

## Workshop

# Global Observatory on Peer-to-Peer, Community Self-Consumption and Transactive Energy Models



#P2PEnergy

**17-18 February 2020**

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

Organised by Florence School of Regulation (FSR) in association with the University College London (UCL) and with the financial support of the Foreign & Commonwealth Office of the United Kingdom.

Scientific Coordinators:

**Nicolò Rossetto** | Florence School of Regulation/RSCAS/EUI

**Alexandra Schneiders** | University College London

Open-access materials: <https://bit.ly/31TAAJP>

## Introduction

Within the framework of the International Energy Agency, FSR is hosting the second meeting of the Global Observatory on Peer-to-Peer (P2P), Community Self-Consumption (CSC) and Transactive Energy (TE) Models.

Decarbonisation, decentralisation and digitalisation are reshaping the way electricity is produced, traded and consumed. New energy models, not even thinkable a decade ago, are emerging around the world. Electricity consumers, for example, may now benefit from the possibility to produce, individually or collectively, the energy they consume and to trade any surplus with their peers. Opportunities like this represent a major change from the old world where consumers were, to a large extent, passive users of the electricity system, either from a physical and a commercial point of view.

Launched in September 2019, the Global Observatory is a three-year collaborative research project under the IEA Users-Centred Energy Systems Technical Collaboration Programme (UsersTCP). It represents a forum for international collaboration to understand the policy, regulatory, social and technological conditions necessary to support the wider deployment of peer-to-peer, community self-consumption and transactive energy models.

The conference will last two days:

- On the first day, open to the public, academics, industry practitioners and representatives of the institutions will meet and discuss the definitions of these new energy models and the opportunities and difficulties that they raise. A few concrete cases of P2P, CSC and TE energy models will be presented

and will be used to ignite the debate.

- During the second day, researchers involved in the Global Observatory will meet again, present the work conducted so far in the various Observatory subtasks and discuss the steps to take in the following six months.

## **Programme**

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### **17 February**

- 09.00 - 09.10 Welcome Address by **Jean-Michel Glachant** | FSR
- 09.10 - 09.30 Introduction to the Observatory and Users TCP by **Alexandra Schneiders** and **David Shipworth** | UCL
- 09.30 - 11.00 A view from the field: between pilot projects and innovative offers
- Moderator: **Jean-Michel Glachant** | FSR
- Panellists:
- **Liliane Ableitner** | Exnaton
  - **Sara Capuzzo** | ènostra
  - **Tarek Alskaif** | University of Utrecht
  - **Donal Brown** | University of Leeds
- 11.00 - 11.30 *Coffee break*
- 11.30 - 13.00 The policy debate: knowledge gaps, opportunities and difficulties to implement new energy models
- Moderator: **Lucila de Almeida** | FSR
- Panellists:
- **Michele Benini** | RSE
  - **Josh Roberts** | REScoop
  - **Luca Lo Schiavo** | ARERA
  - **Emilio Sani** | Italia Solare
- 13.00 - 14.00 *Lunch*
- 14.00 - 15.30 What is the perspective of the established actors of the electricity sector?
- Moderator: **Alberto Pototschnig** | FSR
- Panellists:
- **Marco Favarato** | Enel
  - **Delphine Strunski** | EPEX spot
  - **Mikolaj Jasiak** | Vattenfall
  - **Daan Rutten** | Alliander
- 15.30 - 15.45 *Coffee break*

15.45 - 17.00 Insights and challenges of defining the concepts of peer-to-peer, community self-consumption and transactive energy

Moderators: **Alexandra Schneiders** and **David Shipworth** | UCL

17.00 - 17.15 Wrap-up by **Jean-Michel Glachant** | FSR and **David Shipworth** | UCL

19.30 *Dinner*

## **18 February**

09.00 - 09.10 Welcome by **Jean-Michel Glachant** | FSR

09.10 - 09.30 Welcome and updates on the Observatory by **Alexandra Schneiders** | UCL

09.30 - 11.00 Overview of the sub-tasks' activities

11.00 - 11.30 *Coffee break*

11.30 - 12.30 Discussion about the next steps led by **Alexandra Schneiders** and **David Shipworth** | UCL

12.30 - 13.30 *Lunch*

13.30 - 15.30 Sub-task breakout sessions

15.30 - 16.00 *Coffee break*

16.00 - 17.00 Reporting back from breakout sessions and Q&A session led by **Alexandra Schneiders** | UCL

17.00 - 17.15 Wrap-up by **Jean-Michel Glachant** | FSR and **David Shipworth** | UCL