

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

28-30 September 2020

### Online Classes:

**14:00-17:00 (CEST) on 28 September 2020**

**14:00-17:00 (CEST) on 29 September 2020**

**14:00-17:00 (CEST) on 30 September 2020**

### 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 CEER online training programme will help deliver energy regulators this expertise. It is designed for staff from the National Regulatory Authorities but representatives from other organisations are also welcome to attend. The first part of the programme will cover energy communities and case studies on regulatory experiences. During the second part, participants have the opportunity to discuss directly with new actors. Presentations on various academic studies and projects also give an overview of the current research on the topic.*

### Online Class 1, 14:00-17:00 (CEST) 28 September 2020

**14:00-14:15** Opening remarks, round-table introduction of the participants and introduction of the programme and the online format.

- **Mr Xavier Hansen, ILR, Course Director**
- **Ms Anh Tran, CEER Training Manager**

### 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 include the status of implementation of energy communities and some practical case studies.

**14:15-15:00** New actors, including citizen energy communities, in the Clean Energy Package and implementation of energy communities-related Directives and Provisions.

- **Mr Jan Steinkohl, European Commission, DG ENER**

**Q&A**

**15:00-15:30** Practical experiences on the implementation of energy communities with RESCoop.

- **Mr Dirk Vansintjan, RESCoop**

**Q&A**

**15:30-15:45** *Short break*

## **SESSION 2 REGULATORY ASPECTS OF ENERGY COMMUNITIES AND ENERGY SHARING**

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.

**15:45-16:15** Implementation of energy communities and energy sharing and regulatory challenges regarding tariffs, scope, rights and obligations. Results from the Energy Communities Task Force under the EU-funded BRIDGE project.

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

**Q&A**

**16:15-16:45** Group discussion: challenges on regulating energy communities and energy sharing.

- **All trainers and participants**

**16:45-17:00** Wrap up of Online Class 1.

- **Mr Xavier Hansen, ILR, Course Director**
- **Ms Anh Tran, CEER Training Manager**

**- END FIRST DAY -**

## Online Class 2, 14:00-17:00 (CEST) 29 September 2020

**14:00-15:00** Case studies on regulatory experiences with the implementation of energy communities in Italy and Sweden.

- **Ms Chiara Petruzzo, ARERA**
- **Mr Claes Vendel Nylander, Ei**

### Q&A

**15:00-15:30** Group discussion: sharing regulatory experiences on the implementation of energy communities.

- **All trainers and participants**

**15:30-15:45** *Short break*

## **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 and projects also give an overview of the current research on this topic.

**15:45-16:15** New business and market models in the energy sector and the legal framework according to the Clean Energy Package.

- **Ms Marion Malafosse, European Commission**

### Q&A

**16:15-16:45** Regulatory building blocks for new business and market models (smart meters, tariffs, DSO-TSO cooperation, etc.).

- **Mr Alasdair MacMillan, Ofgem**

### Q&A

**16:45-17:00** Wrap up of Online Class 2.

- **Mr Xavier Hansen, ILR, Course Director**
- **Ms Anh Tran, CEER Training Manager**

- END SECOND DAY -

## Online Class 3, 14:00-17:00 (CEST) 30 September 2020

**14:00-15:00** New actors in the energy sector: aggregators, etc. which drive the “behind the meter” developments in the energy sector and the new interfaces.

- **Ms Frauke Thies, SmartEN (the Coalition of Demand Response in Europe)**
- **Mr Felix Dembski, Sonnen**

**Q&A**

**15:00-15:15** *Short break*

**15:15-15:45** Recent developments on aggregators and other actors in the flexibility markets and regulatory implications.

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

**Q&A**

**15:45-16:15** Group discussion on regulatory implications of aggregators and other actors in the flexibility markets.

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

**Q&A**

**16:15-16:45** The role of energy storage and the new business model in the energy transition and regulatory implications.

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

**Q&A**

**16:45-17:00** Wrap-up of the course.

- **Mr Xavier Hansen, ILR, Course Director**
- **Ms Anh Tran, CEER Training Manager**

- END THIRD DAY -