

7TH CONFERENCE ON THE REGULATION OF INFRASTRUCTURES. NEW NETWORK STRUCTURES: DECENTRALIZATION, PROSUMERS AND THE ROLE OF ONLINE PLATFORMS

Matthias Finger | European University Institute, Part-time professor and Director of the Transport Area of the FSR. École Polytechnique Fédérale de Lausanne, Director of the Chair of Management of Network Industries

Jean-Michel Glachant | European University Institute, Robert Schuman Centre, Director of the FSR, Holder of the Loyola de Palacio Chair

Pier Luigi Parcu | European University Institute, Part-time professor, Area Director of the FSR Communications & Media, CMPF

Simon Porcher | Sorbonne Business School, Associate Professor, Vice-director of the Economics of Public-Private Partnerships Chair

Badia Fiesolana, Via dei Roccettini, 9 - San Domenico di Fiesole

21 - 22 JUNE 2018

■ INTRODUCTION

The de- and re-regulation of the different network industries is an on-going process at both the national and global levels. As this process unfolds, ever new phenomena emerge, necessitating a constant reassessment of the content and objectives of regulation.

The rapidly evolving Information and Communication Technologies (ICTs) have significantly challenged the traditionally stable landscape of infrastructure services provision. The new data layer over the traditional infrastructure and service layers is transforming network industries: online platforms create new indirect network effects, they allow new service providers to enter the market (prosumers, sharing economy providers, etc.), and they challenge the central role of traditional infrastructure managers/service providers as entities ensuring the coordination of the sectors.

Offering traditional and new services in an innovative way is a growing trend among public authorities, traditional providers as well as new private operators, prosumers and platforms. However, together with great opportunities, disruptive innovations also give rise to new regulatory challenges, especially when it comes to infrastructure financing and the coordination of operations.

This 7th Florence Conference on the Regulation of Infrastructures aims at taking stock of the **major** challenges infrastructure regulation is currently facing as a result of technology, indirect network effects, **newly emerging network structures** (decentralized networks, distributed networks, sharing economy), and **new actors** (prosumers, OTTs, platforms, etc.).

■ PROGRAMME

21 JUNE

08.45 - 09.00 Welcome coffee

09.00 - 09.30

Room: Refectory

Introduction by FSR Area Directors

Matthias Finger | EUI and EPFL

Jean-Michel Glachant | EUI

Pier Luigi Parcu | EUI

PARALLEL SESSION (I)

09.30 - 11.00

Energy - Room: Refectory

Chair

Jean-Michel Glachant | EUI

Smart Grid, Load Management and Dynamic Pricing for Electricity: Findings from a field Project in Switzerland

Barbara Antonioli Mantegazzini

PV adoption in Wallonia: The role of distribution tariffs under net metering

Julien Jacqmin

Discussants

Tim Schittekatte | EUI

Pradyumna Bhagwat | EUI

Communication and Media - Seminar Room 2

Chair

Pier Luigi Parcu | EUI

The Internet of Platforms and Two-Sided Markets: Implications for Competition and Consumers

Rob Frieden

The Decentralization Via Self-Regulation of Online Platform and Competition Policy Challenges: A Study on Go-Jek in Indonesia

Sih Yuliana Wahyuningtyas

Discussants

Giorgio Monti | EUI

Pier Luigi Parcu | EUI

Transport - Room: Capitolo

Chair

Matthias Finger | EUI and EPFL

Internet of Things and the Economics of Shared Mobility

Günter Knieps

Maximizing the Value for Money of Road Projects through Digitalization

Carlos Oliveira Cruz

Discussant

Juan José Montero Pascual | EUI and UNED

11.00 - 11.30

Coffee break

PARALLEL SESSION (II)

11.30 - 13.00

Communication and Media - Seminar Room 2

Chair

Pier Luigi Parcu | EUI

Regulatory Networks in the US Blockchain Industry

Simone Franzi

Postal operators as “ground based” online platforms?

Pier Luigi Parcu | EUI

Discussants

Pier Luigi Parcu | EUI

Vincenzo Visco Comandini | University of Rome Tor Vergata

Transport - Room: Capitolo

Chair and discussant

Matthias Finger | EUI and EPFL

A Study of IC Card Systems within Japanese Urban Railway Lines: Considering the Integration of Transportation Services

Fumio Kurosaki

ICT-LED Challenges for the EU's Transport Infrastructure Funding: a Critical Assessment of Public-Private Partnerships

Laura Panadès-Estruch

13.00 - 14.00

Lunch

14.00 - 15.30

Keynote speech and roundtable discussion - Room: Refectory

Moderator

Matthias Finger | EUI and EPFL

Keynote speaker

Pierpaolo Settembri | European Commission, Directorate-General for Mobility and Transport

Expert panel

Jean-Michel Glachant | EUI

Pier Luigi Parcu | EUI

Juan José Montero Pascual | EUI and UNED

15.30 - 15.45

Coffee break

PARALLEL SESSION (III)

15.45 - 18.00

Energy - Room: Refectory

Chair

Jean-Michel Glachant | EUI

Utilities of the future? The effects of newly emerging network structures on the cost of capital and Financials of Energy Distribution Firms

Edson Gonçalves, Joisa Dutra

Third Party Access to Existing Municipal Energy Infrastructure: Lithuanian Centralized District Heating Case Analysis

Diana Korsakaite, Darius Biekša

Peer-to-Peer Electricity Trading: A Review of the Legal Context

Henri van Soest

Discussants

Bruno Goulart De Freitas Machado | EUI

Athir Nouicer | EUI

Nicolò Rossetto | EUI

Water - Room: Capitolo

Chair and discussant

Simon Porcher | Sorbonne Business School

Exploring regulatory barriers for the use of Data-Driven Innovation in the management of key infrastructures

Brenda Espinosa

Economic Group's Influence on the Efficiency and Quality of Service of Water Companies under Model-Firm Regulation

Maria Molinos-Senante

Alternative Governance Arrangements for Modular Water Infrastructure: a Systematic Review

Katrin Pakizer

18.00 - 19.00

Cocktail

22 JUNE

09.30 - 11.45

Cross-sectoral Session - Room: Refectory

Fostering Share&Charge through proper regulation

Fanny Vanrykel

Digital Platforms: A Literature Review and Policy Implications for Development

Carlo Maria Rossotto

EU-ETS and CORSIA: rivalry or partnership?

Sara Ortiz-Arce Vizcarro

Discussants

Matthias Finger | EUI and EPFL

Pier Luigi Parcu | EUI

Tong Zhu | EUI

11.45 - 12.15 Coffee break

CONCLUDING REMARKS - ROOM: REFECTORY

12.15 - 12.30 Concluding remarks and award of the best paper by FSR Area directors

Matthias Finger | EUI and EPFL

Jean-Michel Glachant | EUI

Pier Luigi Parcu | EUI

12.30 - 13.00 Announcement of the topic of the next conference

Matthias Finger | EUI and EPFL

Juan José Montero Pascual | EUI and UNED

13.00 - 14.00 Lunch