Cities TCP

Decarbonising Cities and Communities

https://cities-tcp.org

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Bundesministerium
Innovation, Mobilität
und Infrastruktur

IEA Research Cooperation

FFG

iea
International
Energy Agency

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SALZBURGER INSTITUT FÜR
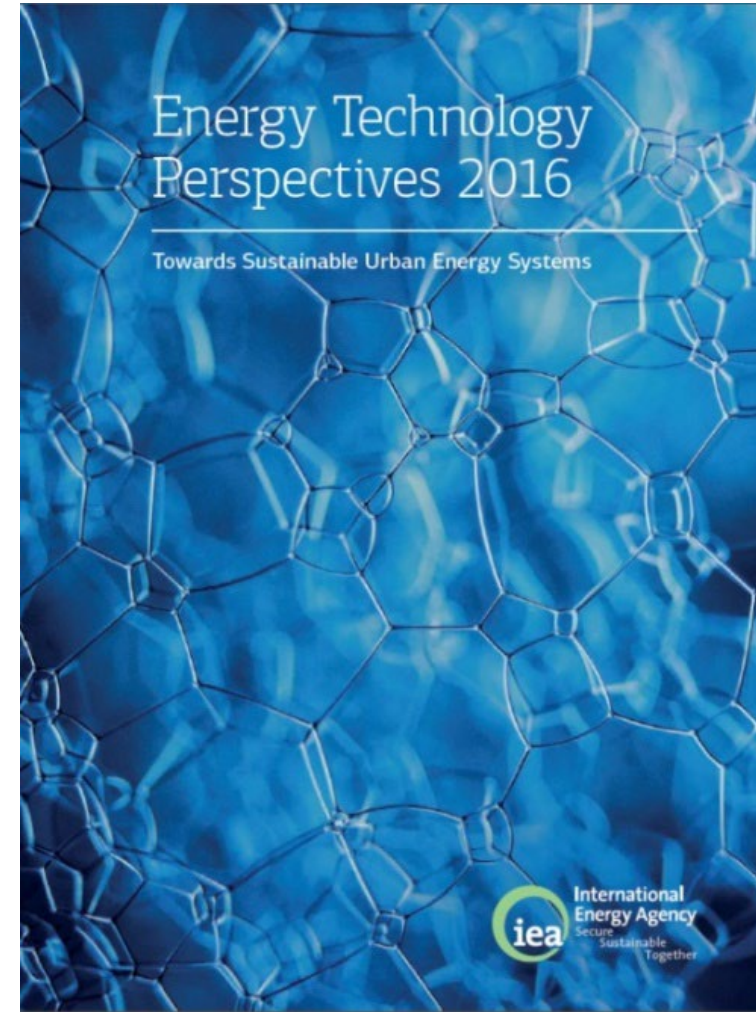RAUMORDNUNG & WOHNEN

Towards Sustainable Urban Energy Systems

"Cities are at the heart of the decarbonisation effort"

Towards Sustainable Urban Energy Systems

"Cities are at the heart of the decarbonisation effort"

