

Building Europe's first wave of Local Energy Action Plans

As part of the Interreg North Sea-funded initiative COPPER, six towns and cities are hosting first-of-a-kind pilots for local energy action planning (LEAPs). Coordinated by municipalities in collaboration with their DSO, LEAPs are a bundle of techniques and activities that will help municipalities plan and act for green, locally-powered cities.



Ghent, BE

As well as being Lead Partner, **Ghent will support a flexibility pilot for the upcoming 'all-electric' neighbourhood of Mariakerke** in partnership with the University of Ghent and working closely with local DSO Fluvius.

Antwerp, BE

Working closely with local DSO Fluvius, **the city of Antwerp will pilot energy planning solutions in Linkeroever (the Left Bank)**, targetting two big stressors on its increasingly decentralised local grid - heating and electric mobility.

Dordrecht, NL

Working closely with local DSO Stedin, the city of **Dordrecht will pilot energy planning and flexibility solutions** in DistriPark, one of Europe's first energy neutral business parks.

Bremen, DE

Working closely with cambio Bremen, the local branch of shared mobility provider cambio Mobilitätsservice, **Bremen will install and monitor charging infrastructure** for a fleet of 20 electric vehicles to inform a mobility-based LEAP.

Fredericia, DK

Working with Aalborg University, **the municipality of Frederica will pilot a virtual energy community**, generate scenarios for sufficient renewable power in different locations, and understand the impact electrifying large scale industry on the local grid.

Varberg, SE

DSO Varberg Energi will further roll out Nätflex, a city-wide virtual power plant that will make it easy for private energy customers to connect their assets up to the local grid and earn an income from providing flexibility services, being paid to store and dispatch energy when needed.

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