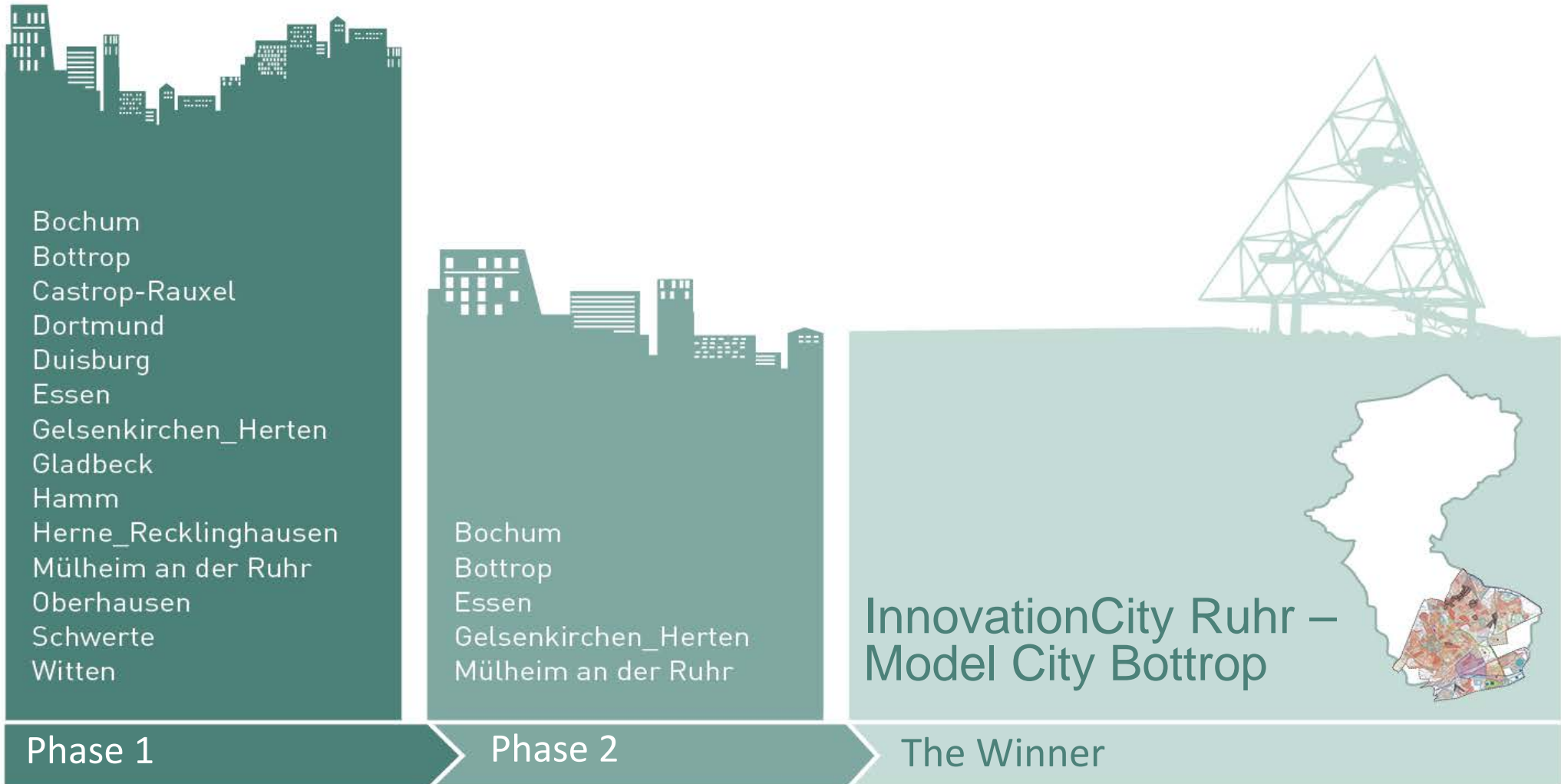


Cities as places for transition and hot spots of future sustainable developments

