

The background is a vibrant blue digital scene. On the left, a portion of a globe is visible, showing continents and oceans. The right side features a perspective view of a digital highway or data stream, with glowing lines and a bright light source at the horizon. Binary code (0s and 1s) is scattered throughout the scene, appearing to flow and pulse. The overall atmosphere is futuristic and high-tech.

# THE FUTURE OF CONNECTIVITY

Unlocking Europe's Potential

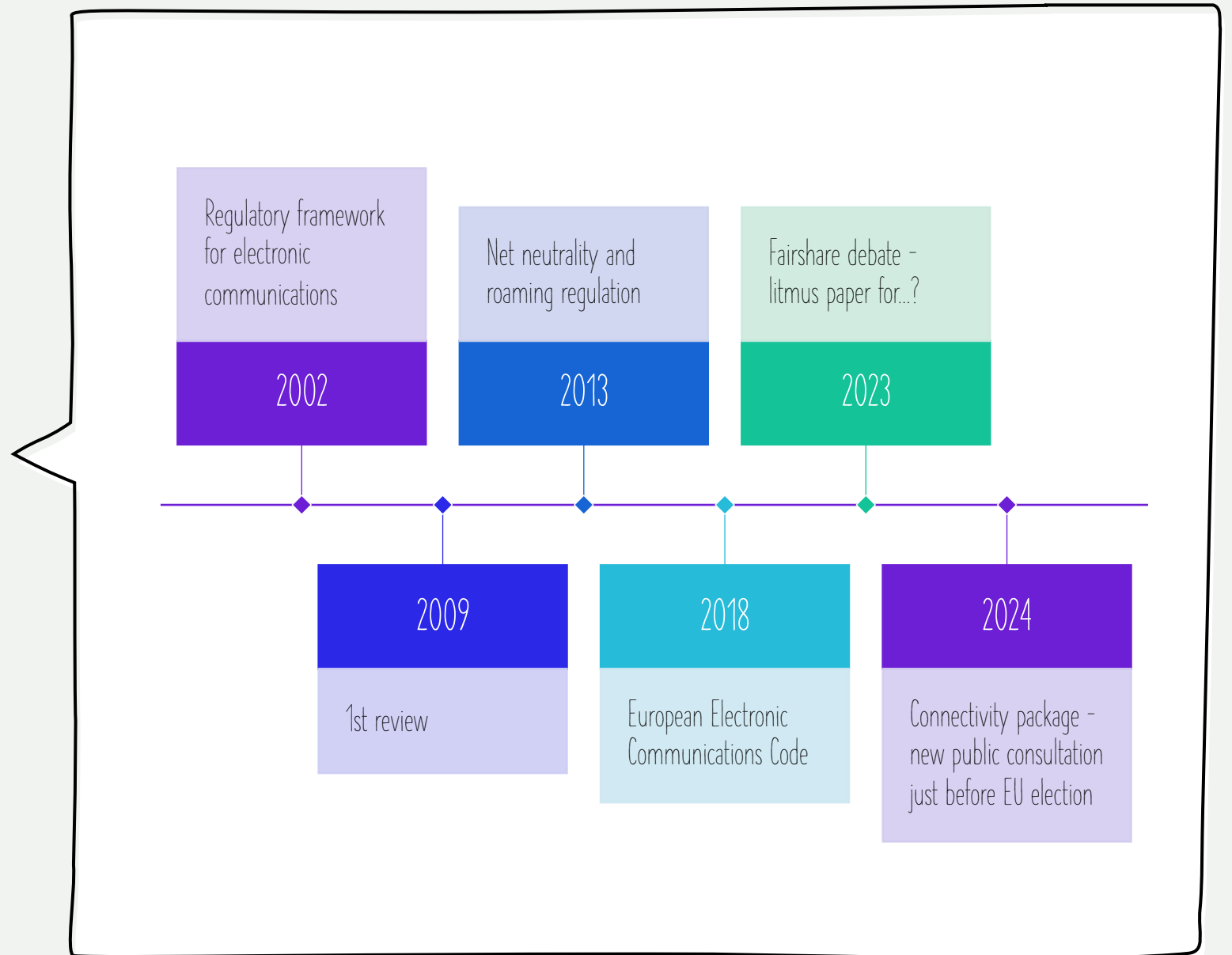
# INTRODUCTION



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- graduated from the Faculty of Law of Masaryk University in Brno and Faculty of Information Management
- Head of International Unit - electronic communications - Ministry of Industry and Trade
- Chairman of the Council of the Czech Telecommunication Office (2013-2020)
- Analyst, partner for regulatory affairs in the Czech neutral Exchange point NIX.CZ

