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**TELECOMMUNICATION: POLICIES AND DEVELOPMENT
IN SWITZERLAND**

SESSION 4



UNITED NATIONS
UNCTAD

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Telecommunication: Policies and Development in Switzerland

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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:

<http://www.bakom.admin.ch/dokumentation/gesetzgebung/00512/03498/index.html?lang=en>



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.



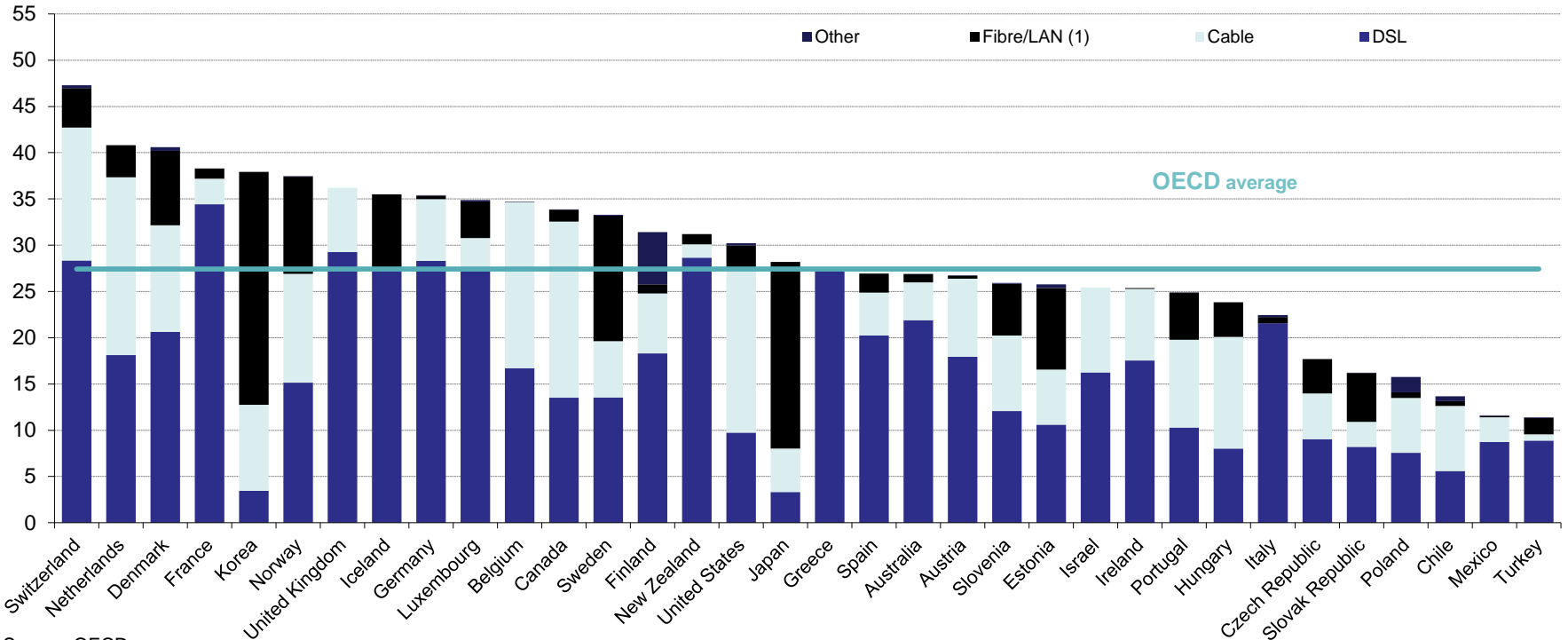
Universal Service Obligation: Guaranteed Broadband of 2 Mbit/s

- New Obligations as of 1.1.2015
 - Guaranteed bandwidth 2 Mbit/s / 200 Kbit/s.
 - Government Decree: Legally binding, guaranteed quality
<http://www.bakom.admin.ch/dokumentation/medieninformationen/00471/index.html?lang=fr&msg-id=55090>
 - 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

