

# REScoop.EU

EU federation of citizen energy cooperatives

RE/SOURCED  
Renewable Energy SOLUTIONS for URban  
communities based on Circular Economy  
policies and DC backbones

Dirk Vansintjan, president REScoop.eu

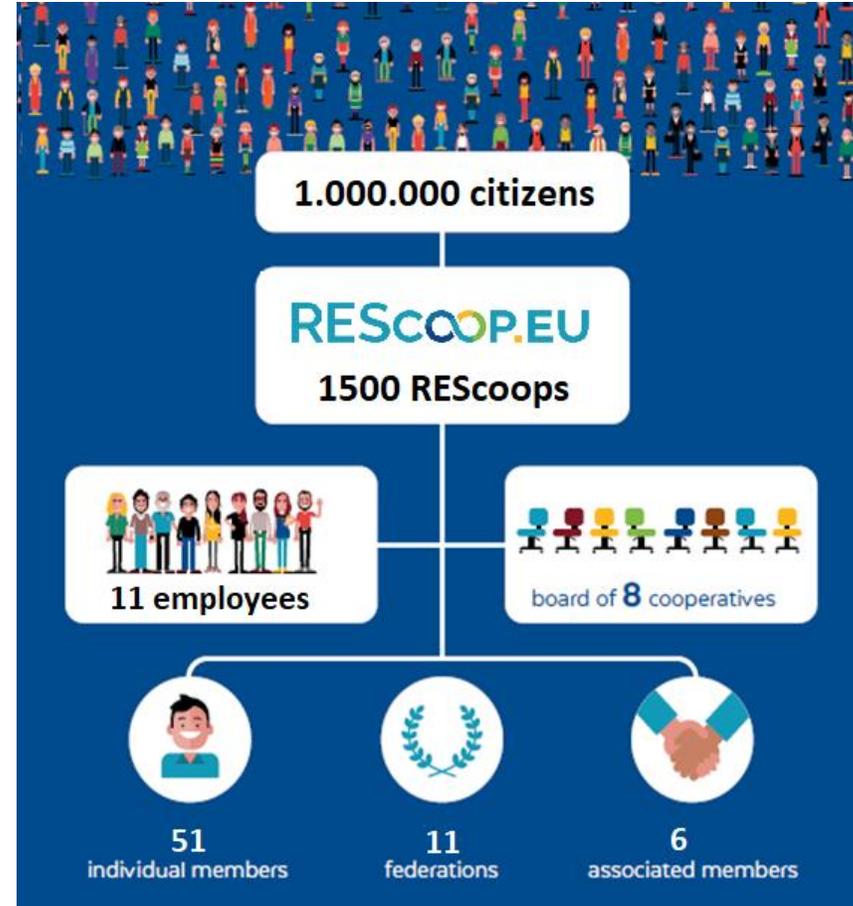
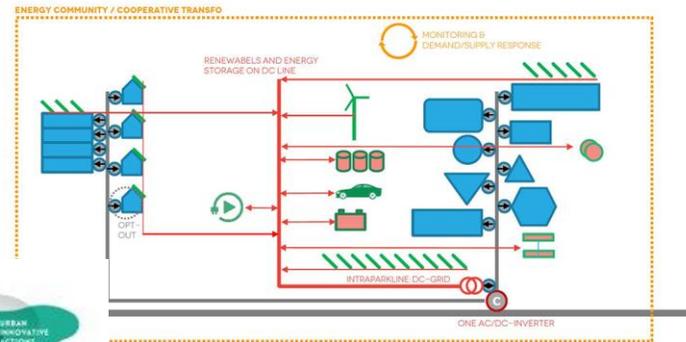
Sixpack webinar EC Energy community projects in Belgium and the  
EU 09/03/2021



