NATIONAL BROADBAND PLANS

Malcolm Johnson
Deputy Secretary-General
ITU

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2. What is a National Broadband Plan?

• High-level statement of policy or strategy, often with principles – NOT detailed regulations
• Represents a concerted mission statement on the part of Government (and/or regulator), often in consultation with industry & other stakeholders
• Normally acknowledge the roles of different players & delineate clear responsibilities
• Explains approach towards regulatory measures
3. Impact of NBPs

In its 2013 report, ITU found that:

- Adoption of a NBP is associated with 2.5% higher fixed broadband penetration,
- 7.4% higher mobile broadband penetration
- This result is consistent with a NBP focusing efforts of industry and policy-makers, emphasizing role of broadband as a national priority, & signaling national commitment to broadband roll-out.
4. Growth over Time & Current Status of NBPs

Source: ITU.
5. What do Plans Cover?

Source: ITU.
7. The Focus of National Broadband Plans/ Policies/ Strategies

Source: ITU.

Extends telecoms/ connectivity into the IoT, wireless sensor networks etc.
8. Best Practices for NBPs

- Technology-neutral;
- Based on benchmarking & market analysis;
- Projected lifetime of 3-5 years (longer difficult to predict in a fast-changing market);
- Consider both supply and demand;
- Present a mechanism for follow-up, revision or renewal;
- Contain detailed measurement indicators;
- Take into account & link to legislation in related fields;
- Clearly delineated responsibilities.
9. Five Policy Measures Which Make a Difference

1. Public investment in **backbone** and aggregation
2. Public investment in **access** networks
3. Regulatory framework for **infrastructure sharing**
4. **Inclusive/social offers** - subsidies
5. Regulatory framework **facilitating** **FTTx roll-out**

Source: Nokia/Diffraction Analysis.
10. High-level Trends – 4G

Source: ITU.
11. The cost of not connecting the unconnected

10 per cent increase in broadband penetration alone can lead to rises in GDP of between 0.25 and 1.38 per cent, with the highest positive impacts occurring in developing countries.

Not increasing broadband to universal coverage worldwide would mean missing an opportunity to raise GDP by 12 per cent in developing regions in 2030.

Source: ITU.
12. The Shifting Digital Divide

Source: ITU.
Thank you very much
Malcolm.Johnson@itu.int