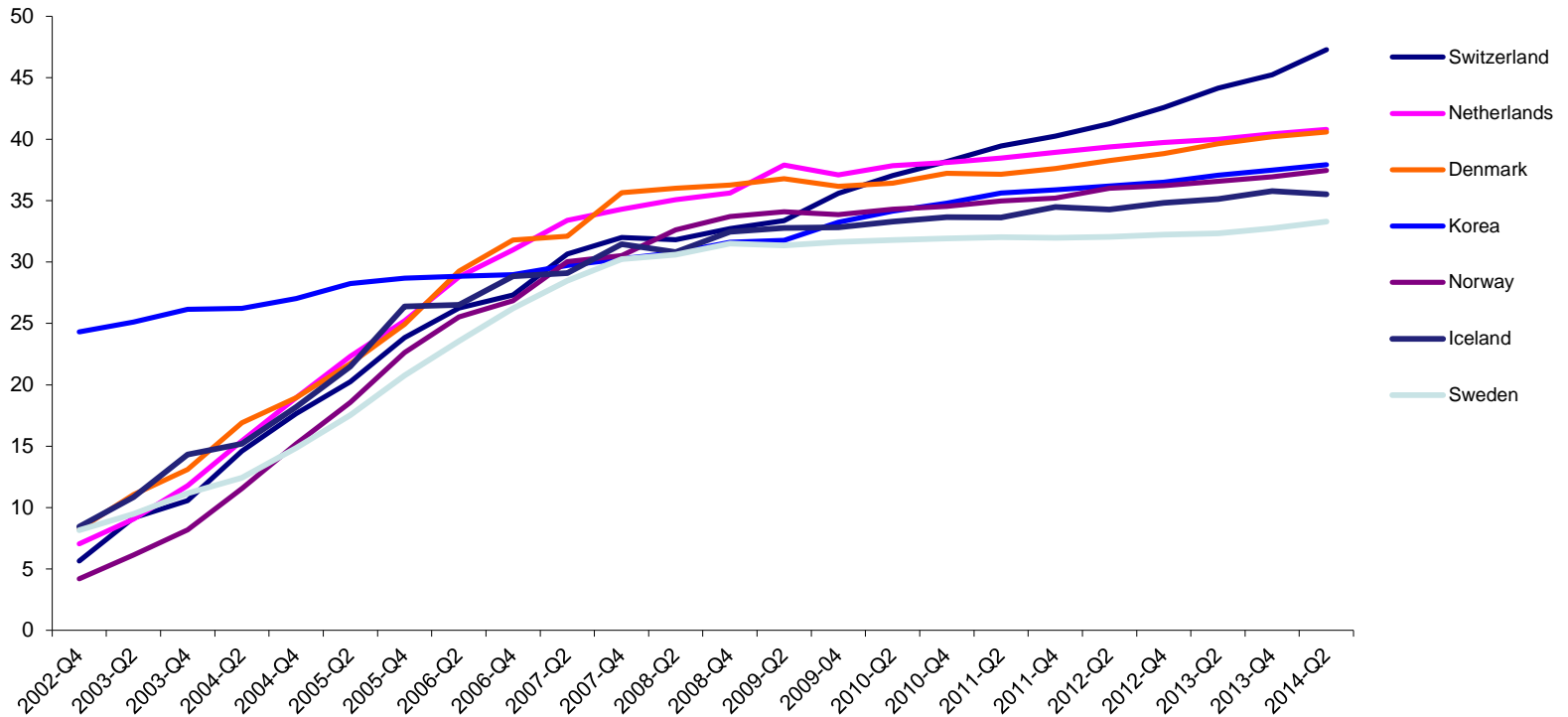


Source: OECD



NGA development in the OECD

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

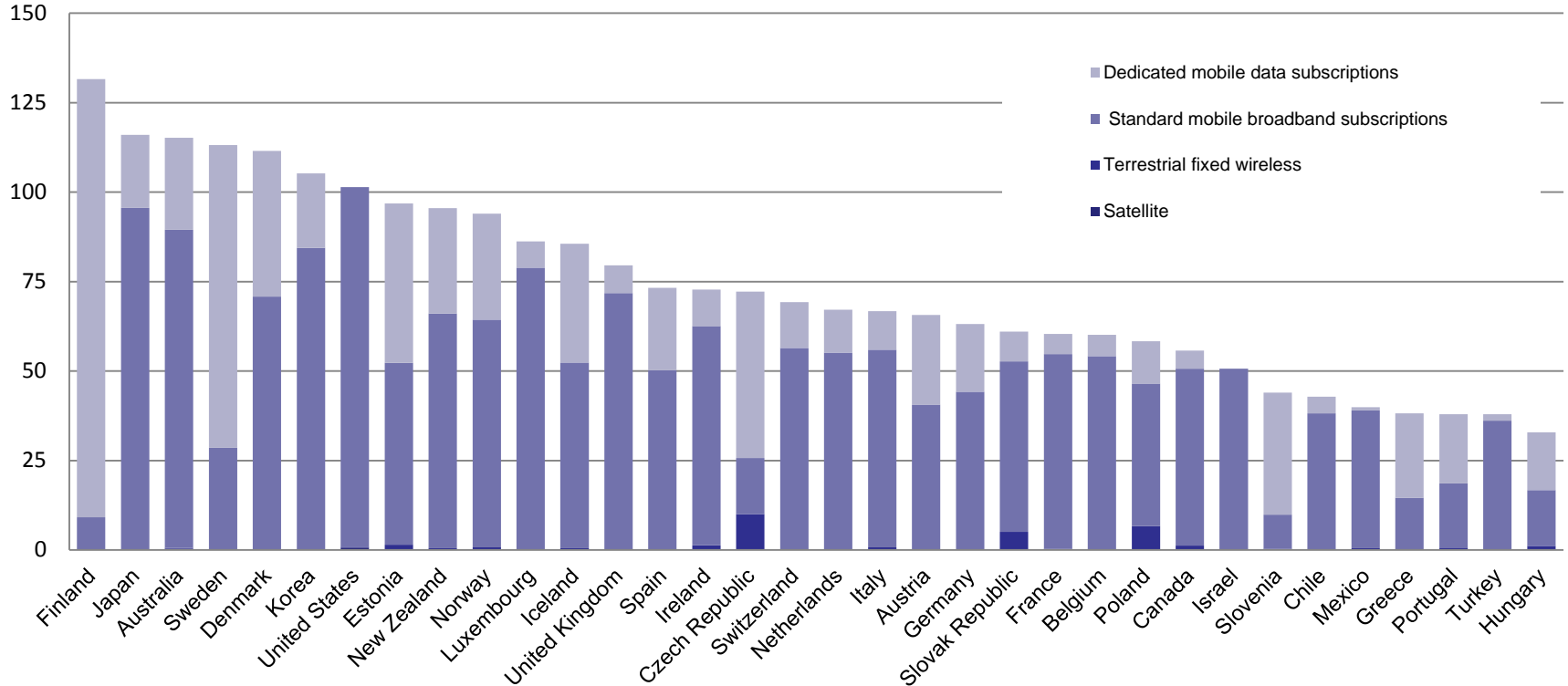