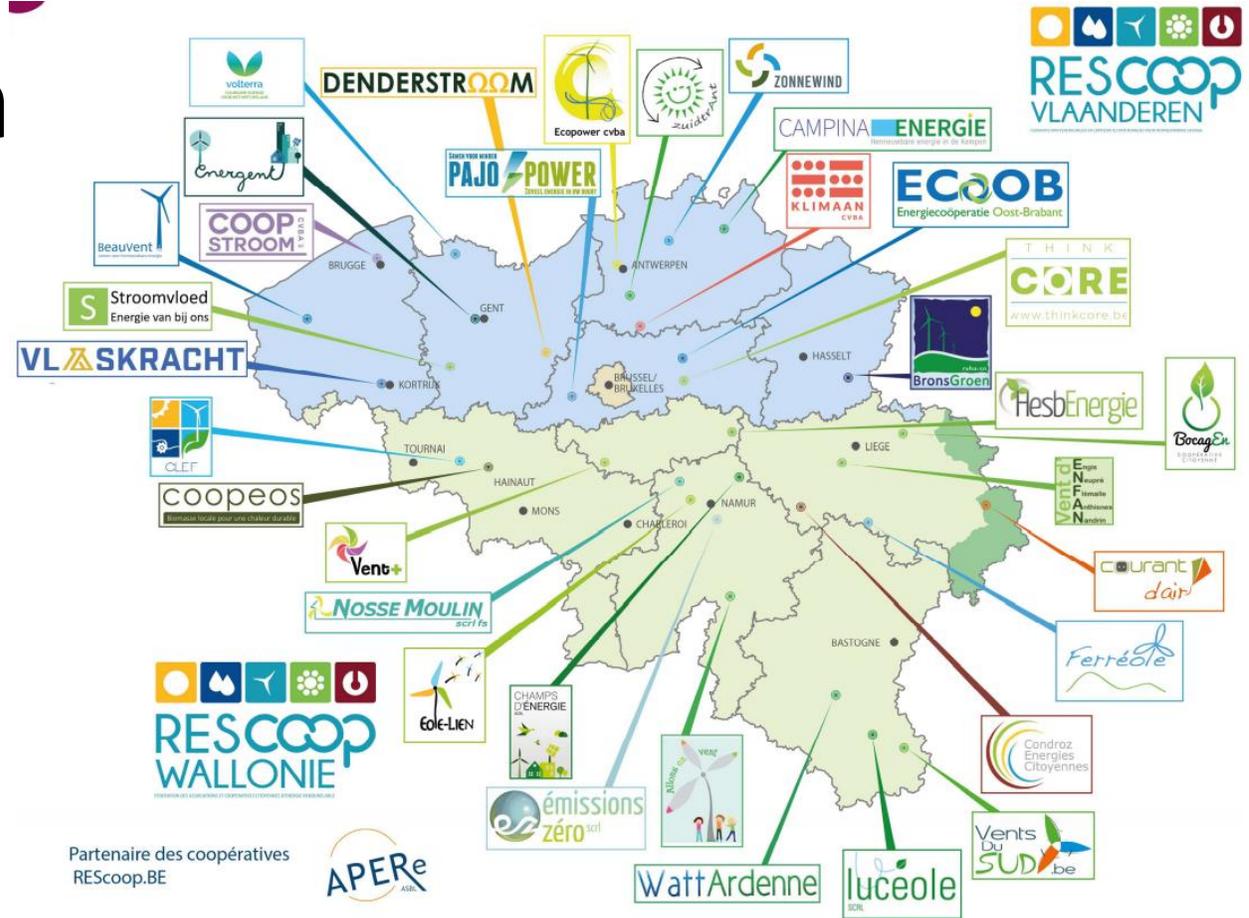
# REScoop.eu?



