

# Code and other laws: The proposed telecoms package

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# Simplified Digital Value Chain

Global  
↑  
Local





## Digital Services

 Deutsche Telekom  
 orange™  
 vodafone

Com OTTs using numbers  
Classical telecom services

 skype™  
 Viber

Com OTTs without numbers

 G  
 a  
 f  
 NETFLIX

Others OTTs

- Marketplace
- Search engine
- Cloud computing
- Social network

## Internet Access Services

## Digital Networks

Fixed  
 Deutsche Telekom  
 orange™  
 vodafone

Mobile

 LIBERTY GLOBAL

Satellite



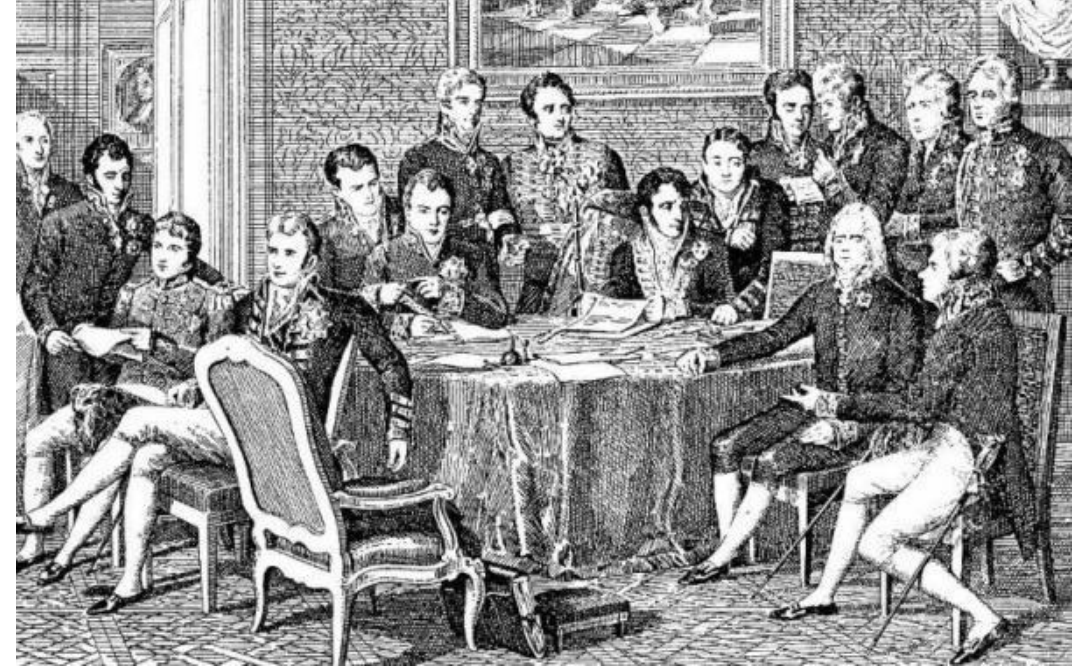
# 1. Digital networks

- Connectivity needs
- Right industrial policy priorities
  
- More flexible regulatory toolbox
- More efficient assignment of spectrum
  
- More than today, require good institutions
  - Incentives to regulate well



# Institutional Design

- NRA
  - Need resources and independence
- BEREC
  - Key role in ensuring that NRAs take the most efficient routes to arrive at the same destination
  - More harmonisation through institution as there is less in the law



## 2. Internet Access Service

- A new fundamental right
- Universal service should mean everywhere anytime
- Strengthened consumer protection given
  - the importance of the service
  - the often little competition of its provision



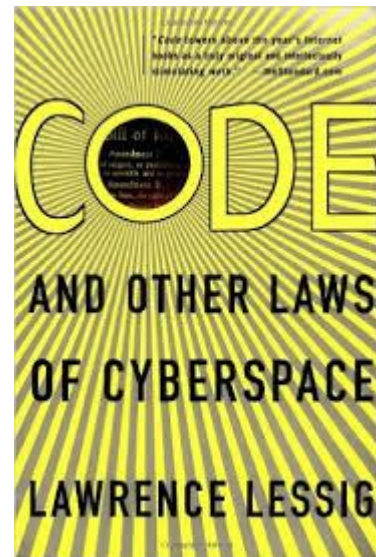
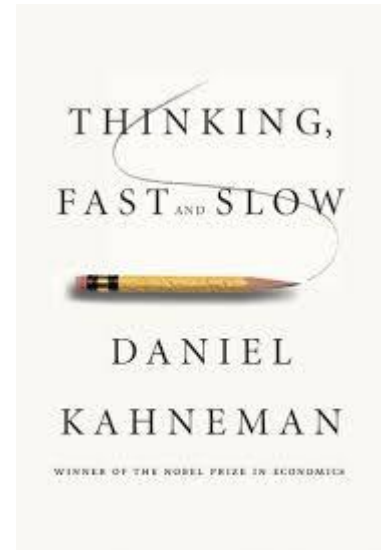
# 3. Digital services



- Digital communications services are not (any more) so special
- Less sector specific consumer protection
  - contracts, transparency ...
- But better general rules
  - Smarter rules
  - Stronger enforcers

# Digital services

- Dialogue with psychologists highlighting consumers' biases
  - In particular on information disclosure
  - Interesting rules proposed for independent price comparisons - may be in general consumer protection law
- Dialogue with computer scientists
  - Technology as a threat
  - but also as an opportunity for digital consumer protection: AI comparator for price and quality
  - and regulation in general: regulating with data



# Digital services

- Some rules for number-independent ICS, in particular possibility of interoperability
  - Art. 59(1) EECC: appreciable threat to effective access to emergency services or to end-to-end connectivity between end-users
- Not clear enough conditions
- Contradicts main OTT business model
  - Competition *for* the market, not *in* the market

