



Mobilizing European Citizens to Invest in Sustainable Energy

# Interregional Conference

## Eupen, 17 January 2017

Workshop 4 : Collaboration between Municipalities and REScoops

**REScoop MECISE**

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*Disclaimer: "This presentation reflects only the author's view. EASME is not responsible for any use that may be made of the information it contains."*



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# Ecopower RES Developer & Investor



Belgium (Flanders)

Founded year 1991

50.000 cooperative members

50 M€ equity

65 M€ operational assets:

Wind: ~45 MW

PV: ~ 5,4 MW roof mounted, > 250 sites

Small hydro: < 1 MW (historic sites)

Wood pellet production : 40.000 tons/y



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# Ecopower Supplier Green electricity & RE fuels



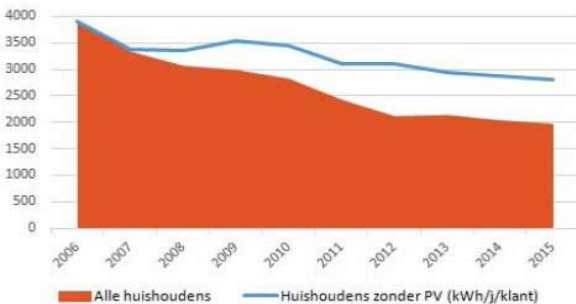
**GROENE STROOM?**  
UW LEVERANCIER GETEST

- Supply activity = service to cooperative members
- ~100GWh/year electricity
- ~2 % of households in Flanders
- ~47.000 customers

Dienstverlening energieleveranciers

	Score Op basis van het aantal klachten	Aantal klachten	Telefoons beantwoord binnen 60 sec.	Kosten vervroegde stopzetting
Ecopower	★★★★★	1 op 23.800	98%	0 euro
Electrabel	★★★★★	1 op 4.900	80%	50 tot 75 euro
Luminus	★★★★	1 op 3.225	80%	50 tot 75 euro
Ebem	★★★★	1 op 1.875	95%	0 euro
Belpower	★★★	1 op 1.495	98,76%	50 tot 75 euro
Nuon	★★	1 op 980	onbekend	50 tot 75 euro
Lampiris	★★	1 op 775	98%	50 tot 75 euro*

- 5 stars in Greenpeace-ranking every year
- Highest score customer satisfaction on the market
- Linear tariff encouraging EE and installation of PV
- Av. electr. consumption dropped >50% in 10 years !  
(4500 → <2000 kWh; <3000 non-PV clients)



- Ecotraject for deep energy renovation
- Guidance for wood pellets domestic heating

Effectively linking RES with EE



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# REScoops Community Energy Initiatives

- Cooperatives of citizens becoming effective and competent actors in the energy sector
- All energy activities : Production – Distribution - Supply
- Financial, economic and social involvement of citizens
- Adhering 7 ICA principles
- Fostering Clean and Just Energy Transition
- Involving local economic actors, creating energy awareness, acceptance for renewables, developing investments
- Joining forces all over Europe – Federation REScoop.eu
- 



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# MECISE Mobilising European Citizens to Invest in SE

Established REScoops mobilizing >100.000 EU citizens,  
activities building on experience and good practice:

- **Develop**, finance, build and operate RES projects and combining with EE investments
- **Facilitate** citizens and local authorities to invest in RES and EE
- Set up REScoop-dedicated **financing** structures for RES and EE investments
- 180 GWh RES **generated** - 16 GWh **saved** - 100.000t CO<sub>2</sub> **avoided**



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# Natural Alliance Municipality & REScoop

- same stakeholders : citizens
- same goals for climate action
- (Sustainable) energy is a not core task of local authorities
- Covenant of Mayor SEAP ? How to put the plan in practice ?



- REScoops have capacities and skills that local authorities lack
- project development, technical & financial feasibility check
- Financing
- Several types of collaboration possible
- Check public procurement procedures



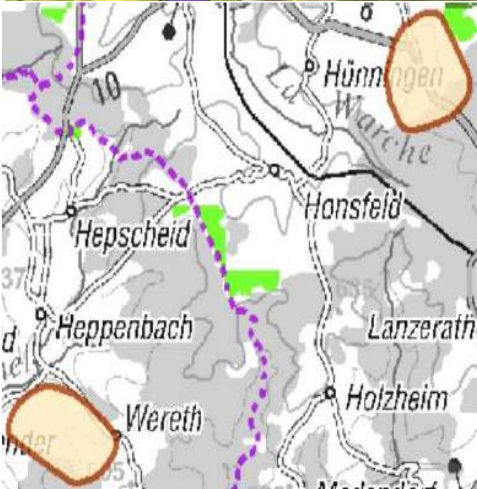
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# Examples of Municipality-REScoop collaboration



Municipality **request REScoop as developer**, supports and facilitates direct citizen's participation, but does not financially participate in the investments

- Eeklo (2x), Asse , Beersel, Schoten, Alken, Mechelen



Next phase: in addition, municipality **requests possibility to invest itself (co-ownership)**. First concrete projects now in development.

- Amel-Büllingen (Wallonia), Lanaken (Flanders)



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# Lanaken & REScoops Ecopower & Bronsgroen



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# EE measures "bankable"

- Profitability of EE investments is mostly poor
- Combine EE measure with RES investments of sufficient size
- Development and financing as a whole



- Generating stable cash flows
- Financial stability over operational phase
- Example: deep energy renovation of municipal building (1-2 M€) + small wind farm (~10 M€)



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# Ecotraject by Ecopower



- Ecopower EE service
- Quick scan online
- Energie-id monitoring
- test fase on selected 5 typical cases
- dissemination and promotion
- rol out Asse & Beersel in 2017
- first investments end 2017

## DEEL 2: UW ENERGIEVERBRUIK



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# Time for Interaction



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RESCOOP

[www.rescoop.eu](http://www.rescoop.eu)



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