EU financed projects: e.g. RE/Sourced UIA project  
SMART GRID SETUP



# In Belgium

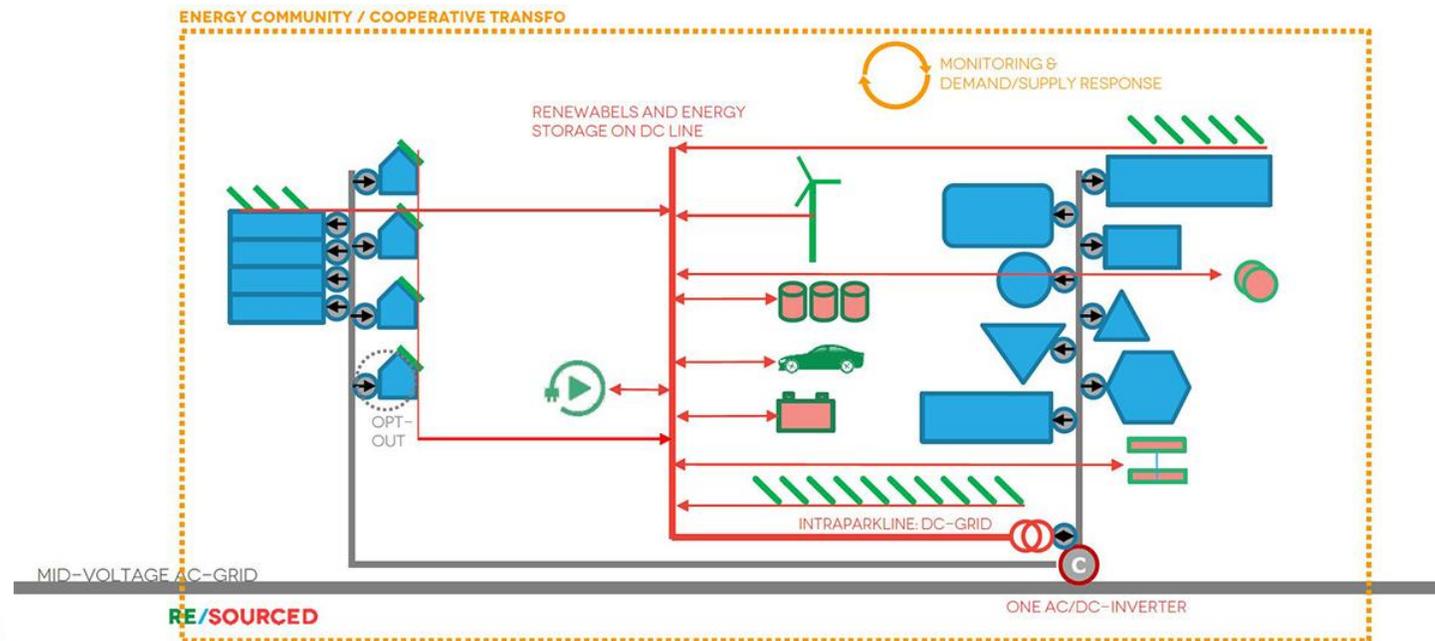


# Transfo site Zwevegem

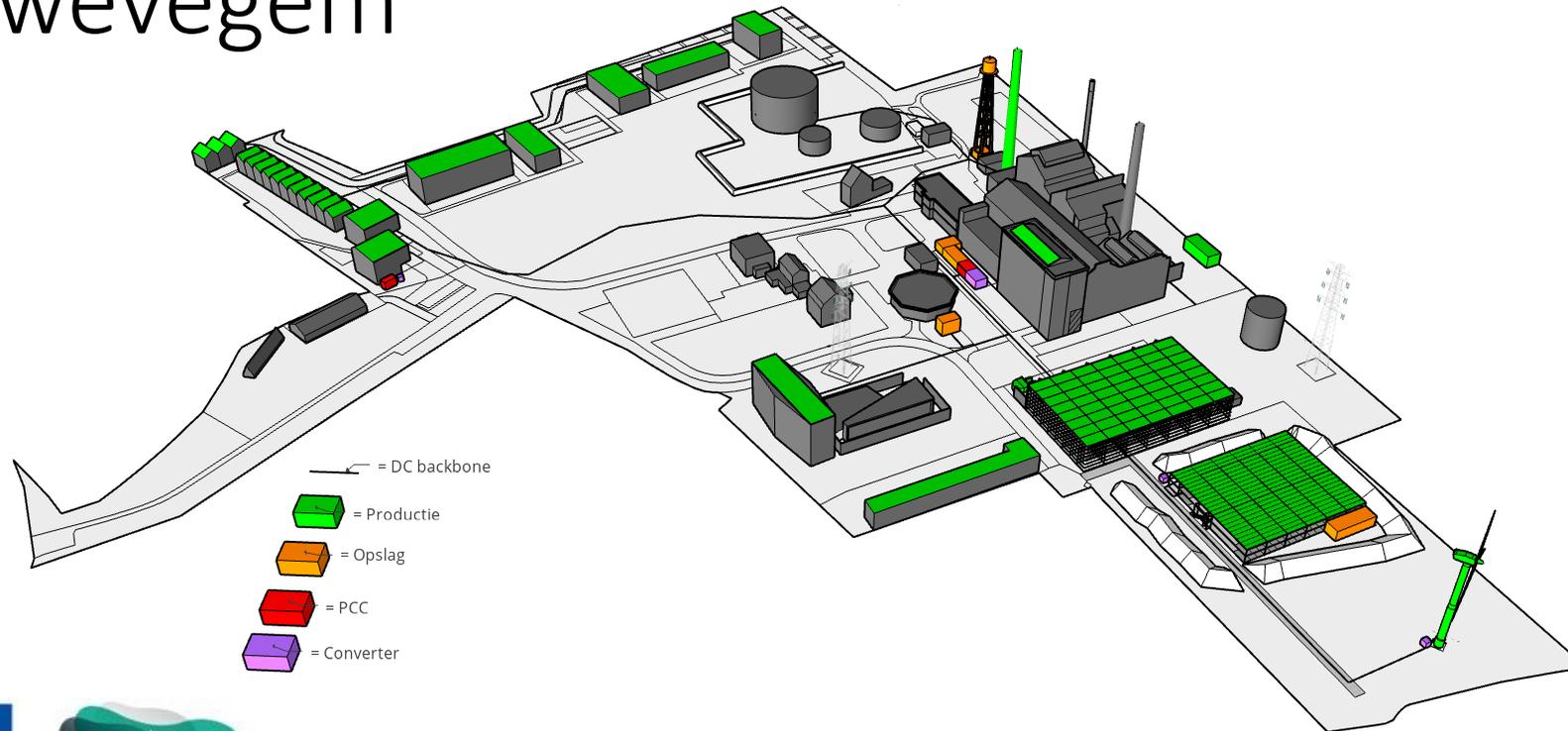


# Transfo site Zwevegem

## SMART GRID SETUP



# Transfo site Zwevegem



# The project partners



- 1 Intermunicipal Association: Leidedal**
- 1 municipality: Zwevegem**
- 1 regional public authority: Province of West Flanders**
- 1 university: Ghent University**
- 1 research organisation: Flemish Institute for Technological Research (VITO)**
- 2 business support organisations: Flux50, REScoop.eu**



# The project in numbers



90%

of the Transfo district's energy use will come from a community-shared renewable energy system.

50%

of the elements used to build this system will be sourced using circular procurement.

70

families will experience the added value that this lighthouse project offers.

10

businesses will experience the added value that this lighthouse project offers.

50 000

visitors will experience the added value that this lighthouse project offers.

3,998,436.80

Total ERDF budget granted