"Mobilizing the urban sustainable energy potential requires strong support from national governments to local policy makers"
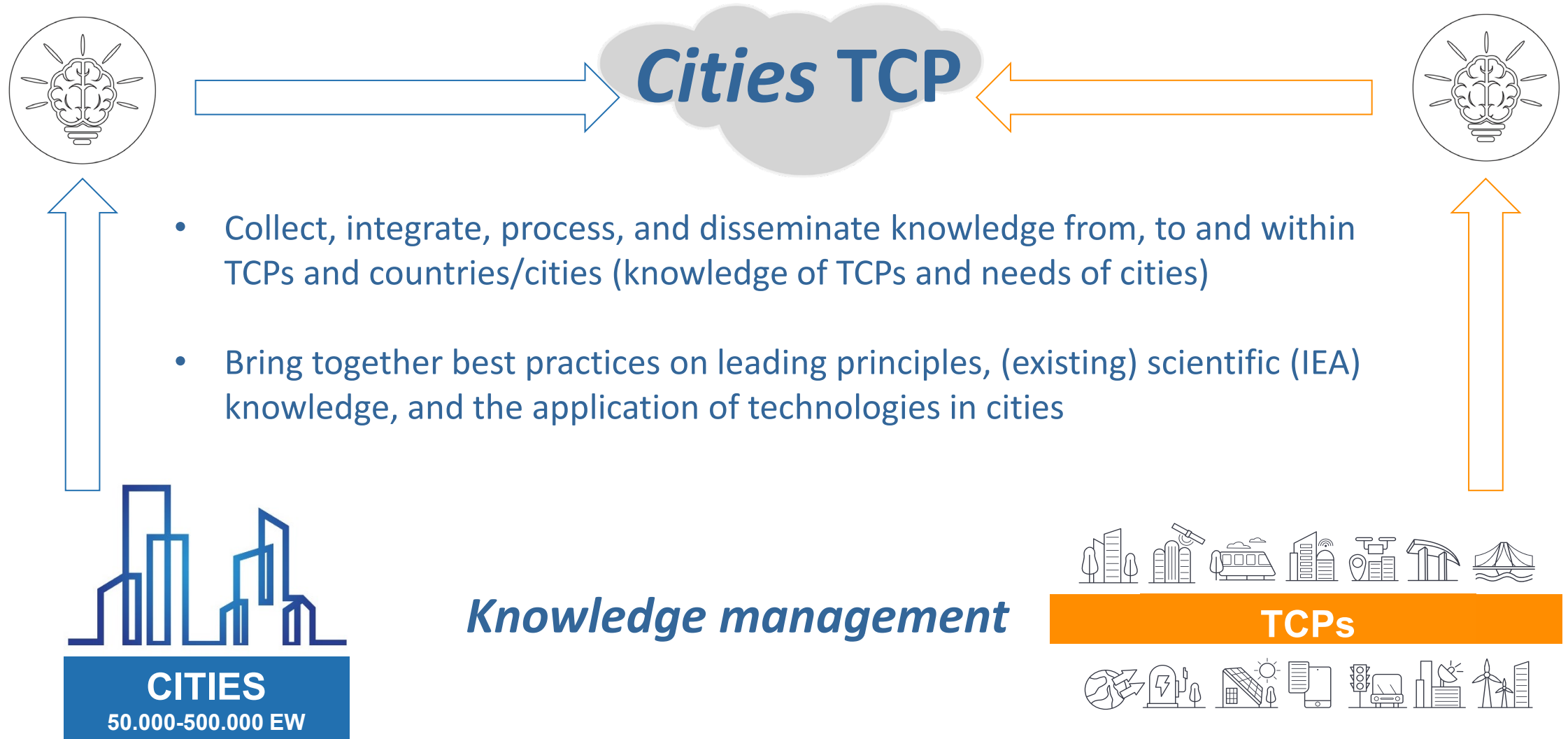
CITIES Vision and mission

… "by 2050, cities have transformed their current energy supply and mobility into CO_2-neutral systems through knowledge-based and ambitious action, while simultaneously ensuring a high quality of life for and broad acceptance by their citizens."
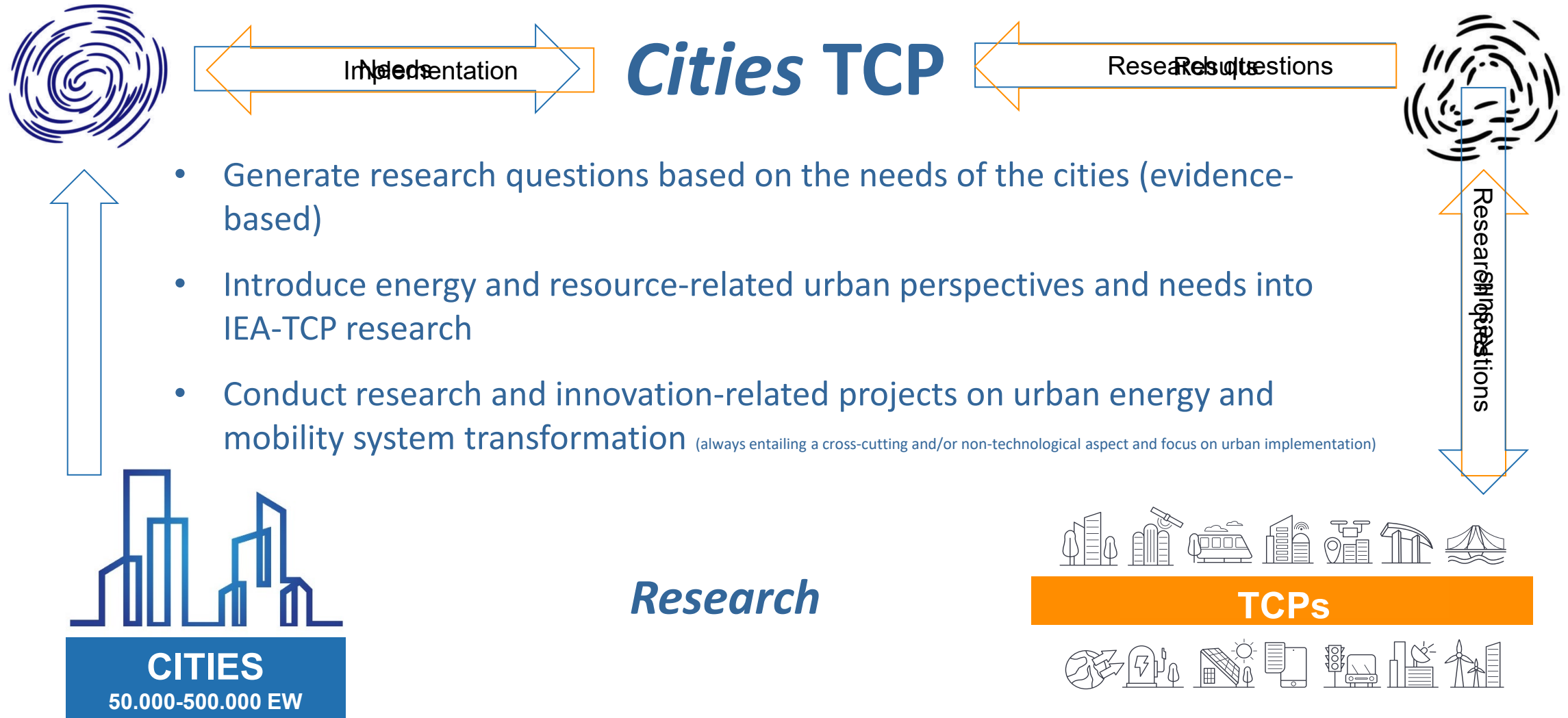
The *Cities* TCP aims to provide

