

REACHOUT

Co-designing climate services for climate-resilient cities

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What is REACHOUT



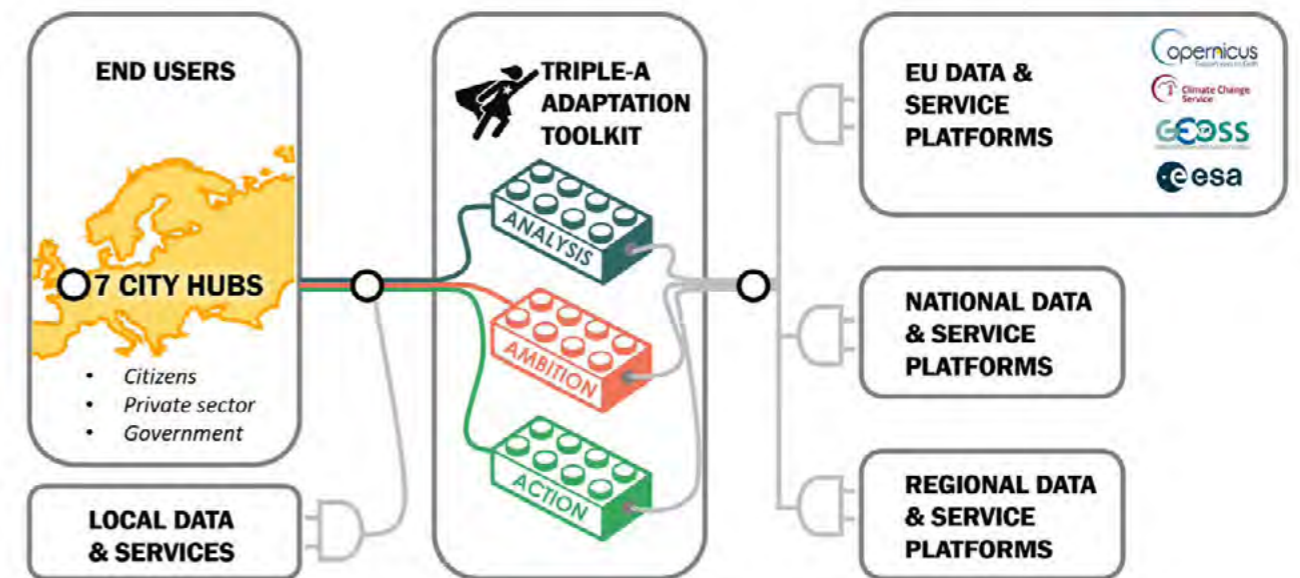
REACHOUT is a European Commission funded research and innovation project to advance user-oriented climate services to support the implementation of the Green Deal. Therefore, research partners, climate service providers and city stakeholders are co-developing a coherent set of services for seven city hubs across the EU. These services support cities to Analyze hazard, exposure and vulnerability to climate change, formulate Ambitions for Climate Resilient Urban Development, and identify, evaluate and select adaptation Actions for implementations.

This Triple-A toolkit builds upon and utilizes existing tools and services. To ensure sustainability beyond the lifetime of the project, REACHOUT cooperates with existing climate service platforms and develops business models for implementation of the services from the start.

REACHOUT brings together a highly experienced transdisciplinary team with comprehensive knowledge on climate change adaptation and climate services, experienced in working in cities. It tries to bridge the last mile and engage citizens and the private sector through active participation, building capacity and fostering collective action towards resilience ambitions, addressing climate-related vulnerability.

Triple-A approach

The Triple-A approach is based on experiences in many cities across the world. At the start of the project the “toolkit” is compiled from a concrete set of proven successful tools, climate information branched off the Copernicus Climate Change Service (C3S) portal, and a set of background data layers on land use and socio-economic indicators. Additionally, the project is developing localized (city specific)



‘climate stories’ which translate climate science into information that the local officials, water experts, advisors, citizens and companies can understand and work with.

The underlying Triple-A approach has been successfully applied in the Dutch National Spatial Adaptation program reaching most municipalities in the Netherlands. An agile development process is followed, consisting of **three one-year loops**, enhancing relevance by including possibilities for crowd sourcing and **engagement of citizens and private sector**. City Hubs apply the toolkit and provide the platforms for co-creation. EU wide upscaling is to be achieved through a City Hub approach and through connection to national and EU service platforms.

City hubs

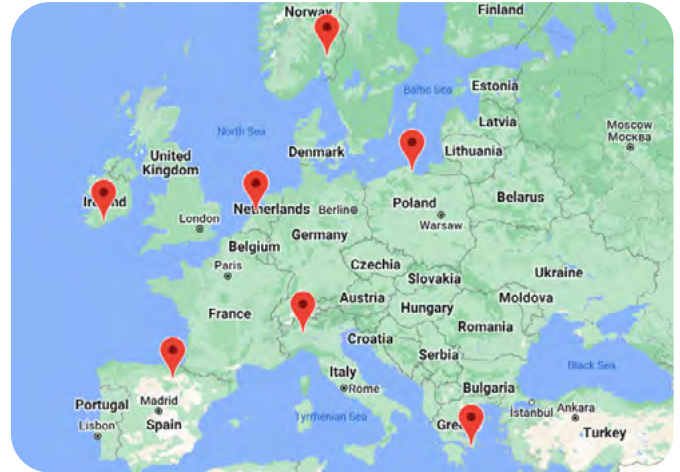
REACHOUT is using City Hubs as anchors to advance climate services. Adaptation to climate change needs to be integrated with

other, non-climatic priorities. Therefore, cities’ responses vary between countries, regions and communities and require a **tailored approach**. The number of cities and towns committed to acting on climate change has grown substantially in Europe. However, the range of development in climate adaptation between cities is still quite large. REACHOUT aims to capture this diversity and has selected 7 cities that have a natural leading and exemplary role within their networks (hubs) so they can serve as **accelerators for upscaling**.

In the first round of development the City of **Cork** is working with Deltares and University College **Cork** on the development of a community flood resilience support system to support their long term flood risk management planning;

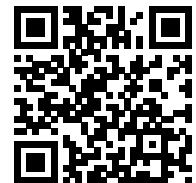
the cities of **Athens** and **Logroño** are working with Tecnalía and Resilient City Network on advancing heat mapping tools for urban development priority areas; the city of **Lillestrøm** is working with Deltares and NGI to set up a tool that can explore opportunities for ecosystem based adaptation; CMCC has started to work with **Milan** and **Athens** on high resolution pluvial flood impact analysis; and CAS and NGI are working on developing climate stories for all cities starting with a screening exercise for **Gdynia**. Within the **Amsterdam** hub the pension fund investor APG is working with the VU and CAS to improve asset level storm and flood impact analysis that should inform investment portfolio management.

The approach of using the city hubs as cases for co-creation of services allows to build on existing experience and **peer to peer learning** among the broader ecosystem within the City Hub and guarantee a **strong local level ownership** through active involvement of urban authorities, private sector, and civil society.



Contact information

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Our partners:



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