

Energy communities supporting the energy transition Interreg NWE project “community based Virtual Power Plant”

WEBINAR | Friday 19th June 2020 | 10:00 - 11:30 (CEST)

REGISTER HERE !

The European energy system is changing rapidly. Decentralization, democratization and RES penetration are offering new social and technical challenges. Also roles are changing in the local energy system, transforming business models and asking for involvement from all participants: citizens, private companies and municipalities. The Clean Energy Package of EU provides the opportunity to citizen initiatives to take new roles in the energy system, including those related to aggregation, storage, local supply or sharing. This new framework also provides a collaboration tool between all the actors in the integrated energy system. The question however is –how can prosumers and communities prepare to take on the new roles and become active players in the market? Which roles are possible? How can communities organize themselves? What technology can support them?

During this event we will discuss a community-based Virtual Power Plant (cVPP). A cVPP is an ICT-based control system that allows for aggregation of community-owned distributed energy resources (e.g. solar panels on roofs) and flexible solutions (such as EV , heat pump or a battery). Thanks to cVPP a network of prosumers in a community can collectively perform a certain role in the energy system. What makes VPP community-based is not only the involvement of a community but also the community logic under which it operates. This implies that the community needs to drive the initiative, that the community owns the various assets and the ICT platform and that members collectively make decisions and choose how they organize themselves.

Our main goal is to share experiences with setting a cVPP in practice and offering an approach for replication of this socio-technical innovation in your own community. The event is targeting all energy communities’ stakeholders, energy consultants, project managers and citizen audience.

The **program** includes 3 short presentations and a Q&A session coupled with a panel discussion.

10:00 – 10:10	Welcome note	Moderator André Zeijseink
10:10 – 10:30	The what & why of a cVPP: The role of energy communities in energy transition	dr. ir. Anna J Wieczorek TU Eindhoven
10:30 – 10:50	Experiences with cVPP implementation in Gent, Belgium	Luc Meskens Energy cooperative EnerGent
10:50 – 11:10	MoRe: A model for MObilisation & REplication of a cVPP in your community	Luc van Summeren TU Eindhoven
11:10 – 11:30	Q&A with panel of replicating communities	Community representatives from Belgium, Netherlands & Ireland

The **speakers**:



André ZEIJSEINK

Chairman of Loenen Energie Neutraal (**LEN**)



Anna J. WIECZOREK

Assistant Professor
TU Eindhoven



Luc MESKENS

Project Coordinator
EnerGent



Luc F.M. VAN SUMMEREN

ir. Doctoral Candidate
TU Eindhoven

REGISTER HERE !

About **cVPP**:

Community-based Virtual Power Plant (cVPP) is a project co-funded by the INTERREG North-West Europe program, led by the Eindhoven University of Technology. Eight Belgian, Dutch and Irish partners are taking part in this project that runs until June 2022. The partnership receives a European subsidy of 4 257 205.49 EUR.

nweurope.eu/projects/cvpp
[#cVPPproject](https://twitter.com/cVPPproject)