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ROBERT  
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ADVANCED  
STUDIES



ÉCOLE POLYTECHNIQUE  
FÉDÉRALE DE LAUSANNE

Florence  
School  
of  
Regulation

6th European Rail Transport  
Regulation Forum

Villa la Fonte  
San Domenico  
di Fiesole  
27.5.2013

# The technical pillar of the 4<sup>th</sup> Railway Package: challenges for standardization and interoperability

Matthias Finger



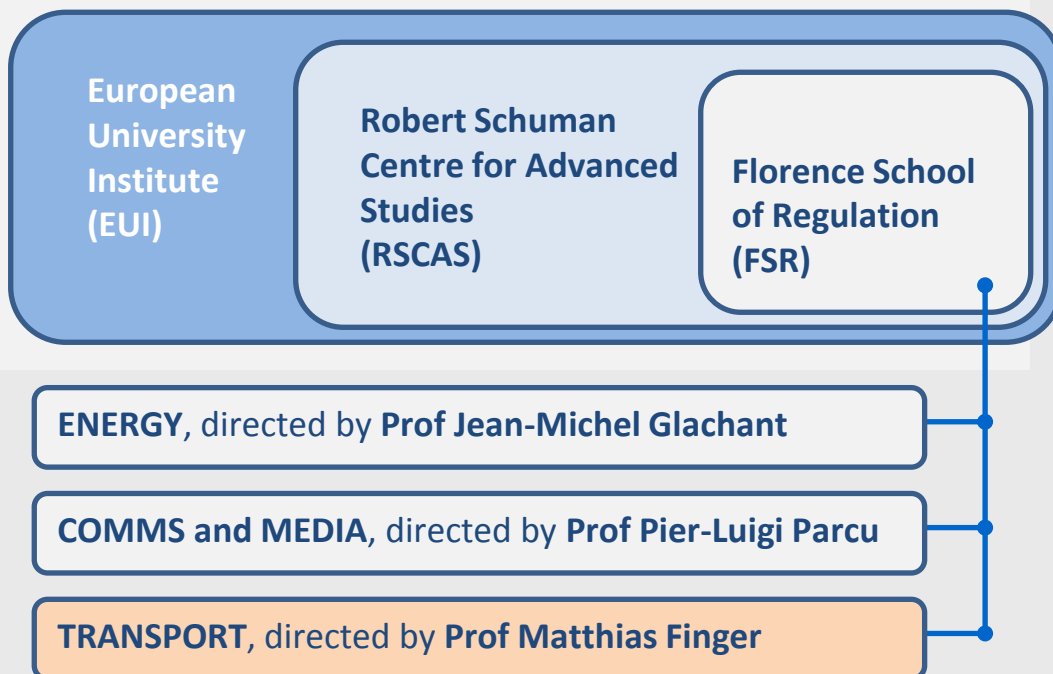
# European University Institute

- The European University Institute (EUI) was set up in 1972 by the six founding Member States of the European Communities to provide advanced academic training to doctoral researchers and to promote research at the highest level
- It opened its doors to the first researchers in 1976
- Since then it has expanded to include new Members States of the enlarged European Union and has associate links to other countries, including Switzerland, Norway and Turkey
- EUI carries out research in a European perspective in Economics, Law, History and Civilization, and the Political and Social Sciences
- As of 1994 it has a 5<sup>th</sup> Faculty: the Robert Schuman Center for Advanced Studies
- Each year more than 100 doctoral theses are defended at the EUI



# Florence School of Regulation

- The Florence School of Regulation (FSR) was created in 2004
- The FSR is directed by Prof Jean-Michel Glachant and has three topic areas, namely:
  - Energy
  - Telecommunications and Media
  - Transport
- Each with its own director, coordinator, researchers and activities





## Transport Area of FSR

- A group of scholars and researchers working on regulatory policy matters
- Concerned with regulation and regulatory policy of all transport modes and markets (including the relationships between them), along with postal and delivery services
- Started its work in 2010 with the 1<sup>st</sup> European Rail Transport Regulation Forum, which brought together experts from the EC, regulators, industry stakeholders, and academics
- Since then:
  - 5 Rail Transport Regulation Forums
  - 4 Air Transport Regulation Forums
  - 3 Urban Public Transport Regulation Forums
  - 1 Maritime Transport Regulation Forum
  - 2 Postal Regulation Forums
  - 1 Intermodal Regulation Forum
  - 1 Academic Conference



# FSR-Transport funding

- Funding of FSR-Transport activities, as for the whole of FSR, is ensured by donations
- Donors are mainly the **transport operators** (in the different modes)
- Funding may also come from research projects commissioned by stakeholders
- Donors over the past years – many thanks!