# HISTORY OF EU TELCO REGULATION





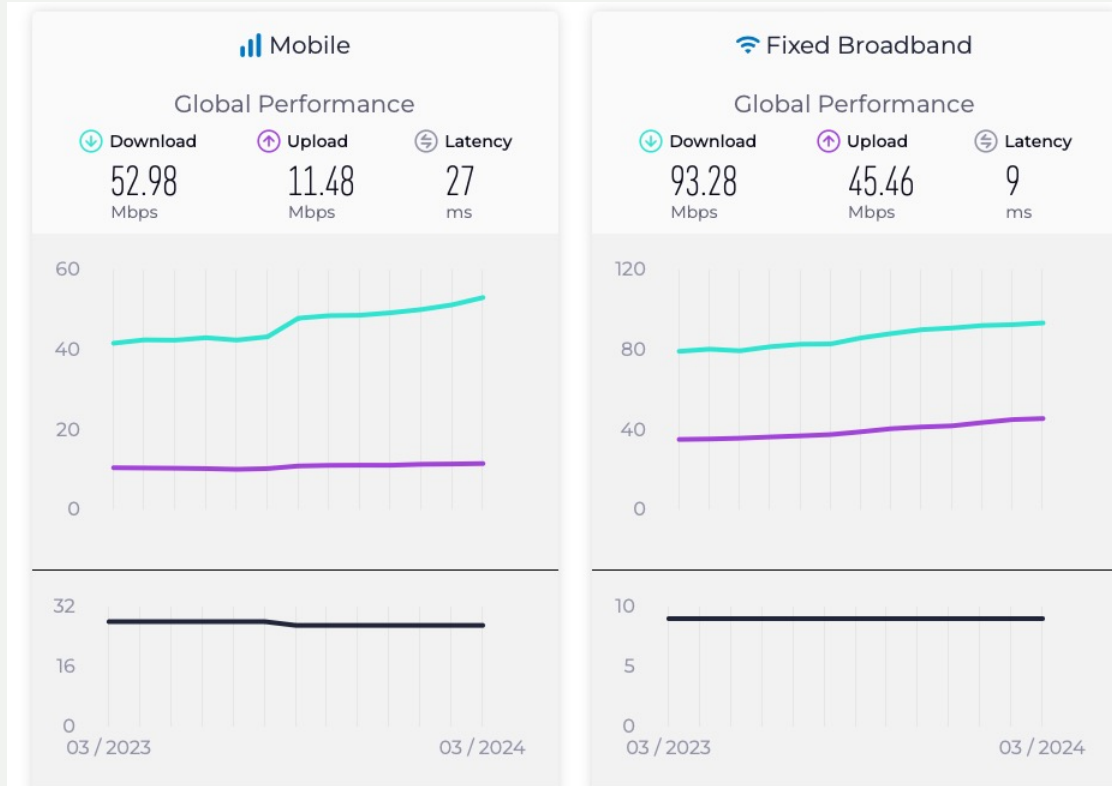
# WHITE PAPER - HOW TO MASTER EUROPE'S DIGITAL INFRASTRUCTURE NEEDS?

- European Commission: "We are late...!...in fibre coverage, 5G, massive investments"
- Challenges
  - New business models/markets
  - Geopolitical context
  - Investment needed to reach DD targets
  - Lack of single market
  - Lack of level playing field
  - Sustainability



# THE PRESENT IS NOT SO BLEAK

- The telecommunications landscape in the EU has largely been a triumph, offering competitive prices and widespread Internet access to European citizens and businesses alike.
- For regions where private broadband investment is not viable, national and EU funding initiatives are in place to bridge the digital divide.
- Functional net neutrality rules in the EU.
- Roam like a home - EU success (even for Eurosceptics)



HOW MANY EU COUNTRIES  
ARE IN TOP 27?