Source : OECD



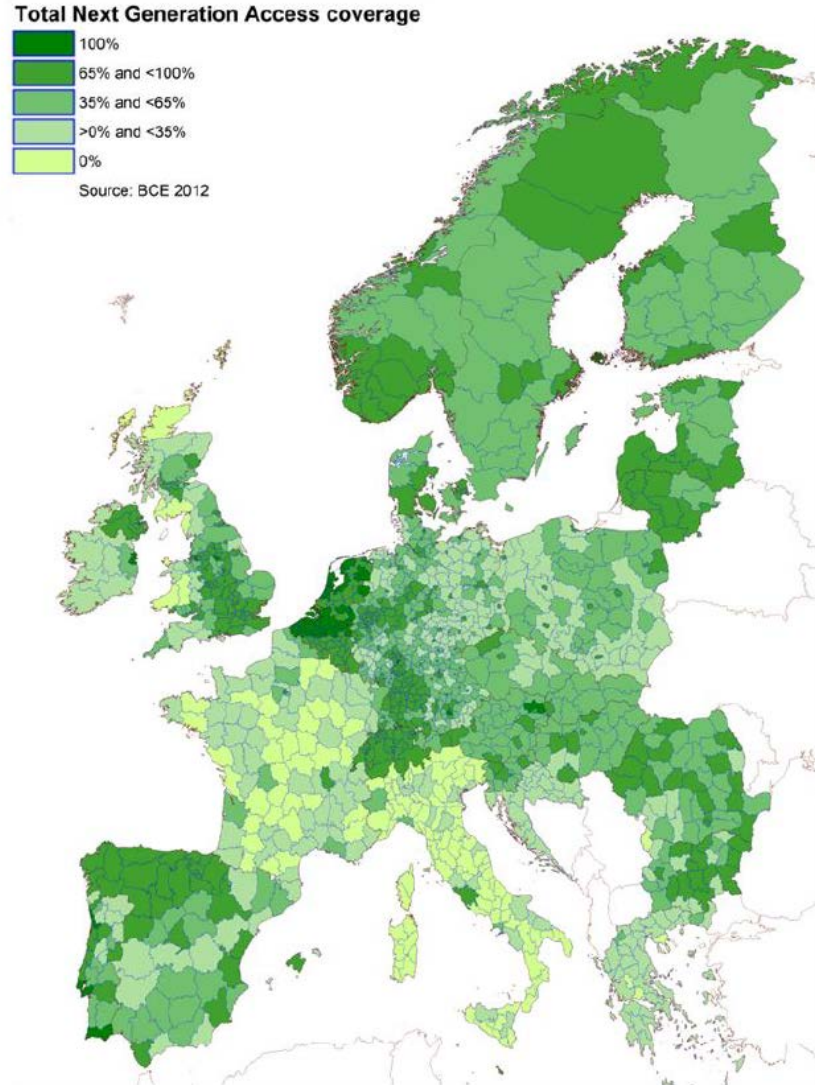
Wireless Broadband in the OECD

OECD wireless broadband subscriptions per 100 inhabitants, by technology, June 2014



