



European
University
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ROBERT
SCHUMAN
CENTRE FOR
ADVANCED
STUDIES

FLORENCE
SCHOOL OF
REGULATION

11th Florence Rail Forum

Villa la Fonte
San Domenico
di Fiesole
27.11.2015

The Digital Single European Railway Area: how do we get there?

Matthias Finger



Context

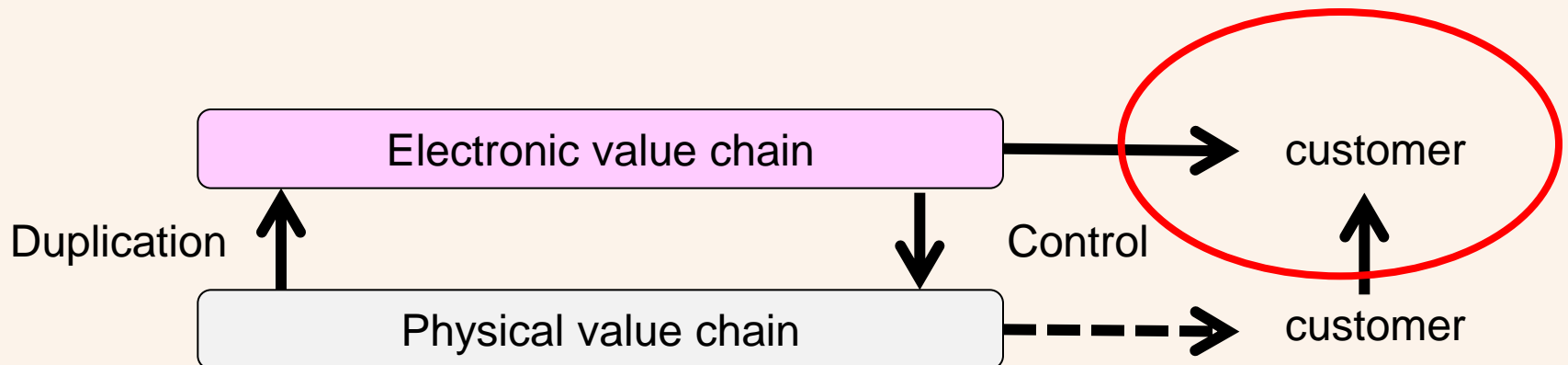
- The broader “digital transformation”
- The digital agenda of the Juncker Commission
- The Commission’s Digital Single European Railway Area discussion paper



Digital transformation

- Automation
- Digital customer access
- Connectivity
- Digital data
- Computing power

Business model
innovation





Objectives of the 11th Florence Rail Forum

- A first systematic discussion of the regulatory implications of the digitalization of rail
- 4 main questions:
 - What can/will digitalization bring to the rail sector?
 - What has already been achieved?
 - What are the regulatory challenges posed by digitalization?
 - What are the long-term challenges?



Structure and principles of the day

- Introduction by the EC
- 4 sessions with short inputs and subsequent discussions:
 - Why digitalization?
 - Achievements so far
 - Regulatory challenges
 - Long-term challenges
- Chatham rules
- Slides, summaries and Observer after the Forum



PROGRAMME

The Digital Single European Railway Area: how do we get there?

8:30-8:45	Introduction
8:45-10:30	Why digitalization? What are the main benefits that digitalization will bring to the sector and what are the customers' expectations?
10:45-12:30	What has been already achieved in terms of digitalization of the railway sector? Examples of digital solutions
13:30-15:00	What are the regulatory challenges posed by digitalization?
15:15-16:45	What are the long-term challenges? Privacy, security, safety, data protection, etc.
16:45-17:00	Conclusions