# Role of REScoop.eu

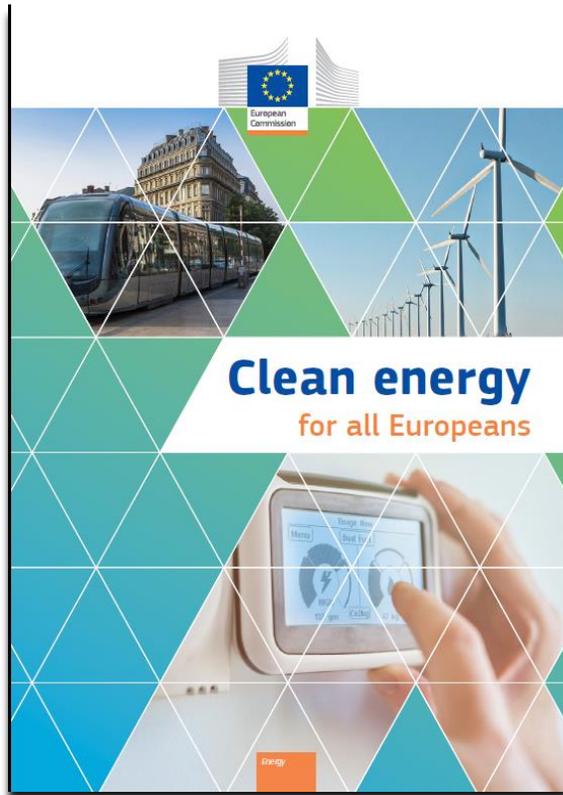


-Set up an energy community, a renewable energy co-operative, in which all site users can also have a share, will manage the infrastructure and co-operation.

-Sharing energy production and storage facilities enables the community to obtain the same level of self-sufficiency with far fewer materials and also enables local balancing through demand-side management.



# Clean Energy for All Europeans



The Commission published its Communication on Energy Union on February 25, 2015 [COM (2015) 80 final]. This Communication calls for a fundamental transformation of Europe's energy system: to speak globally with one voice; to, *inter alia*, build a sustainable, low-carbon and climate-friendly economy that is designed to last; where energy flows freely across borders, based on competition and the best possible use of resources; **with citizens at its core, where citizens take ownership of the energy transition**, benefit from new technologies to reduce their bills, participate actively in the market, and where vulnerable consumers are protected.



