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Telecommunication: Policies and Development in Switzerland

René Doenni Kuoni

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Policy goals for an Information Society in Switzerland

• National strategy since 1998; revised in 2006 and in 2012

• Common framework for the activities of the federal administration

• Decentralised implementation (Federal, Cantonal)

• Two main objectives, set by the Federal Council (2012):
  • Switzerland’s economy will become innovative and internationally competitive through the use of ICT
  • ICT will be used for the benefit of all and will make Switzerland an attractive environment for living
Telecom Regulation in Switzerland

- Ex post regulation for interconnect and LLU of Copper
- No regulation of Fiber access in the Swiss Telecoms Act
- Restricted Bitstream Access Regulation (4 Years)
- Regulated Duct Access
- Demanding Universal Service obligations
Swiss Government: Telecom Report 2014

- Review of current situation:
  - Technological evolution, new market forces, new needs for society
  - Access Regulation
  - Incentives for Next Generation Access (NGA) rollout
  - Consumer protection and youth protection
  - Internet Government, Net neutrality, International Roaming, Cyber-Security and mission critical services

- Project for amended Telecoms act, public consultation process foreseen by end 2015:
NGA deployment: Swiss features

• Part of Governmental strategy on information society.

• Good quality infrastructure (ducts, utilities, spare capacity). Strong Cable industry in Switzerland.

• FTTH Cooperations in Cities. Swisscom & Utilities Round Table, mediated by the Regulator. „4 fibers“

• Multistakeholder working group, lead by Government: Broadband mapping and publication of examples. Transparency and awareness.

• Political debate is focussed on investments and on coverage.
Universal Service Obligation: Guaranteed Broadband of 2 Mbit/s

- New Obligations as of 1.1.2015
  - Guaranteed bandwidth 2 Mbit/s / 200 Kbit/s.

- Gouvernment Decree: Legally binding, guaranteed quality

- Financing mechanism: Net USO-costs to be covered by telecoms sector

- Longterm considerations needed to develop USO of the future
Fixed (wired) Broadband in the OECD

OECD Fixed (wired) broadband subscriptions per 100 inhabitants, by technology, June 2014

Source: OECD
NGA development in the OECD

Fixed (wired) broadband penetration, historical leading OECD countries through

Source: OECD
NGA development in Europe

Total Next Generation Access coverage

Source: BGE 2012
NGA-Perspectives for Switzerland

According to Operator announcements as of 3/2015

According to Operator announcements as of 3/2015
NGA: Jointly developed Guidelines

• Dedicated for local actors: Cantons, Communities, Operators
  • Transparency
  • Fostering NGA-deployment
  • Activation of local forces

• See: http://hochbreitband.ch/fr/
Alpine regions: e.g. Surselva
2 Mbit/s Download fixed network
100 Mbit/s Download fixed network
Fixed Competition Map
Thank you

Bern: Unesco World Heritage