

# Competition and Regulation in Network Industries

**6<sup>th</sup> Annual CRNI Conference, 22 November 2013**  
**Residence Palace, Rue de la Loi 155, Brussels, Belgium**

## Program

08.30 - 09.00	<b>Registration</b>
09.00 - 09.10	<b>Opening</b> Prof. Dr. Matthias Finger, Ecole Polytechnique Fédérale de Lausanne, Switzerland
09.10 - 10.00	<b>Keynote speech</b> Prof. Dr. Kenneth Button - Director of the Center for Transportation Policy, Operations and Logistics at George Mason University in Fairfax, Virginia.
10.00 - 10.30	<b>Coffee break</b>
10.30 - 12.00	<b>Parallel session A</b> 1. Challenges in Regulation 2. Energy Markets 3. Telecommunications and Internet I
12.00 - 13.00	<b>Lunch</b>
13.00 - 13.10	<b>CRNI Best paper award</b> Prof. Dr. Rolf Künneke, Delft University of Technology, The Netherlands
13.10 - 14.00	<b>Keynote speech</b> Dr. Andrea Renda - Senior Research Fellow at the Centre for European Policy Studies (CEPS).
14.00 - 15.30	<b>Parallel session B</b> 4. Market Dynamics 5. Unbundling Railways 6. Telecommunications and Internet II
15.30 - 16.00	<b>Tea break</b>
16.00 - 17.30	<b>Parallel session C</b> 7. Social Responsible Innovation 8. Renewable Energy 9. Local Regulation
17.30 - 18.00	<b>Closing reception</b>

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## Parallel sessions

### Parallel session A

#### 1. Challenges in Regulation (Chair: Matthias Finger)

- a. Institutional Arrangements for Electricity Network Regulation: Insights Into Decision-Making Processes in Germany, the UK and the US (Vincent Pál)
- b. Regulation as a Mechanism to Encourage Competition In the Area of Telecommunications: Towards the Concept of Emulated Competition (Humberto Carrasco)
- c. Revisiting the Lawfulness of Statutory Monopolies and Oligopolies Under Article 106 TFEU (Carlos Arrebola)
- d. The Effects of Pre-Existing Standards and Regulation on Innovation and Diffusion of Radically New Innovations (Roland Ortt)

#### 2. Energy Markets (Chair: Rolf Künneke)

- a. Securing Electricity Generation Capacity – An Assessment Through the Lens of EU State Aid Law (Eleni Manaridou)
- b. Gas Entry-Exit Network Pricing Models and Implementation Options (Bert Kiewiet, Konstantin Petrov, Maurice Vos)
- c. The Evolution of Turkish Electricity Market Regulation (Refik Tiryaki)

#### 3. Telecommunications and Internet I (Chair: Michael Pollit)

- a. Availability, Adoption and Uses of Broadband Internet Access in the Scottish Highlands and Islands (Jason Whalley, Ewan Sutherland)
- b. The Impact of Regulation and Competition on the Adoption of Fibre-Based Broadband Services: Recent Evidence from the European Union Member States (Wolfgang Briglauer)
- c. Measuring Network Performance: the Telecommunications Competitiveness Index (Wolter Lemstra, Bart Voogt, Nicolai van Gorp)

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## Parallel session B

### 4. Market Dynamics (Chair: Janice Beecher)

- a. Intermodal Competition: Studying the Pricing Behavior of the French Rail Monopoly (Patricia Perennes)
- b. Does Water Defy Jevons Paradox? Implications of Equilibrium for Utility Systems (Janice Beecher)
- c. Financial Sustainability for Water Systems (Rui Cunha Marques)
- d. Overlaying Market Dynamics in Edgeworth Cycle and Screening Analysis (Dominik Schober, Oliver Woll)

### 5. Unbundling Railways (Chair: Gert Brunekreeft)

- a. Unbundling in Railways: Lessons from Electricity (Gert Brunekreeft)
- b. The Limits of Unbundling: In Rails And Elsewhere (Matthias Finger)
- c. Level-of-Service Based Evaluation of Freight Networks (Albert Mancera, Dirk Bruckmann, Ulrich Weidmann)
- d. Vertical Integration in the Railway sector: a Trade-off Between Limiting Rents and Allowing Competition (Jean-Christophe Thiebaud)

### 6. Telecommunications and Internet II (Chair: Wolter Lemstra)

- a. Analysing Dynamics in the Converging Digital Ecosystem (Frank Berkers, Pieter Nooren, Menno Bangma)
- b. The Relationship Between Local Loop Unbundling and Investment in Fixed Telephony (Athanasios Pachis, Demetrios Yiannelis)
- c. Managing the Transition to IP-Based Public Phone Networks in the United States (Joe Gillan)
- d. Margin Squeeze: Two Sides of the Atlantic, Two Diverging Approaches (Kalpana Tyagi)

## Parallel session C



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## 7. Social Responsible Innovation (Chair: Rolf Künneke)

Panellists to be announced.

The development of energy systems is a complex challenge from technical, socio-economic, ethical and legal perspectives. This panel will explore ways in which social responsibility can be embedded in the technical and institutional design of energy systems. Speakers will explore models of social acceptance and institutional design including governance, regulation, and technical design. Case studies include offshore wind energy systems and the development of shale gas exploration. A panel of academics and industry practitioners will discuss the incorporation of values in institutional design. Special attention will be paid to sustainability and the values incorporated in different viewpoints of sustainable development.

## 8. Renewable Energy (Chair: Daniel Scholten)

- a. The contributions of Renewable Energy Cooperatives to a Socio-Technical Transition in the Electricity Sector (Thomas Bauwens)
- b. Changing the Energy Landscape, the Need for Regulatory Changes (Joris Knigge)
- c. Large Scale Biomethane Injection into the Natural Gas Grid (Anna Butenko)

## 9. Local Regulation (Chair: Franco Becchis)

- a. Milan's Water and Sanitation Service: From Full Direct Provision to Corporatization (Olivier Crespi Reghizzi)
- b. FIELD: a Methodology for the Analysis of Local Actors, Incentives and Information Endowment in Regulation of Local Public Services (Franco Becchis, Elisa Vanin, Daniele Russolillo)
- c. Understanding Subjectivities in the Regulation of Local Public Services: A Q Methodology Study of Local Public Officers (Alberto Asquer)