

# ENERGY COMMUNITIES SESSIONS

## organised by Flux50 & TWEED

As part of the Clean Energy Package of the European Commission, energy communities are introduced as a way to grow the installation of renewable energy and to offer citizens the opportunity to participate in the energy market.

In these 6 online advanced trainings Flux50 and TWEED give you an overview of the concept of energy communities, what they can or can become, the Belgian value chain with topnotch R&D actors and SME frontrunners. And what about the regulation and business case?

### Programme:

- 23/02 - Energy communities: technologies and digital tools
- 02/03 - What's the impact of regulation on energy communities? Cases from Belgium, France & Italy
- 09/03 - Energy community projects in the EU
- 16/03 - Meet the Belgian R&D players: innovation & knowhow for the implementation of energy communities
- 23/03 - Meet some of the Belgian hardware frontrunners SME's for energy communities
- 30/03 - Workshop: business cases for Energy Communities

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## Session 1

### Energy communities

#### 23/02 - Technologies and digital tools

- ✓ 9h30 **Intro to the training sessions and the session of today – Overview of the Energy value chain** - Jan Gillot, Flux50
- ✓ 9h45 **Overview of Energy Communities Value Chain: Technologies and digital tools needed. Example with EC Value Chain in Wallonia** - Renaud Dachouffe, TWEED
- ✓ 10h00 **Opportunities for energy efficiency at district level through software & hardware combination** – Peter Van den Heede, ABB
- ✓ 10h20 **Overview of IT challenges & solutions for energy Communities & data exchange with Distribution Network Managers and energy suppliers** - Eric Vermeulen, Haulogy
- ✓ 10h40 **Solution to allow local residents to participate in the energy transition: the i.LECO Prosumer App.**  
*A web-based application that offers an intuitive dashboard where residents collaboratively experience the future of renewable energy communities* - Stefan Lodeweyckx, i.Leco
- ✓ 11h00 **How to boost stakeholder & citizen engagement through Energy Community Manager Platform** - François Bordes, WeSmart
- ✓ 11h20 **Controller for HEMS linked to energy communities** - Pieter De Clerck, Openmotics
- ✓ 11h40 **Q & A**
- ✓ 12h00 **ONLINE MEET & MATCH**
- ✓ 13h30 **END**

## Session 2

### Energy communities

02/03 - What's the impact of regulation on energy communities?  
Cases from Belgium, France & Italy

- ✂ 9h30 **Intro to the training sessions and the session of today** - Cédric Brüll, TWEED
- ✂ 9h35 **Overview of EU framework and implementation pathways** - Achille Hannosset, European Commission
- ✂ 10h00 **Implementation in Wallonia: Regulatory Toolbox for EC & (Collective) Self Consumption** - Guy block, Janson avocats
- ✂ 10h20 **The impact of regulation on energy communities: issues identified for the Flemish legislator** - Hilde Derde, METHA advocaten
- ✂ 10h40 **Case from France: Regulation and contracting experience**- Mohamed Lahjibi – Enedis
- ✂ 11h00 **Regulation for energy communities in Italy** - Avvocato Nicola Giampaolo, E2B Consulting srls
- ✂ 11h20 **Panel debate** - Moderator: Cédric Brüll
- ✂ 11h50 **ONLINE MEET & MATCH**
- ✂ 13h30 **END**

## Session 3

### Energy communities

09/03 - Energy community projects in Belgium and the EU

- ✂ 9h30 **Intro to the training sessions and the session of today** – Frederik Loeckx, Flux50
- ✂ 9h35 **Inspiring movie on energy community project 'De Vlaamse Staak'** - Wattson & partners
- ✂ 9h40 **How to set up an energy community - Resourced project** - Dirk Vansintjan, Ecopower
- ✂ 10h00 **Project Wallonia: E-Cloud : Project of open micro-grids in industrial parks that allows different companies located in the same zone to benefit from local and collective self-consumption** - Zacharie De Grève, Umons
- ✂ 10h20 **Project SMILE (France)** – Rachel Guilloteau, SMILE & Simon Ducasse, Atlan Sun
- ✂ 10h40 **Luggaggia Innovation Coomunity (Switzerland)** - Gianluca Corbellini, Hive Power
- ✂ 11h00 **Boucle Local** - Anthony Parsons, Terre et Lac
- ✂ 11h20 **Q & A**
- ✂ 11h35 **ONLINE MEET & MATCH**
- ✂ 13h30 **END**

