

WHY LOCALLY-POWERED CITIES NEED LOCAL ENERGY ACTION PLANNING

A Local Energy Action Plan (LEAP) allows a city and its stakeholders to coordinate the local energy system, aligning actions and investments with urban development goals and climate commitments



1

All areas of city life will need to move away from fossil fuels by 2030 - with local green energy part of most city climate plans

2

An uncoordinated city-wide push for green energy risks falling short of targets or overwhelming the local energy system

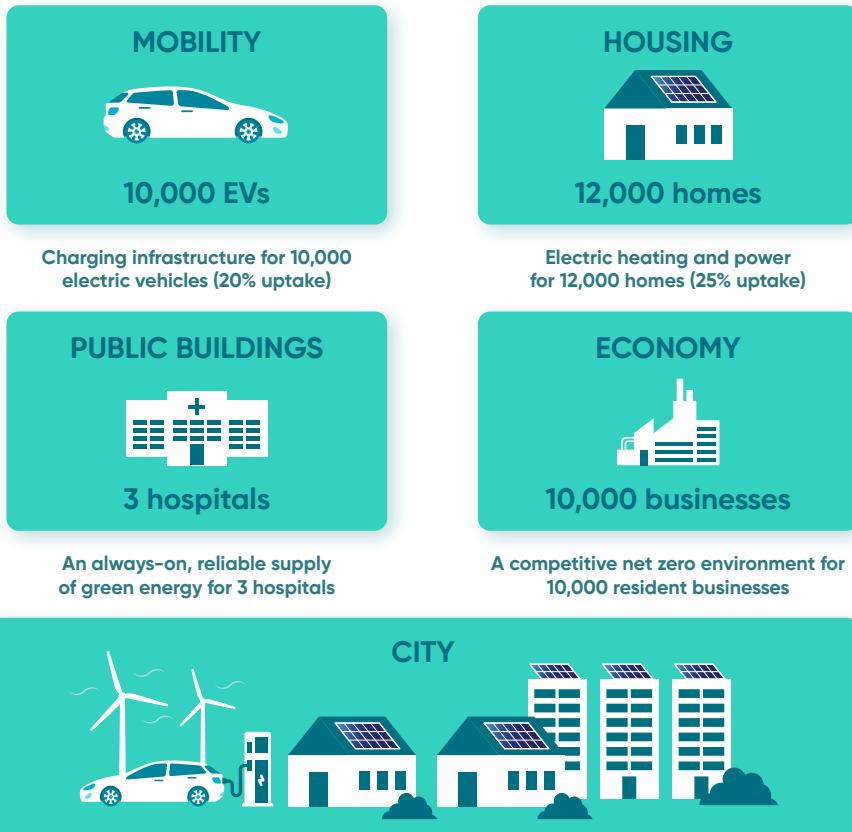
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A Local Energy Action Plan guides cities to **coordinate energy systems that deliver on climate targets and urban development goals**

INTEGRATED ENERGY SYSTEM PLANNING IS CENTRAL TO THE CLIMATE TRANSITION

Achieving climate goals requires every activity in cities to shift to green energy

This means that by 2030, every city department must be prepared for green energy. For a city of 100,000 people, that means providing:



A city energy system capable of delivering electricity for all of these transformations

The local green energy transition will only work when coordinated at city level

A city can only reach its climate goals through a big expansion in green electricity through a reliable local energy system.

Coordinating this expansion across the city is vital to ensuring every department gets what it needs to meet their net zero commitments.



2x estimated increase in investment costs of whole energy system¹

70% of new renewables powering these changes will be installed locally²

6/10 cities have not started detailed climate planning yet³

¹ [here](#), ² [here](#), ³ [here](#)

LOCAL ENERGY ACTION PLANNING ENABLES CITY-WIDE COORDINATION OF THE ENERGY TRANSITION

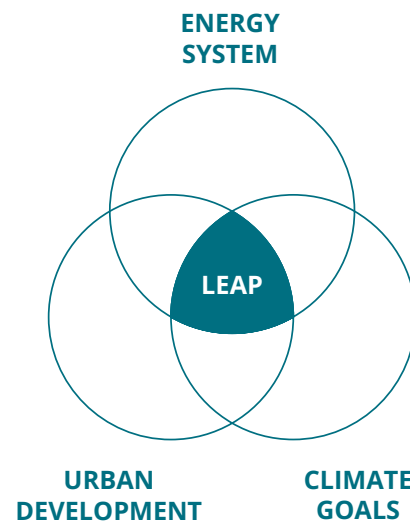
Cities need a plan that aligns energy systems with urban development and climate targets

To reach their climate goals while keeping city-wide plans on track, cities need to understand and coordinate the energy needs of all city activities, making sure they are compatible and deliverable. This requires in a cross-departmental action plan that works to deliver existing climate strategies and targets.

This is called a Local Energy Action Plan

A Local Energy Action Plan (LEAP) is an action plan jointly developed by relevant city departments and the local stakeholders shaping the future of supply and demand.

It combines city planning with energy network planning to identify priority actions to build clean, flexible, decentralised and digital energy systems capable of supporting the city's energy transition.



How Local Energy Action Plans work

A LEAP aligns energy actions across all city departments with input from key supply and demand partners.



A LEAP translates climate commitments, plans and strategies into an actionable energy plan that delivers a green, resilient, locally-powered energy system.



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Authors:

Joost van Cruchten
Benedict Gardner (Bax)

Design:

Mathis Fay (Bax)

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Lead author:

 on behalf of 

Contributions from:



Learn more about Local Energy Action Planning:

Contact: contact@coppercities.eu

LinkedIn: <https://www.linkedin.com/company/coppercities>

Website: <https://www.interregnorthsea.eu/copper>