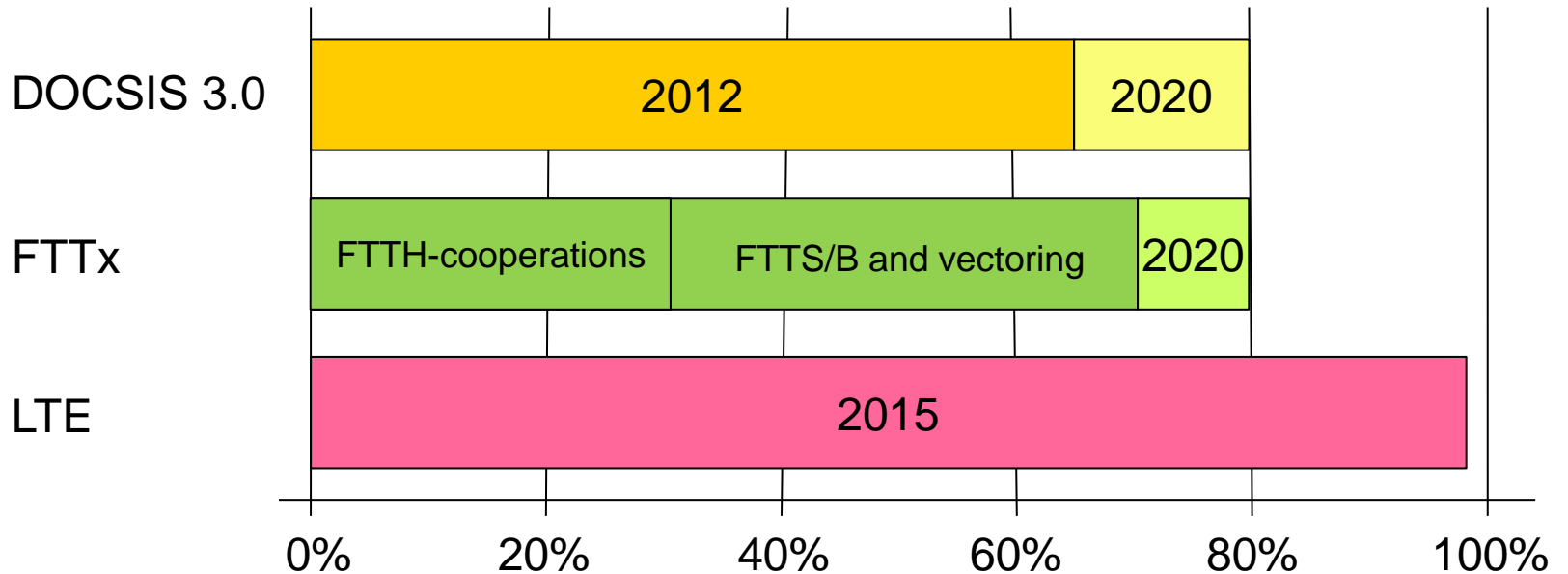


NGA development in Europe





NGA-Perspectives for Switzerland



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

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In collaboration with the cantons