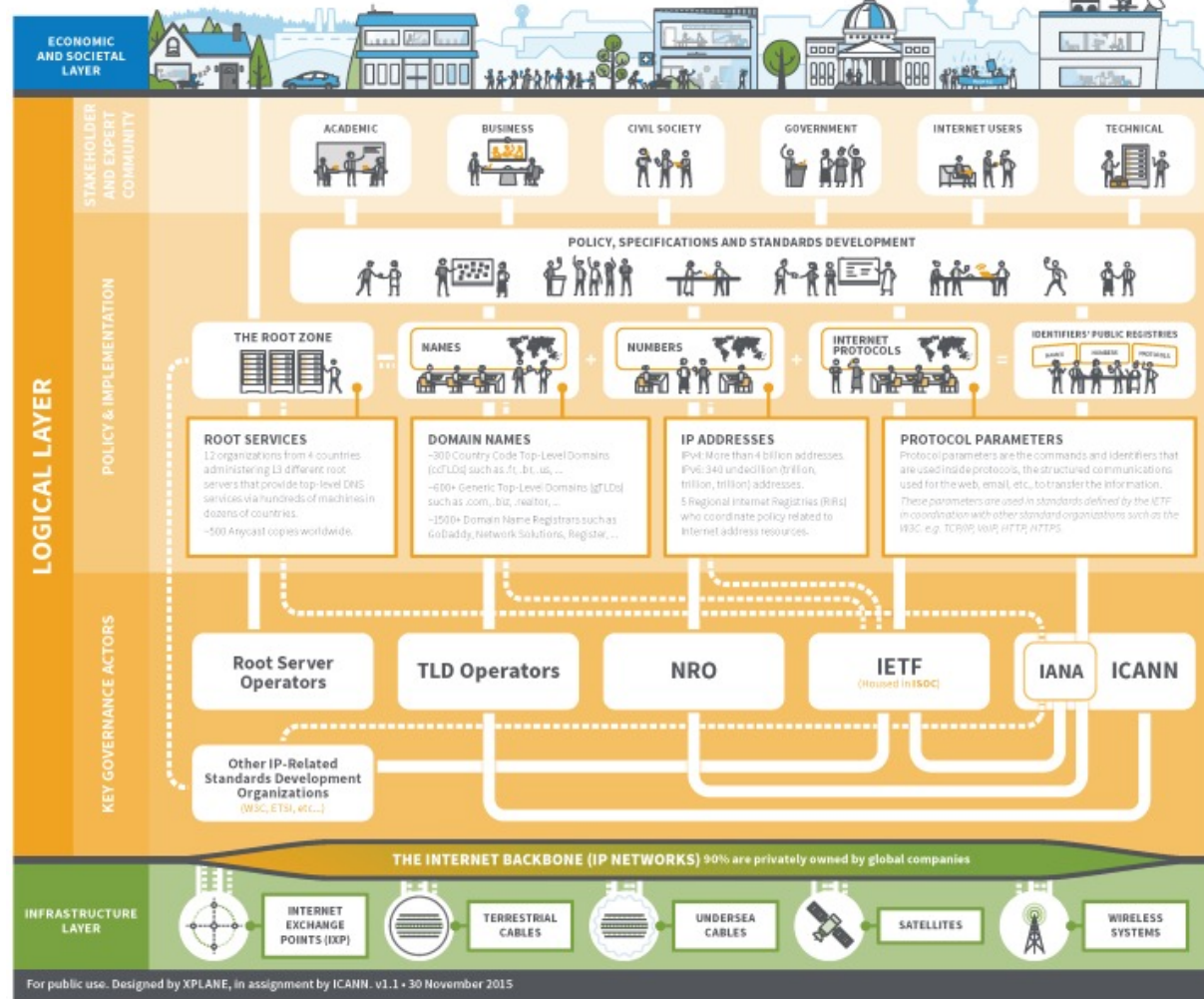
10 for mobile (+3 EFTA)

7 for fix (+ 2 EFTA)

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# THE LOGICAL LAYER OF DIGITAL GOVERNANCE

Layered on top of the Physical Infrastructure's thousands of networks and satellites, the Internet's Logical Layer is what delivers One Internet for the world through Unique Identifiers (Names, Numbers, and Protocol Parameters). ICANN coordinates the administration of this layer in partnership with other technical communities to ensure the security, stability, resiliency, and integrity of this critical layer.



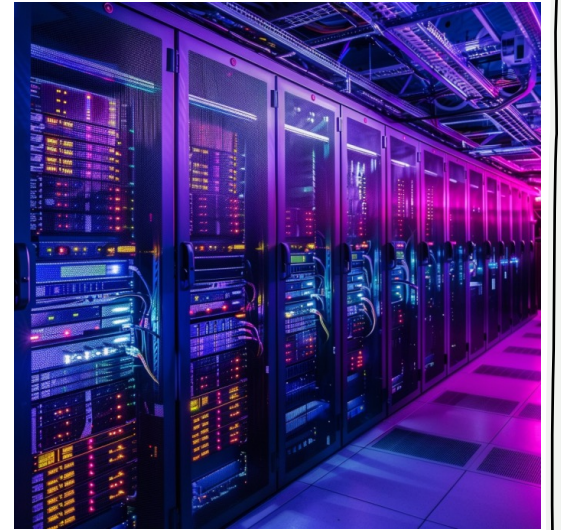
The risk of unintended consequences underlines the need for a holistic, in-depth analysis that takes into account the multi-layered nature of the Internet and the interdependencies between these layers.

# IXP USE CASE

- 1 Internet Exchange Point - 10 employees, presence in 3 member states
  - Regulation under the national law - commercial law, labour law, social contributions
  - Regulation under the EU "harmonised" law - EECC, NIS, CER, CRA...

Questions:

- What are the regulatory costs of development and expansion?
- What is the stability of such regulation?
- How will the regulation be written into the decision-making practice of the courts?





## FUTURE - WHAT ARE THE REAL NEEDS?

- Simple rules based on the qualified decision
- Timely implementation of the simple rules
- Simple interpretation of the simple rules
- Fast and fair enforcement of the simple rules

# FUTURE - WHAT ARE THE REAL NEEDS?

- The shift from asymmetric to symmetric regulation means an extremely higher burden for small players - the EU SME Envoy will not help with this burden.
- Regulation should not organise the market, but address market failures.
- Telco players should forget about the level playing field - after DSA and DMA approval, level playing field is not issue anymore.

A wooden figure, possibly a stylized person or character, is positioned in the lower center of the image. It is holding a white speech bubble with a black outline. The speech bubble contains the text "THANK YOU FOR YOUR ATTENTION" in a black, serif, all-caps font. The background is a solid, bright yellow.

THANK YOU FOR YOUR ATTENTION