

‘Renewable/Energy Communities’: joining technical & social innovation in the energy market

Workshop on open marketplaces to spur innovative energy services

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Who do we represent?

- Renewable Energy Sources cooperatives, Community power, or community energy initiatives (i.e. **energy communities**)
- Groups of citizens who cooperate on RES or EE
 - Production
 - Supply
 - Distribution
 - Storage
 - Services
 - Electrical vehicle sharing
- Legal entity < ICA principles



Energy communities: a different way to do business



1. Voluntary & open membership
2. Economic participation
3. Democratic ownership
4. Autonomy and independence
5. Training & education
6. Cooperation amongst cooperatives
7. Concern for community

Reinvesting profits in energy poverty



Repowering London:

- Solar PV cooperative projects on social housing estates throughout London
- **Energy savings fund:** portion of profits go into EE/renovation initiatives, education

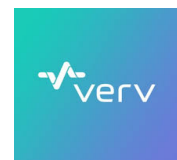


Brixton Energy: block-chain powered peer-to-peer energy trading between neighbors within the apartment block

- Sourced by the existing PV on the roofs
- Can sell or donate excess to allow cheap, clean electricity supply



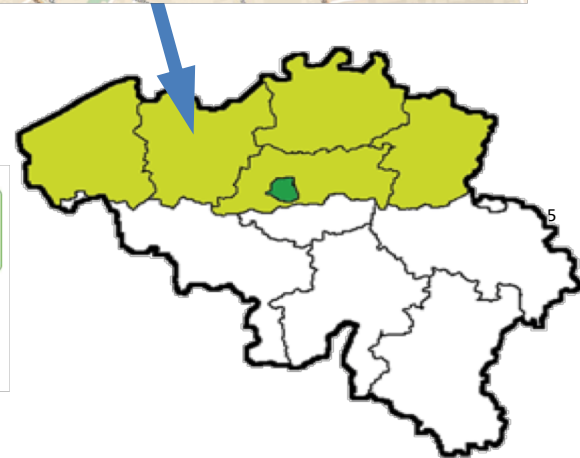
POWER TO, FOR
AND BY THE PEOPLE





WiseGRID pilot site Ghent

- Main demo site Flanders : Sint-Amandsberg, Ghent.
- Neighborhood with 2.500 residents.
- The WiseGRID demonstrator will join an initiative of the city of Ghent, DSO Eandis, Energy supplier Ecopower and REScoop Energent called **'Buurzame stroom'**.



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Benefits of community-owned energy services

- Owned/controlled by the members receiving the services
- Greater protection & trust for individual participants
- Socio-economic and environmental benefits for the community
- Optimization of local distributed energy resource and the energy system
- Public support for the energy transition

*If you want to know more, please
contact us!*

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