- scientific and evidence-based information, tools, and recommendations to **support urban decarbonization efforts**

- an **international forum and communication channel** for research and innovation-related projects on **urban energy and mobility system transformation** and the **exchange between TCPs** to share innovation in each field as well as **between TCPs and practitioners** to share best practices and to pool resources.

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Objectives

Cities TCP

- Collect, integrate, process, and disseminate knowledge from, to and within TCPs and countries/cities (knowledge of TCPs and needs of cities)

- Bring together best practices on leading principles, (existing) scientific (IEA) knowledge, and the application of technologies in cities

Knowledge management

CITIES
50.000-500.000 EW

TCPs

Objectives

Cities **TCP**

Implementation / Needs ← | → Research Results / Research questions

Research Questions / Research Impacts

- Generate research questions based on the needs of the cities (evidence-based)

- Introduce energy and resource-related urban perspectives and needs into IEA-TCP research

- Conduct research and innovation-related projects on urban energy and mobility system transformation (always entailing a cross-cutting and/or non-technological aspect and focus on urban implementation)

Research

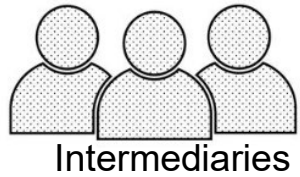**CITIES**
50.000-500.000 EW

TCPs

Objectives

Cities TCP

Intermediaries
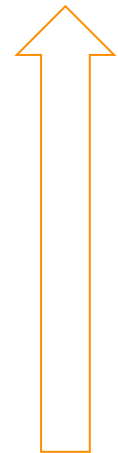
- Initiate the exchange of expertise between TCPs with relevance to urban energy systems and between TCPs and ExCo experts

- Enable the dialogue between technical and non-technical experts

Networking

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50.000-500.000 EW

TCPs

CITIES Scope

Ongoing Tasks

Task 1: Collaboration, Cooperation, and Knowledge

Task 2: Data for Urban Energy Planning

Task 3: Multiple Benefits and Blended Finance

Task 4: Climate Neutral Districts

Task 5: Sustainable Cooling in Cities (Annex 97 / EBC TCP)

Member Countries / Sponsors

Contracting parties: Austria, Italy, Netherlands, Norway (dormant)

Participation process: European Commission, China, Sweden

Interested: France, Germany, Portugal, Spain, UK, Medener Countries (African Countries), RCREEE (Arab Countries)

Sponsors: Global Covenant of Mayors for Climate and Energy

Collaboration: Urban Transition Mission (global knowledge platform), EnR Network

Other IEA TCPs (EBC, HPT, SHC, TCP, Users)

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