

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

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

The European energy system is changing rapidly. Decentralization, democratization and RES penetration are offering new socio-technical opportunities. Also roles are changing in the local energy systems, transforming business models and asking for involvement from 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. 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). cVPP is an ICT-based control system that allows for aggregation of community-owned distributed energy resources (e.g. PV on roofs) and flexible assets (EV, heat pump, battery). Thanks to cVPP, 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 goal is to share experiences with setting a cVPP in practice and offer an approach for replication of this innovation in your own community. The event is targeting all energy communities, energy consultants, project managers and citizen audience.

We are proud to announce that cVPP won the EUSEW Citizens' Award 2020 !



Thank you for your vote !

eusew.eu/awards-public-vote

Visit the cVPP webpage and webinar webpage on the European Sustainable Energy Week 2020 website !

eusew.eu/awards/community-based-virtual-power-plant-cvpp

eusew.eu/energy-communities-supporting-energy-transition

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

10:00 – 10:10	Welcome note	Moderator René van Egmond Translyse B.V
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 social-cVPP in Ghent, Belgium	Luc Meskens Energy cooperative EnerGent
10:50 – 11:10	Experiences with rural-cVPP in Loenen, The Netherlands	André Zeijseink Loenen Energie Neutraal
11:10 – 11:30	Q&A with panel of replicating communities	Community representatives Belgium, Netherlands, Ireland

The **speakers:**



Anna J. WIECZOREK

Assistant Professor
TU Eindhoven



Luc MESKENS

Project Coordinator
EnerGent



André ZEIJSEINK

Chairman **Loenen Energie
Neutraal (LEN)**



René VAN EGMOND

Managing Partner
Translyse B.V.

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)