

Presentation to IPv6 Conference



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Ireland perspective

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Telecommunications Background

- Full Deregulation of Telecommunications 1998
- Independent Telecommunications Regulator 1996
- Electronic Commerce Act 2000
- Copyright Act 2002
- Commission for Communication Regulation 2002
- Ministerial Policy Directions
- European Regulatory Framework for Electronic Communications July 2003

Telecommunications Infrastructure



- Affected by Telecommunications market downturn
- Low ranking for broadband take up
- Delay in rollout of WLL and 3G technologies

Investment program



- 200 million euro broadband program 2000-2006
- Global Crossing project
 - International connectivity
 - 36 Eu cities and US
 - cost 78million

Investment program



- Local Authority Metropolitan Area Networks
 - Countrywide
 - Public ownership
 - fibre and colocation
 - cost 64 million to date

Investment program



- Funding of DSL rollout
 - 75% of lines enabled by March 2004
 - falling retail and wholesale price
 - takeup increasing
- Funding of Backhaul circuits
 - excess of 1,500 Km of fibre installed
- Funding of wireless local area networks
 - 5 companies grant aided

Technology Trails



- E-Commerce call
 - software and hardware technology developments
- Satellite Trail
 - Deployment of VSAT technology in rural areas
- Wireless trials
 - Deployment of local area networks and hotspots

Investment program



- Enum trials
 - being set up
- IPv6
 - Task force proposed
 - Education networks upgraded
- ESB Powerline Trials

Future



- Infrastructure issues - plan identified
- Question of service provision
- New technologies
 - killer application
 - VoIP
- Build on the educational infrastructure for research

The Infrastructure