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Available download speeds

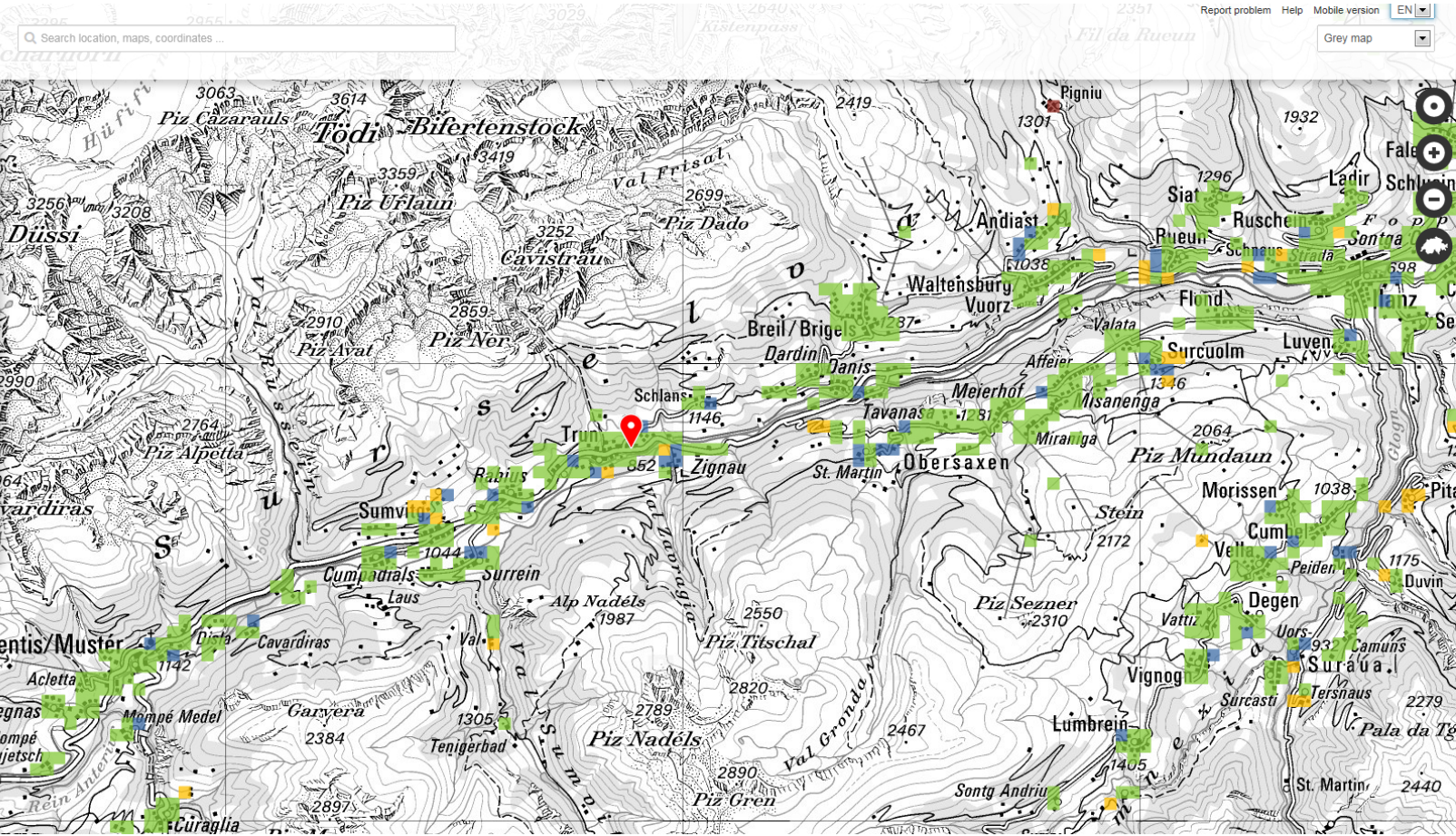
- Download \geq 1 Mbit/s
- Download \geq 2 Mbit/s**
- Download \geq 10 Mbit/s
- Download \geq 20 Mbit/s
- Download \geq 50 Mbit/s
- Download \geq 100 Mbit/s

