













Policy should also address backbone bottlenecks

Resolving backbone bottlenecks

- Incumbent ownership of backbone networks can constrain competition
 - impose excessive access costs / limit availability of bandwidth and QoS supported / imposing restrictions on points of interconnection
- · Costs of duplicating backbone networks can deter market entry
- Regulators have two important functions
 - regulate new entrant access to existing infrastructure
 - appropriate pricing points and terms & conditions
 - encourage new backbone network deployment
 - · make alternative infrastructure accessible
 - · support access to government land
 - · incorporate telecom networks into new infrastructure

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In summary, regulated competition with active promotion

Key summary principles

- Focus on market liberalisation and promoting competition
 - encourage network deployment with incentives
 - support small-scale deployment in rural areas
 - develop and enforce asymmetric regulatory regime
- Encourage deployment of wireless broadband access technologies
 - co-ordinated frequency plans and technology neutrality
- Encourage build-out of backbone networks and regulate access to existing networks
- Develop awareness / understanding of broadband
 - e-government / ICT initiatives
 - encourage take-up / diffusion of end-user terminals

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