

14th Global Symposium for Regulators (Manama, 2014)

Capitalizing on the potential of the digital world

Presentations

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Committed to Connecting the World Cross-cutting regulatory questions/areas w of concern						
Privacy	Security	Illegal and harmful content				
Copyright	Net neutrality	Payments				
Consumer rights and trust	Delivery	Consumer redress and education				



Information and network security

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Emerging solutions/best practices

- In the EU, new legislation in preparation to force 'key internet enablers' to notify security breaches to customers and to national regulators
 - Member states would also be obliged to set up national competent authorities to deal with network and information security
 - National competent authorities would be able require market operators to undergo security audits
- Industry led solutions























Committed to Connecting the World itu **Regulatory Responses** Licensing Facilitating licensing processes, de-licensing, license-exempt, and issuing MVNO licenses (e.g., licenses in China, Kenya) Access obligations Modifications in wireline network access (e.g., Canada, Brazil) Wholesale, open access models (e.g., Australia, Brazil, Oman, Kenya, Mexico) Network and spectrum sharing Viewed favorably as promoting competition and facilitating entry generally (e.g., Jordan, Kenya, Israel, India) Some concern regarding collusion with active sharing although that is Mandated national roaming and infrastructure sharing antiough that is changing (e.g., spectrum sharing in Sweden) Mandated national roaming and infrastructure sharing to assist new entrants (e.g., Chile, Colombia, France, Jordan – often challenged by incumbents) or imposed via merger conditions (e.g., Portugal/Optimus/ZON transaction)

ITU Regulatory Responses (cont'd) Horizontal and vertical integration > As large network operators vertically integrate with

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- large content providers, concerns about the potential for anti-competitive behaviors are raised (e.g., pending Comcast and Time Warner merger in U.S.)
- Net neutrality (consumer/competition issue) General principles of net neutrality
 - > Regulations or proposed regulations (e.g., Brazil, Canada, Chile, EU, U.S.)
 - Tiered data plans, prioritization, sponsored data plans - good/bad?
 - Is regulation needed or is this addressable through quality of service regulations for data traffic?

Regulatory Responses (cont'd) Internet interconnection Competition concerns are being raised by content providers (CPs) and content distribution networks (CDNs) that peering and transit arrangements are no longer reasonable.

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Is regulatory action necessary to foster competition? Would greater transparency/reporting requirements be a sufficient mechanism to address concerns (e.g., ARCEP – France)?

Mechanisms to protect consumer choice

- Contractual obligations (preventing customer lock-in)
- Number portability (ease of switching providers) Interoperability (e.g., cloud computing, mobile banking)

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Expected benefits:

Efficiency

Transparency

Accountability

RIA: main challenges

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Procedural and organizational challenges

- Need for well-designed legislative/regulatory planning Need for adequate governance arrangements, and in particular the existence of a regulatory oversight body
- Requires wide acceptance in the administration
- Adequate skills
- > Transparency in the administration and accessibility of public information

Methodological challenges

- > Get the scope right: primary v. secondary legislation
- Get the scope right: all regulations or only major ones?
- Choose the methodology carefully

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RIA in the ICT sector: examples

- Leading countries
 - > UK (OFCOM)
 - European Commission
 - > US FCC (cost-benefit analysis)
- Examples of RIAs •
 - EU Roaming regulations
 - > Australian RIS on lot design for clearing the digital dividend
 - > Qatar's RIA on the Quality of Service for telecommunications

itu RIA in the ICT sector: checklist (1)

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- Adopt a "holistic" approach
- Ensure appropriate governance arrangements
- Build regulatory capacity in administrations
- Sustained focus and political commitment



13. How will the regulation be monitored and evaluated?





Regulator roles and coordination						
 Regulator may ha on scope and cap Key areas include 	ve both lead and suppo acity (many dimensions	rt roles - depending of broadband plans).				
Regulation	Strategic & cross-sector coordination responsibility					
Spectrum	Market reform & monitoring	Human capacity building & awareness raising				
Civil works	Universal service project management & evaluation	Innovation promotion & outreach / feedback				
Capacity building	E-government services promotion & evaluation	Management & reporting on public investments				
Government,	education and health s	ectors				

Monitoring indicators and outcomes					
Broadband deployment — adoption — integration					
Broadband network availability	>	Broadband access & capacity building for effective use	>	Broadband integration in economy and society	
Deployment	>	Adoption	>	Integration	
Examples: optical fibre cable and wireless broadband access networks		Examples: digital literacy programs; community access projects and programs		Examples: e-health, e-governance, e-education and e-commerce strategies	
Telecommunications indicators					
		Performance indicators			
				Outcome measures	
Indicators & outcome measures monitor achievements against targets. Performance indicators track program results, costs, benefits & progress against 'process milestones' (e.g., for regulations, agreements or contracts).					
Source: autnor					











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- Monitoring and feedback: a key part of broadband plans.
- Shared information (and mapping) supports informed decisions and contributions.
- Indicators of availability, adoption and use of broadband can facilitate international comparisons.
- Adoption indicators relevant to local communities may target socio-economic groups and regions with special needs.
- Process milestones/progress can be published online.
- Contracts, licences, projects and programs can have built-in monitoring and feedback requirements.
- Collaboration beyond the communications sector may benefit from short, medium and long-term perspectives.
- Support national and international work on impacts on social and economic life, reviewing benchmarks if necessary.

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