Selection

- Download \geq 2 Mbit/s**

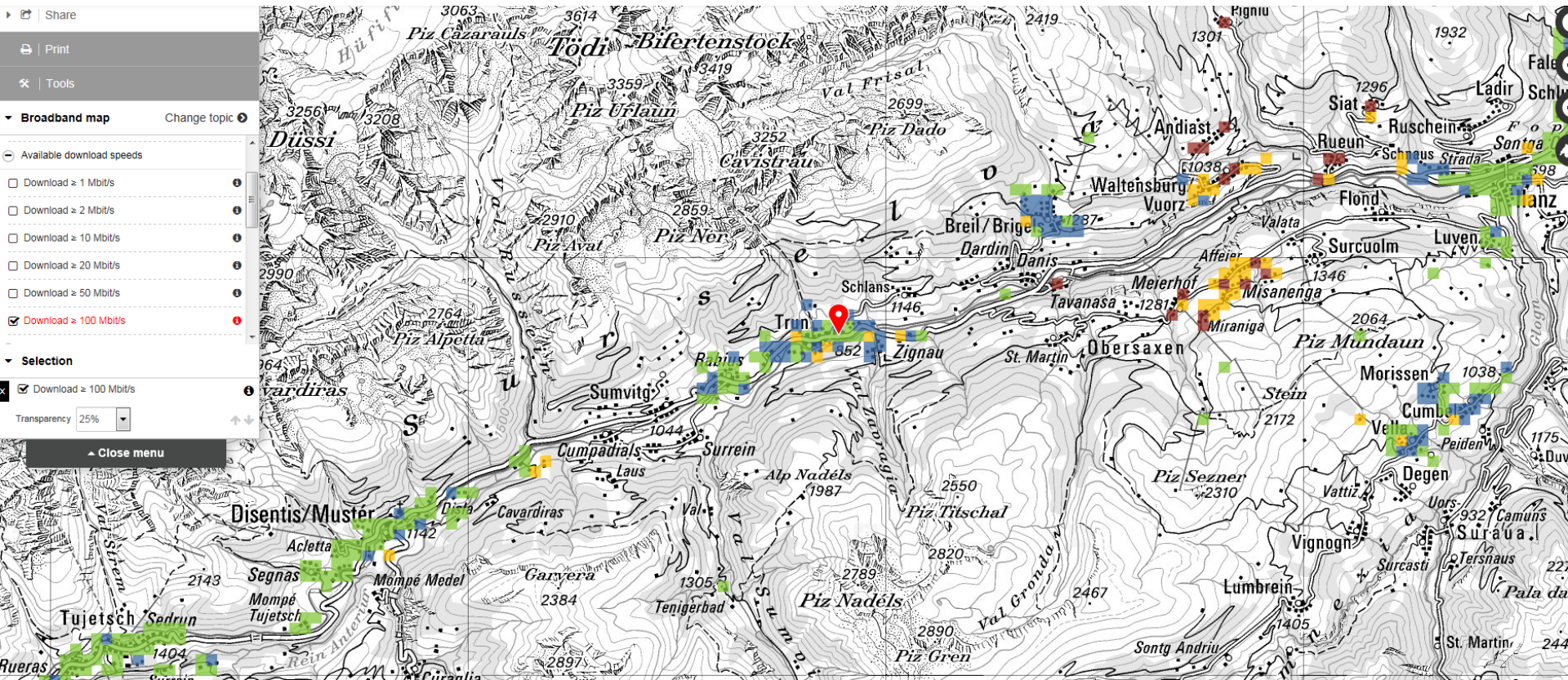
Transparency 25%

Close menu



