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