



Workshop

Emerging Business models in +Energy Neighborhoods and Smart Energy Communities

Workshop format: The workshop is in person. Please register and confirm your attendance by filling out this form: [Registration Page.](#)

For inquiries or further details contact: marthe.c.solbu@ntnu.no

Date and time: Wednesday March 13th 2023, from 11:00 to 17:00.

A market uptake of plus energy (+energy) neighbourhoods and energy communities requires developing an ecosystem of business cases that successfully promote and finance their development. This might entail estimating the long-term economic viability of different financial and business models based on revenue streams coming from innovation on building design, the role of digital tools, neighbourhoods as flexibility providers, building investments, and others. Moreover, business models should bring all players involved (utilities, building owners, developers, and investors) to achieve meaningful returns on investments and reach sustainable socio-economic and environmental benefits. In this workshop we will discuss the latest trends on emerging business models, brainstorm new ones, and shared perspectives on barriers and determinants.

This workshop in Brussels on March 13th brings together experts in the field to showcase the latest research and developments on Sustainable Plus Energy Neighborhoods/Positive Energy Neighborhoods. The event aims to create a constructive discussion on research activities from different EU projects and is open to other interested contributors and attendees.

The event is divided into two parts: The first part of the workshop focuses on business models related to the value streams generated within and by several Smart Energy Neighbourhoods developed in different EU projects. The second part provides an opportunity to collectively address key questions and challenges within emerging business models.

The workshop will feature presentations from four Horizon 2020 project [syn.ikia](#), [oPEN Lab](#), [ARV](#), and [BEYOND](#).



Event Address: NTNU office, Rue Guimard 9, 1040 Bruxelles, Belgium

Programme

11:00 – 11:05	Welcome and introduction - <i>Pedro Crespo del Granado</i>
11:05 – 11:45	Short Discussion: Mapping and understanding Business models Introduction to the projects: <ul style="list-style-type: none"> - syn.ikia - <i>Niki Gaitani, NTNU (coordinator of syn.ikia)</i> - oPEN Lab - <i>Jesse Glicker, BPIE (co-lead on oPEN lab business models)</i> - ARV- <i>Inger Andresen, NTNU (coordinator of ARV) and Pietro Visetti, GDFA (leader of ARV WP on financing, policy and business models)</i> - BEYOND - <i>Pedro Crespo del Granado (Coordinator of BEYOND)</i>
11:45 – 12:00	Overview of business models for energy positive neighborhoods - <i>Pedro Crespo del Granado</i>
12:00 – 12:45	Lunch
Part I: Business models focused on Energy +Neighborhoods	
12:45 – 1:15	Digitalization effects on Energy Communities and local Markets – Insights from the BEYOND project <ul style="list-style-type: none"> - <i>Pedro Crespo del Granado and Raquel Alonso Pedrero</i>
1:15 – 1:45	New innovative Business models in the Syn.ikia Project <ul style="list-style-type: none"> - <i>Stian Backe and Bakul Kandpal</i>
1:45 – 2:05	Short Pitches: Business Models ideas in oPEN Lab, ARV and other EU projects <ul style="list-style-type: none"> - <i>Pietro Visetti, Dominic Stephen, Antoni Llabres, and TBA</i>
2:05 – 2:25	Panel discussion and Q&A: Relevant emerging Business models in Energy Positive Neighborhoods <ul style="list-style-type: none"> - <i>Pedro Crespo del Granado, Pietro Visetti, Angela Greco</i> - <i>TBA</i>
2:25 - 2:45	Break
Part II: Emerging business models – a deeper look	
2:45 – 4:15	<u>Breakout sessions</u> Breakout 1: Valorization and quantification of value streams: validating assumptions <ul style="list-style-type: none"> - <i>Dominic Stephen, BAX and Thomas Gelauff, BAX</i> Breakout 2: Citizen Energy Communities (CEC) <ul style="list-style-type: none"> - <i>ARV: Palma / Pietro Visetti and Jannika Aalto, GDFA</i> Breakout 3: Predictive digital twins: business model challenges <ul style="list-style-type: none"> - <i>Angela Greco & Bartje Alewijnse, TNO</i>
4:15 – 4:30	Breakout session summaries
4:30 – 4:45	Conclusion