SBB CFF FFS



Mobility  
Networks  
Logistics



skyguide





# History of railway liberalization

## 4th Package:

- Infrastructure governance
- Domestic passengers
- **Technical pillar**

RECAST

3rd Package

2<sup>nd</sup> Package

1st Package

White Book

Directive 91/440

1991

2001

2004

2007

2012/3

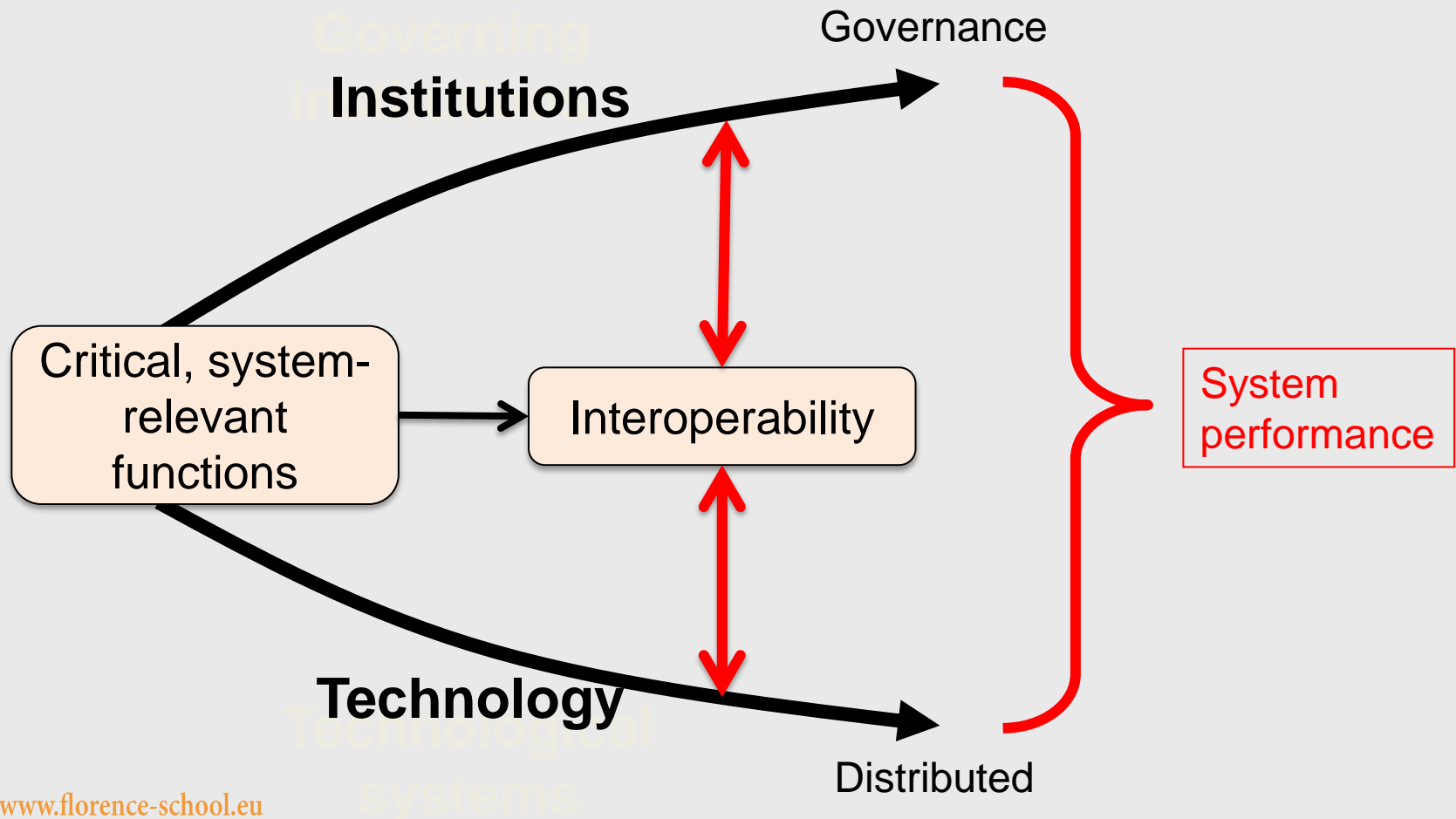


# Retrospective

- Aims, models, and powers of European Rail Regulators (2010)
- Governance and performance in railway market (2011)
- Between sector specific and competition regulation (2011)
- 20 years of rail liberalisation in Europe: key lessons and future prospects (2012)
- Further Steps in Railway Liberalization: Market Opening and Tendering (2012)



# Framing the issue







## Today, we would like to discuss the following questions:

- What are the major issues in implementing the technical pillar of the 4th Railway Package?
- What is and should be the role of ERA when implementing the technical pillar of the 4th railway package?
- What are the implications of the proposed interoperability measures for the different stakeholders?
- Are the safety and interoperability measures sufficient to create an internal railway market? Which are the opportunities and threats?



## Structure and principles of the day

- An introductory presentation by Mr Keir Fitch on the vision of the Commission
- 4 main sessions:
  - Identifying the issues
  - The role of ERA
  - Implications on the stakeholders
  - Implications on the railway market
- Short presentations; room for discussion
- Chatham rules
- Slides, “Observer”, and Report available afterwards