## Session 4

### Energy communities

16/03 - Meet the Belgian R&D players: innovation & knowhow for the implementation of energy communities

- ✂ 9h30 **Intro to the training sessions and the session of today** - Cédric Brüll, TWEED
- ✂ 9h35 **Energy Management Systems & Pricing of Exchanges within energy communities** - Quentin Gemine, BLA
- ✂ 10h00 **TBD** - Maarten Messagie, Green Energy Park
- ✂ 10h25 **Simulation / prevision** - Cécile Goffaut, CENAERO
- ✂ 10h50 **TBD** - Annelies Delnooz, VITO / EnergyVille
- ✂ 11h15 **Empowering consumers through EC? Typology of flexible users & Social innovation** - Grégoire Wallenborn, ULB
- ✂ 11h40 **Customer engagement** - Matthias Strobbe, imec-UGENT
- ✂ 12h00 **Q & A**
- ✂ 12h10 **MEET THE R&D LABS - ONLINE MEET & MATCH**
- ✂ 13h30 **END**

## Session 5

### Energy communities

23/03 - Meet some of the Belgian hardware frontrunners SME's for energy communities

- ✂ 9h30 **Intro to the training sessions and the session of today** – Jan Gilot, Flux50
- ✂ 9h35 **Off grid & industrial hardware** - Bavo De Man, SDM
- ✂ 10h00 **CET Energrid : Challenges and solutions related to DC Microgrid - Focus on converters** - Benoît Bidaine, CET Energrid
- ✂ 10h25 **Controller grids - building - EV chargers** - Jelle Meersmans - Enervalis
- ✂ 10h50 **TBD** - TBD
- ✂ 11h15 **TBD** – Bert Leeman, IRC
- ✂ 11h35 **Data Loggers & data Management for EC** – Memoco
- ✂ 11h55 **Q & A**
- ✂ 12h15 **MEET THE FRONTRUNNERS - ONLINE MEET & MATCH**
- ✂ 13h30 **END**

# Updates & session 6 will follow soon

## SMARTENERGY project

**The specific objectives of the SMARTENERGY project are:**

- Increase the business support capacity of the clusters in the partnership, with a specific focus on supporting SMEs to bring to the market new products and services which need to increase their maturity and readiness level from the final prototype level (TRL 7) to the production/commercialization level (TRL 9)
- Support at least 42 SMEs, 10 clusters and 8 technology centres/scaling up support organizations in accessing the global market
- Strengthen the 6 individual cluster strategies, integrating specific targets related to cooperation between energy and IT for different sectors.
- Develop a common strategy for the ESCP, focused on the design of an alliance or metacluster for energy transition at EU level

## Six pack training

The SMARTENERGY project set up six pack training series on 4 different topics !

1. Hydrogen Technologies - starting 17/02 - [more info](#) & [register](#)
2. Energy communities - starting 23/02 - [more info](#) & [register](#)
3. Smart grids - starting 04/03 - [more info](#) & [register](#)
4. Smart buildings - starting 12/03 - [more info](#) & [register](#)

In 6 webinars each topic covers the value chain, specific technologies, important R&D players and SME's, workshops and meet & match session.

Target audience : you ! EU energy R&D stakeholders (SME's, Research Institutes & Universities, Incubators, Living labs, clusters, ...)

Full dates and programmes are available [here](#).