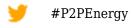




Workshop

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



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:

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

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





Co-funded by the Erasmus+ Programme of the European Union 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

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

15.45 - 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