

CEER Training on Energy Communities and New Actors in the Energy Sector

26-27 September 2019

CEER Office, Cours Saint-Michel 30a (5th floor), 1040 Brussels

COURSE PROGRAMME

Smart metering, better price signals, technological developments and the Clean Energy Package all create opportunities for new actors in the energy sector. In various ways, these actors offer new answers to old questions. Renewable Energy Communities and Citizen Energy Communities aim to make consumers more active. New market players seek to generate increased flexibility in the system.

If regulated such that incentives match system gains, these actors can contribute to a more efficient industry. However, the role such actors may play in practice remains uncertain. Many projects are still only in the research and development phase. Potential regulatory challenges are not necessarily clear and could benefit from an increased dialogue between regulators and new actors.

Energy regulators need to understand how these new actors affect the energy sector and how they can contribute to cost-efficient electrification and digitalisation. This tailor-made 2-day CEER training programme will help deliver energy regulators this expertise. The first day of the programme will cover energy communities and case studies on regulatory experiences. During the second day, participants have the opportunity to discuss directly with new actors. Presentations on various academic studies also give an overview of the current research on the topic.

Thursday, 26 September 2019

10:30-17:30

WELCOME AND INTRODUCTION

10:30-10:45 Opening remarks and round-table introduction of the participants.

- **Mr Andreas Bjelland Eriksen, NVE, Course Director**

SESSION 1 INTRODUCTION TO ENERGY COMMUNITIES

What is an energy community? What are the differences between Renewable Energy Communities and Citizen Energy Communities? How are they defined in the Clean Energy Package? This session will provide the participants with an overview of these concepts and how they are defined in the Clean Energy Package. It will also include the DSO's perspective on energy communities.

10:45-11:30 What is an energy community?

- **Mr Josh Roberts, RESCoop**

Q&A

11:30-12:15 New actors, including citizen energy communities, in the Clean Energy Package.

- **Mr Jan Steinkohl and Mr Olav Berg, European Commission, DG ENER**

Q&A

12:15-13:15 *Lunch Break – CEER Office*

13:15-14:00 A DSO's perspective on energy communities.

- **Ms Carmen Gimeno, GEODE**

Q&A

14:00-14:45 Overview of the EU implementation of energy communities activities across the EU Member States – EU-funded BRIDGE project.

- **Ms Leen Peeters and Mr Ludwig Karg, EU-funded BRIDGE project**

Q&A

14:45-15:00 *Coffee break*

SESSION 2 REGULATORY ASPECTS OF ENERGY COMMUNITIES

This session will explore the regulatory implications of the formal recognition of citizen and renewable energy communities. The regulatory aspects of self-consuming, selling and sharing of electricity, the role of energy communities in managing electricity consumption and providing flexibility and the issues of owning, operating and managing electricity networks are discussed. In addition, the case studies on the challenges of regulating energy communities, including tariffs, scope, rights and obligations are presented and debated.

15:00-15:45 Regulatory experiences with energy communities.

Challenges on regulating energy communities – tariffs, scope, rights and obligations.

- **Mr Xavier Hansen, ILR / Ms Eva Lacher, E-Control (tbc)**

Q&A

15:45-16:30 Case study on regulatory experiences with energy communities.

Challenges on regulating energy communities – tariffs, scope, rights and obligations.

- **Mr Kjell Rune Verlo, NVE**

16:30-17:15 Group work: regulating energy communities in the future.

Group discussions on relevant challenges.

- **Mr Xavier Hansen, ILR / Ms Eva Lacher, E-Control (tbc)**

17:15-17:30 Wrap up of Day 1.

- **Mr Andreas Bjelland Eriksen, NVE, Course Director**

17:30-18:30 Reception Drinks – all participants and lecturers are welcome to join (CEER office).

- END FIRST DAY -

Friday, 27 September 2019
09:00-16:15

SESSION 3 NEW BUSINESS AND MARKET MODELS IN THE ENERGY SECTOR AND THEIR IMPACTS ON REGULATION

Innovation and technological progress, as seen by energy regulators, are means to achieve the overarching regulatory goals of cost efficiency and an adequate quality of service and security of supply. Many new actors in the energy sector carry innovation potentials and can propose solutions which may lead to the questioning of the current principles of the current regulatory framework and other current practices. If regulated such that incentives match system gains, these actors can contribute to a more efficient industry. However, the role such actors may play in practice remains uncertain. Potential regulatory challenges are not necessarily clear. This session aims to explore the roles of new business and market actors and their impacts on regulation. Presentations on various academic studies also give an overview of the current research on this topic.

09:00-10:00 Regulatory building blocks for new business and market models (smart meters, tariffs, etc.).

- **Mr Luca Lo Schiavo, ARERA**

Q&A

10:00-10:15 *Coffee break*

10:15-12:15 New actors in the energy sector: aggregators, etc. which drive the “behind the meter” developments in the energy sector and the new interfaces.

- **Mr Elias De Keyser, NextKraftwerke**
- **Mr Ewald Hesse, Energy Web Foundation**
- **Mr Enno Böttcher, NODES**

Q&A

12:15-13:15 *Lunch Break*

13:15-14:15 Recent developments on aggregators and other actors in the flexibility markets and regulatory implications.

- **Mr Leonardo Meeus, FSR and Vlerick Business School**

Q&A

14:15-15:00 Group discussion on regulatory implications of aggregators and other actors in the flexibility markets.

- **Mr Leonardo Meeus, FSR and Vlerick Business School**

Q&A

15:00-15:15 Coffee break

15:15-16:00 Recent developments on energy storage and regulatory implications.

- **Mr Patrick Clerens, European Association for Storage of Energy (EASE)**

Q&A

16:00-16:15 Wrap-up of Day 2.

- **Mr Andreas Bjelland Eriksen, NVE, Course Director**

- END SECOND DAY -