

FORERUNNERS

Eeklo - District heating network

Region: Belgium - Flanders

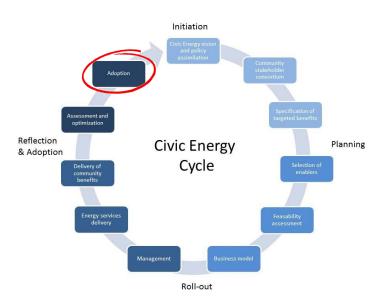
We have currently conducted an agreement with ION on a second DHN for a new development in Eeklo. This installation will run on solar energy in order to supply electricity. The heath will be produced via gas combustion units as well with heath pumps.

Current stage of pilot with respect to Civic Energy Cycle

Adoption

Targeted benefits

- Create a flexible energy mix system for the users
 Incorporate as well solar as an alternative power source
- Produce a future proof DHN with a minimum 45% renewable source
- Reduce carbon dioxides emissions
- Increase acces to green energy by an affortable way
- Reduce energy poverty by reduce the price for energy
- An active role in the broader energy transition
- Financial benefits for all stakeholders
- Social cohesian between the different companies
- Public acceptance
- Increased employment in the local area
- Improved comfort and indoor climate
- Protecting the natural environment and living conditions
- More reliable access to resources
- Optimalization of business processes
- avoid energy dependence



Delivered benefits

- · Create a flexible energy mix system for the users
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Stakeholders involved

- Citizen
- local politician
- Ecopower
- local compagnies
- local project developers (residential houses)

Capacities for improvement

not defined yet

Risks and barriers

- political framework
- demand