# EU definition on renewable energy communities and its transposition in BE/FL

- *legal entity: open and voluntary participation, autonomous, controlled by its members based in neighbourhood of renewable energy projects developed and owned by this legal entity;*
- *Its shareholders are natural persons, but open to local authorities and SMEs;*
- *Main purpose: offer its members or local area environmental, economical or social advantages rather than financial profits*

Legal entities most fit in Belgium: recognised cooperatives, enterprises with social aim), not for profit organisations and organisations of co-ownership (apartment blocks).



# EU definition REC

## *Article 22: renewable energy communities:*

Member states ensure that especially households have the right:

- To participate in a renewable energy community
- While conserving their rights and obligations as end-consumers
- Without discriminating conditions and procedures that might hinder their participation in a REC

For participating commercial companies the participation can not be their most important commercial or professional activity.



# EU definition

RECs have the right to

- produce,
- Consume,
- Store
- Sell renewable energy.
- Share renewable energy produced by the production units developed and owned by the REC;
- Access to the suitable energy markets, directly but also by means of aggregation.

Member states evaluate existing barriers and the potential of RECs on their territory.

Member states create an enabling framework to promote and facilitate the development of RECs.



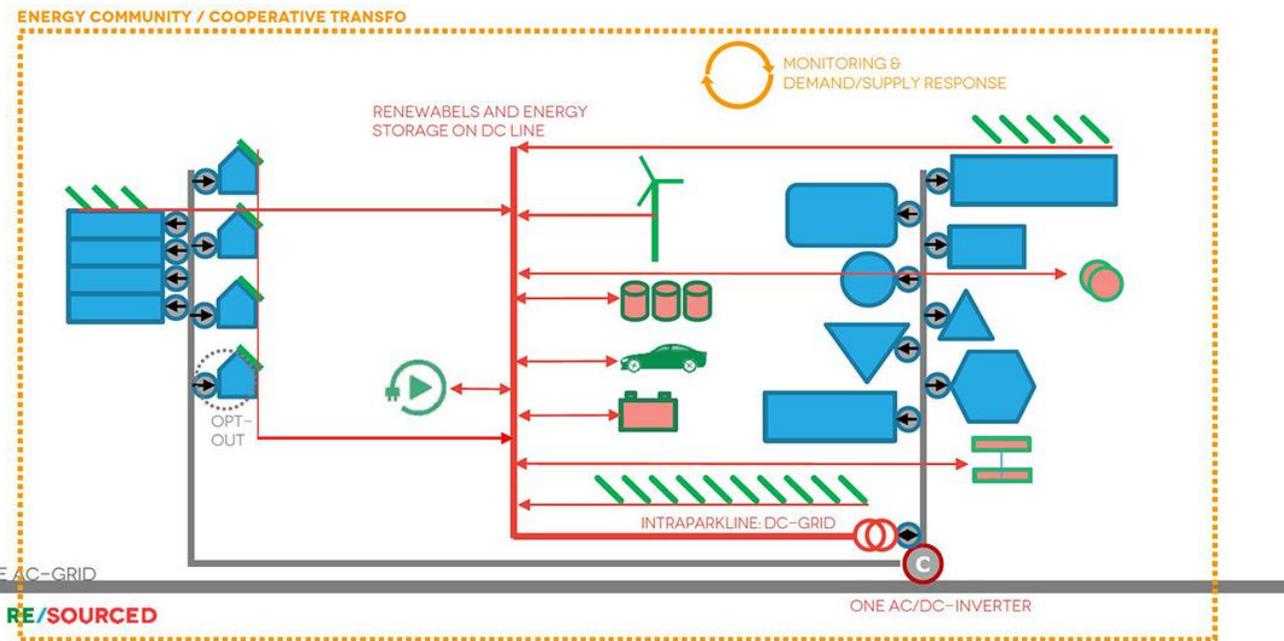
RESCOOP.EU

How is the transposition going on in  
Flanders/Belgium?



# What will this mean for Transfo?

## SMART GRID SETUP





[dirk.vansintjan@rescoop.eu](mailto:dirk.vansintjan@rescoop.eu)

