



Regulatory response

- regulator should not attempt to prejudge the outcome
- at risk of distorting the market
- regulation should be based on:
 - technology neutrality
 - forward looking costing
 - open networks
- let the market work







Sector response

- telecoms companies (telcos) need to find a way to recover their costs in the new environment
- the likely outcome appears to be:
 - move to access subscription based charges;
 - with some provision for congestion where appropriate; and
 - content charging using micro-transaction software
- together with some fairer charging for Internet transmission facilities



Spectrum Management

- increasing use of wireless in telecommunications
- traditional means of administered spectrum management ("command and control") under pressure
- dissatisfaction with auctions and wish to develop improved market mechanisms
- development of concept of spectrum trading



Ofcom (UK) spectrum vision

- 1. spectrum should be free of technology and usage constraints as far as possible. Policy constraints should only be used where they can be justified;
- 2. it should be simple and transparent for licence holders to change the ownership and use of spectrum; and
- 3. rights of spectrum users should be clearly defined and users should feel comfortable that they will not be changed without good cause



Broadband

- broadband provides the universally capable network platform for converged communications (text to moving pictures)
- could be used as a means of re-monopolising local network operation
- should become the basis for sustainable competition and choice across full sector
- market segmentation possible at all levels
- main regulatory challenge: ensuring fully open networks ("real equality of access")

Elements of real equality of access (UK example)

- business separation:
 - Access Services Division
- separate supervision:
 - Equality of Access Board
- "equivalence of input", full access products:
 - Wholesale Line Rental (WLR)
 - Local loop unbundling (LLU)
 - Fibre access and backhaul products
- 21st Century Network designed accordingly

SPAM

- liberty should never be confused with licence
- the dream of an unregulated Internet was always a chimera
- the reality is that all forms of communication must respect the law
- which provides protection from infringements of human rights, privacy, consumer rights, decency and good taste
- spam is one aspect of this confusion



Current action on Spam

- programme of discussion and action in implementation of the Declaration of Principles and Plan of Action
- adopted on 12 December 2003, at the first phase of the World Summit on the Information Society (WSIS)
- on agenda for Tunis phase of WSIS
- generation of effective international action to counter the problem
- promoting global culture of cybersecurity

