

# Monitoring, Evaluating and Transferring Instruments to address Climate Change in Metropolitan Regions



## Project Idea

*This project aims to monitor, evaluate and further develop innovative instruments to promote the Rational Use of Energy (RUE) and the use of Renewable Energy Sources (RES) in metropolitan regions in Europe.*

## City Instruments Partnership

The participating cities can exchange ideas constructively as they all have very different backgrounds and diverse experience with instruments promoting RUE and RES.

The Partners are:

**Berlin** | GERMANY · *Beratungs-und Service-Gesellschaft Umwelt mbH Berlin - B.&S.U.*

**Paris** | FRANCE · *Agence Régionale de l'Environnement et de l'Énergie d'Ile de France - ARENE*

**Naples** | ITALY · *Agenzia Napoletana Energia e Ambiente - ANEA*

**Rotterdam** | NETHERLANDS · *City of Rotterdam - Rotterdam City Development Corporation*

**Sofia** | BULGARIA · *Sofia Energy Agency - SOFENA*

**Tallinn** | ESTONIA · *Tallinn City Government*

**Zürich** | SWITZERLAND · *Associated partner - Departement der Industriellen Betriebe, Zürich*



## Why are we focussing on Metropolitan Regions?

*Because we believe that, compared to small and medium-sized cities, metropolitan regions (500,000+ inhabitants) have special problems but also unique opportunities to address environmental challenges e.g. in terms of human and financial resources, administrative clout etc. This is especially true for policies to promote RUE and RES.*

*For further information on the project please contact:*

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## The products

A **Best-Practice Catalogue for RUE/RES instruments** in cities will be drawn up during the project. Each participating metropolitan region may introduce its own proven best-practice instruments and strategies, and compare these to other approaches in the field. Furthermore, instruments used worldwide will also be monitored and evaluated in the Best-Practice Catalogue.

This Best-Practice Catalogue will help other interested city administrations, energy agencies and other actors to pinpoint the most suitable instrument available at this time to mitigate climate change, by addressing the specific problems and realising the particular potentials inherent in metropolitan regions. The Best-Practice Catalogue will be user-friendly: it will provide sufficient information per instrument to evaluate effectiveness, but also explain how to implement the instruments on an everyday basis.

### Blueprint for an **Energy Master Plan**

Starting from Zurich's "Masterplan Energie" we shall pool our experiences, which stem from local circumstances and needs, to prepare a detailed blueprint for an Energy Master Plan. This plan should act as a basic policy-making document for metropolitan regions and set out overall policy goals in the area of energy, and should also enable these metropolitan administrations to prepare detailed strategic measures and aims. It will spell out, for each instrument identified, the concrete methods and benchmarks adopted to achieve results, and the methods for monitoring and evaluating them, just as Zurich's Master Plan does.

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## The procedures

The partner cities will monitor and evaluate existing RUE and RES instruments in metropolitan regions in Europe - and worldwide - with reference to previously defined energy, environment, economic and social impacts.

The results of the monitoring and evaluation process will be presented in the Best-practice catalogue. The analysis will be structured according to the main themes of the City Instruments forum:

- Energy renovation of existing buildings (e.g. Energy Pass)
- Municipal energy management, decentralised energy supply, integration of renewable energies
- Sustainable transport and mobility
- Information, communication and co-operation
- Methods for calculation, indicators, monitoring
- Financing instruments including joint implementation and emission trading
- Administrative organisation: internal structures and processes.

A **Series of Workshops** will be held during the project. These will focus on the in-depth exchange of experience and constructive discussion among the metropolitan partner regions concerning the instruments available to promote RUE and RES. The themes dealt with will be those defined for the Best-Practice Catalogue.

On the basis of the workshop series and the Best-Practice Catalogue each partner city will be invited to choose one or more RUE/RES instruments for implementation.

Moreover, the exchange of experience developed within City Instruments will be continued in the long term, and a forum for best-practice RUE and RES instruments in metropolitan regions will be institutionalised within one of the existing networks.

