

Leuven - Ertzberg DHN

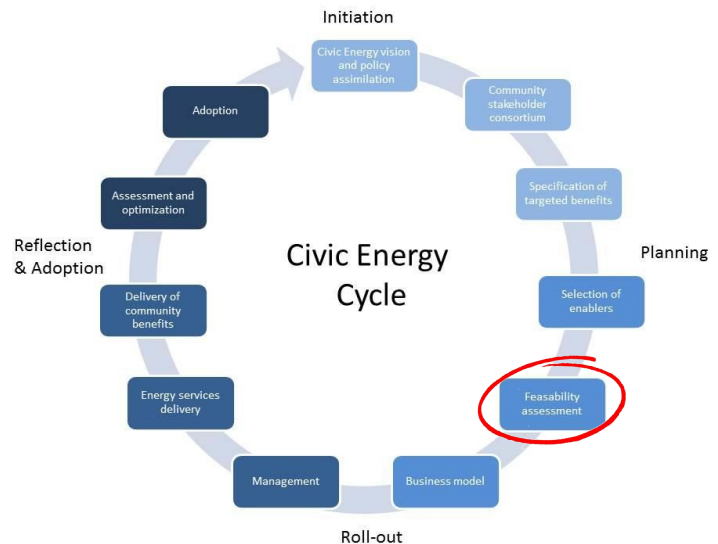
Region: Belgium - Flanders

Leuven is a COBEN adopter. They were interested in the COBEN method. They want to adopt the COBEN vision for the extension and optimisation of the district heating network.

Creation and extension of a state of the art DHN system in the city of Leuven. Where the basis of the low temperature network would be subtracted from the AB Inbev production plant. Low temperature heat of approximately between 25° and 40° will be upgraded to a maximum heat level of 69°.

Current stage of pilot with respect to Civic Energy Cycle

- Feasibility assessment



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 affordable 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 acces to resources
- Optimalization of business processes
- avoid energy dependence

Delivered benefits

- none delivered yet

Stakeholders involved

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

Capacities for improvement

- time :)
- political courage
- extra funds

Risks and barriers

- not defined yet

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