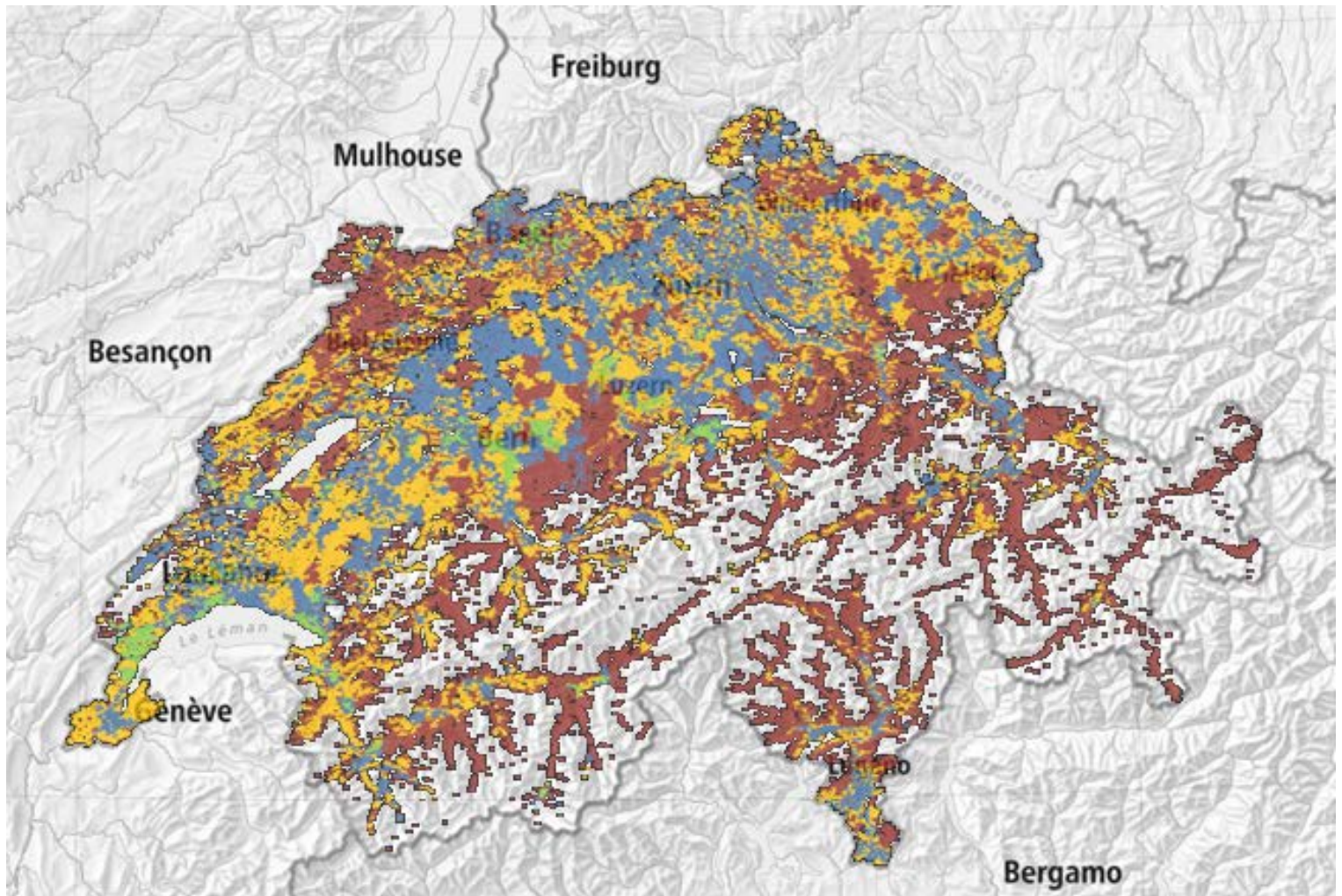


100 Mbit/s Download fixed network





Fixed Competition Map





Thank you

Bern: Unesco World Heritage

