

The Regulators Perspective

New Generation Optical Networks

ISCTE

José Ferrari Careto

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Anacom is :

- Anacom is the Portuguese **regulatory body** for electronic communications
- Anacom is the Agency that **manages the spectrum** in Portugal
- Anacom is ...

Anacom should :

- **Promote competition** in the provision of electronic communications networks ...
- ... **encourage efficient** and **innovative** investments...
- ... and stimulate **efficient** use and to ensure the **effective** management of radio frequencies

NGN/NGA: Challenge for Regulators:

- Several **stakeholders** with different interests at stake
- Technology and service **neutrality**
- How to **conciliate** different perspectives and **present** and **future**?
- How to conciliate **innovation** and **competition**?
- Additional “**context pressure**”

Different stakeholders:

- Customers, Operators and Industry
- EU bodies (**commission**, parliament and council)
- National Governments
- Regulators (... and ERG) and

Customers:

- More bandwidth, new applications, more choice, same price, better QoS
- Simplicity
- Drivers? TV (3D-TV, HDTV, cloud computing...)
- Focused on short term

Operators :

- Incumbents vs. Attackers
- GPON vs. Point to Point
- Regulatory predictability
- Business Model: keep customers, increase ARPU, avoid pipe and commoditization syndromes

European Union:

- Defining a common approach to NGAs
- Commission (draft) recommendation on regulated access to Next Generation Access Networks.
- Broadband in Under-Served Areas / NGAs

National Governments :

- New vision, new paradigm
- NGAs as a tool to fight the International Crisis
- Dealing with the digital divide in a new context
- Defining rules where regulation is not enough (or allowed...)

Regulators :

- Regulation boundaries
- Trade off between innovation and competition
- Remedies dealing with passive and active infrastructures

The Portuguese case: Government

- Council of Ministers Resolution 120/2008
- Agreement with operators concerning NGN (credit facility 800 M€ + EU funds + 1,5 M connections in 2009)
- Draft decree law related with NGNs provision

The Portuguese case: Regulator:

- Good starting point: Ducts Access in place since 2006
- Markets 4 and 5 analysis covering Optical Fiber Networks and covering ducts access
- Public consultation on the regulatory approach to next generation access networks
- Plans to improve ducts access reference offer

Information available at

www.anacom.pt