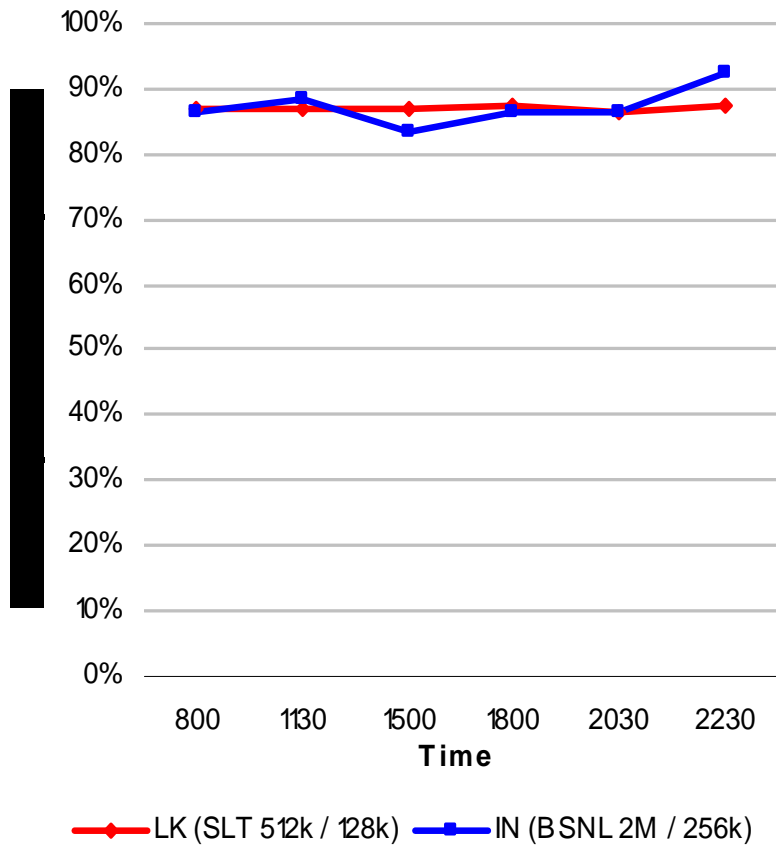


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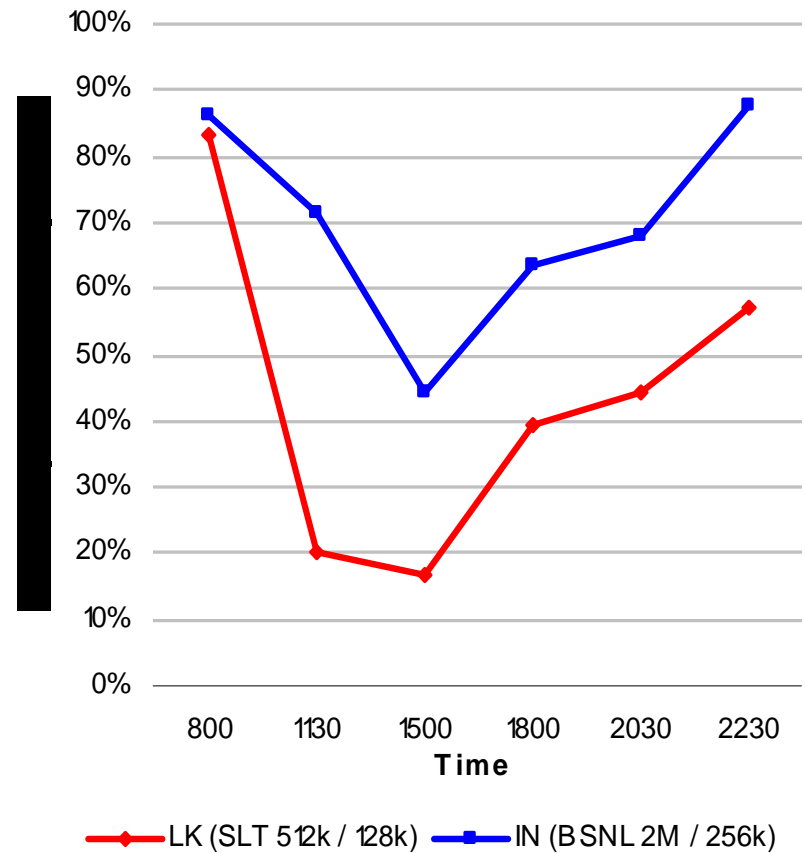


Home broadband QOS, India & Sri Lanka

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Conclusion . . .

- ❑ Much room for improvement
- ❑ Info infrastructure being improved, building on market opening actions such as ending of international exclusivity and issuance of WiMAX frequencies
- ❑ But, not as bad as portrayed in the Book, based on obsolete and tagential data



Broadband Benchmarks South Asia: Feb 2008- Preliminary Findings

can be found at:

<http://www.lirneasia.net/wp-content/uploads/2008/03/broadband-benchmarks-feb-2008-pdf.pdf>

