

## Residential Training

# Summer School on Regulation of Energy Utilities

**30 June - 4 July 2025**

Teatro - Badia Fiesolana, Via dei Roccettini 9 - San Domenico di Fiesole (Fiesole, Florence)

Course Director:

**Prof. Carlos Batlle** | Florence School of Regulation, RSCAS, EUI and Comillas University

Training Coordinator:

**Elena Bondesan** | Florence School of Regulation, RSCAS, EUI

## Introduction

Europe has undertaken the great task of integrating the energy markets at the continental level. Much progress has been achieved thanks to comprehensive policy and regulatory efforts put forth to coordinate the objectives of all market participants in an open, fair and sustainable competitive market. Energy companies, Transmission System Operators, distribution utilities and every market agent has been tasked to align local policies and regulatory frameworks with an increasingly ever more comprehensive European regulatory framework that fosters cross-border exchange and cooperation.

The FSR Summer School on Regulation of Energy Utilities will provide the most up-to-date and comprehensive view of the key regulatory principles, actions and implications of the current regulatory framework, highlighting the key challenges for the alignment of the industry with the policy goals of sustainability and security of supply.

The Summer School balances theory with practice with key practical study cases illustrated directly by the agents and decision-makers involved, including former and current energy regulators, renowned academics and professionals from leading energy companies.



## Draft Programme

**30 June**

**Day 1**

09:00 - 09:15 Introduction to the course and tour de table introduction of participants and their course expectations.

**Carlos Batlle** | Florence School of Regulation, RSCAS, EUI and Comillas University

09:15 - 10:45 Theory and principles of regulation. Models of regulation.

**Alberto Pototschnig** | Florence School of Regulation, RSCAS, EUI

10:45 - 11:00 *Coffee break*

11:00 - 12:30 *Jam session:* Restructuring of the energy power industry. Basic policies and features in Europe.

**Alberto Pototschnig** | Florence School of Regulation, RSCAS, EUI

**Rudi Hakvoort** | Delft University

**Pippo Ranci** | Florence School of Regulation, RSCAS, EUI

12:30 - 14:00 *Lunch*

14:00 - 15:30 Traditional regulation of energy utilities. Regulation of monopolistic activities. Approaches to price control.

**Rudi Hakvoort** | Delft University

15:30 - 15:45 *Coffee break*

15:45 - 17:15 Service Quality Regulation in Electricity Distribution Networks.

**Elena Fumagalli** | Copernicus Institute of Sustainable Development, Utrecht University

17:15 - 17:30 Wrap-up of first day.

**Carlos Batlle** | Florence School of Regulation, RSCAS, EUI and Comillas University

17:30 - 18:30 *Welcome cocktail*

**1 July**

**Day 2**

09:00-09:15 Introduction.

**Carlos Batlle** | Florence School of Regulation, RSCAS, EUI and Comillas University

09:15 - 10:45 Wholesale electricity markets and power exchanges.

**Carlos Batlle** | Florence School of Regulation, RSCAS, EUI and Comillas University

10:45 - 11:00 *Coffee break*

11:00 - 12:30 Case example on PXs: Price coupling of regions-PCR.

**Juan Pérez** | EPEX SPOT

12:30 - 14:00 *Lunch*

14:00 - 15:30	Gas markets.  <b>Tania Tholot</b>   The Brattle Group <b>Iestyn Hayes</b>   The Brattle Group
15:30 - 15:45	<i>Coffee break</i>
15:45 - 17:15	Case example on gas markets.  <b>Tania Tholot</b>   The Brattle Group <b>Iestyn Hayes</b>   The Brattle Group
17:15 - 17:30	Wrap-up of second day.  <b>Carlos Batlle</b>   Florence School of Regulation, RSCAS, EUI and Comillas University
20:00 -	<i>Group Dinner</i>
<b>2 July</b>	<b>Day 3</b>
09:00 - 09:15	Introduction.  <b>Carlos Batlle</b>   Florence School of Regulation, RSCAS, EUI and Comillas University
09:15 - 10:45	Natural Gas Network: An Overview of Main Aspects.  <b>Armelle Lecarpentier</b>   IFPEN and Cedigaz
10:45 - 11:00	<i>Coffee break</i>
11:00 - 12:30	Case example on gas networks: the EU gas systems.  <b>Nico Keyaerts</b>   ACER
12:30 - 14:00	<i>Lunch</i>
14:00 - 15:30	The electricity transmission and distribution networks.  <b>Goran Majstrović</b>   Energy Institut Hrvoje Požar
15:30 - 15:45	<i>Coffee break</i>
15:45 - 17:15	Case example on electricity grids: Locational Wholesale Electricity Market Design Options.  <b>Tim Schittekatte</b>   FTI Consulting (TBC)
17:15 - 17:30	Wrap-up of third day.  <b>Carlos Batlle</b>   Florence School of Regulation, RSCAS, EUI and Comillas University
<b>3 July</b>	<b>Day 4</b>
09:00 - 09:15	Introduction.  <b>Carlos Batlle</b>   Florence School of Regulation, RSCAS, EUI and Comillas University
09:15 - 10:45	Fundamentals on energy tariff design.

**Ellen Beckstedde** | Florence School of Regulation, RSCAS, EUI

10:45 - 11:00 *Coffee break*

11:00 - 12:30 Retail regulation.

**Carlos Batlle** | Florence School of Regulation, RSCAS, EUI and Comillas University

12:30 - 14:00 *Lunch*

14:00 - 15:30 Retail market regulation, retail prices and competition.

**Nico Keyaerts** | ACER

15:30 - 15:45 *Coffee break*

15:45 - 17:15 Renewable energy integration: Long-term investment incentivisation through contracts-for-difference.

**Lena Kitzing** | Technical University of Denmark (DTU)

17:15 - 17:30 Wrap-up of fourth day.

**Carlos Batlle** | Florence School of Regulation, RSCAS, EUI and Comillas University

**4 July** **Day 5**

09:00 - 10:30 Case example on energy markets: Latin American energy markets.

**Luiz Augusto Barroso** | PSR Energy Consulting and Analytics

10:30 - 11:00 *Coffee break*

11:00 - 12:30 The role of an independent system operator in the energy transition.

**Isabel Sunnucks** | National Energy System Operator UK

12:30 - 14:00 Flexibility and consumer engagement in energy markets in Great Britain.

**Laura Smart** | Ofgem

14:00 - 14:15 Wrap-up and conclusions of the course.

**Carlos Batlle** | Florence School of Regulation, RSCAS, EUI and Comillas University

14:15 - *Farewell lunch*