



### WEST SUFFOLK

**60% CO2 reduction by 2025**

Multi-sector local smart energy system for improved flexibility and local renewable energy sources

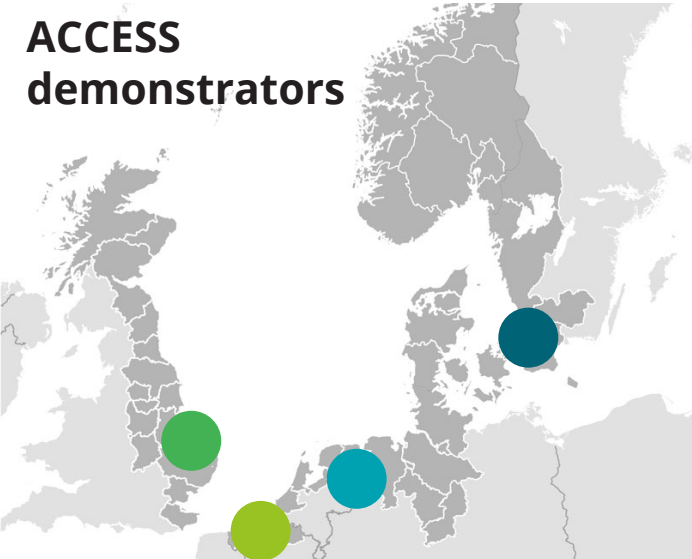
### MALMÖ

**100% Renewable Energy by 2030**

Parking garages as local smart energy hubs improve city districts' self-sufficiency and flexibility.



## ACCESS demonstrators



### MECHELEN

**40% CO2 reduction by 2030**

Smart energy - mobility hub for a new local energy community

### AMERSFOORT

**Energy-neutral by 2030**

Peer-to-peer trading in a citizens energy community



Feel free to contact us:

VITO

dorien.aerts@vito.be



**Interreg**  
North Sea Region  
ACCESS



European Regional Development Fund

EUROPEAN UNION



## ADVANCING COMMUNITIES TOWARDS LOW-CARBON ENERGY SMART SYSTEMS

The energy transition will take place at cities. ACCESS empowers cities to coordinate local stakeholders for supporting and investing in the transition of Europe's energy system.

## THE ENERGY SYSTEM TRANSITION

The North Sea Region is leading the way in the uptake of sustainable energy, moving towards decentralised energy grids. As the region prepares for the transition, new challenges related to governance, finance and technology choices arise.

No single organisation has the expertise or ability needed to tackle all these challenges and experiment with the broad range of technologies, governance and financing models needed. From local energy community hubs to peer-to-peer energy trading models, the ACCESS partners will jointly explore how scaled approaches could be achieved.

This will result in a systematic upscaling approach, that delivers sustainable energy strategies and action plans to enable the local energy system transition, transferable to other authorities in the region.

## THE ACCESS PROJECT OBJECTIVES

### 25% CO2 reduction

ACCESS demonstrators will facilitate the uptake of resource-efficient low-carbon technologies enabling improved efficiency, RES % and reduced consumption.

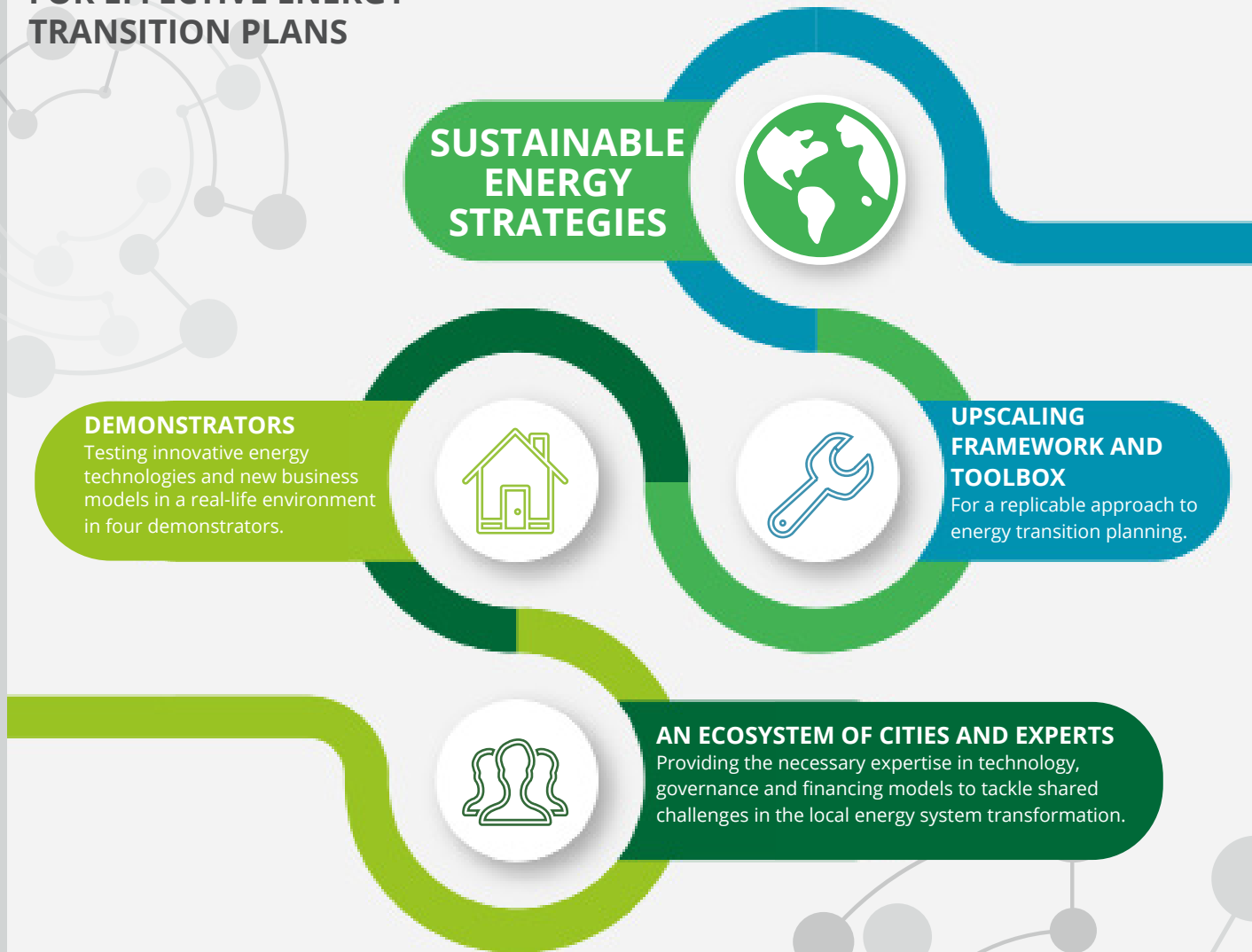
### 30% reduction in project development time

ACCESS upscaling framework will support cities in systematically implement and scale up their smart energy projects.

### 20% reduction of project development costs

ACCESS approach will reduce the energy transition costs through improved planning and coordination of local stakeholders and projects.

## A SYSTEM-BASED APPROACH FOR EFFECTIVE ENERGY TRANSITION PLANS



## CHALLENGES