InnovationCity Ruhr as an example for a transformative approach

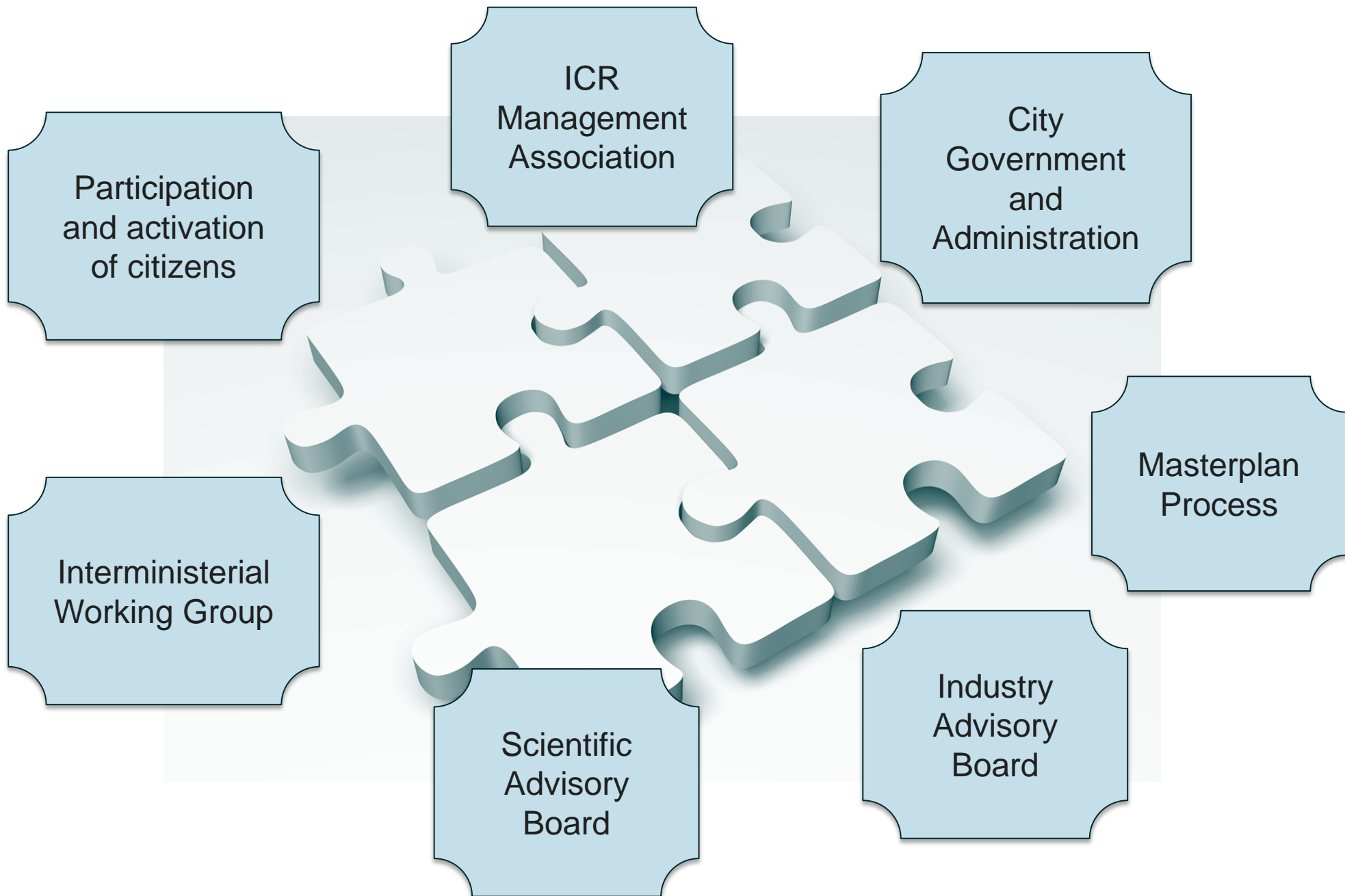
Dr. Johannes Venjakob, Wuppertal Institute

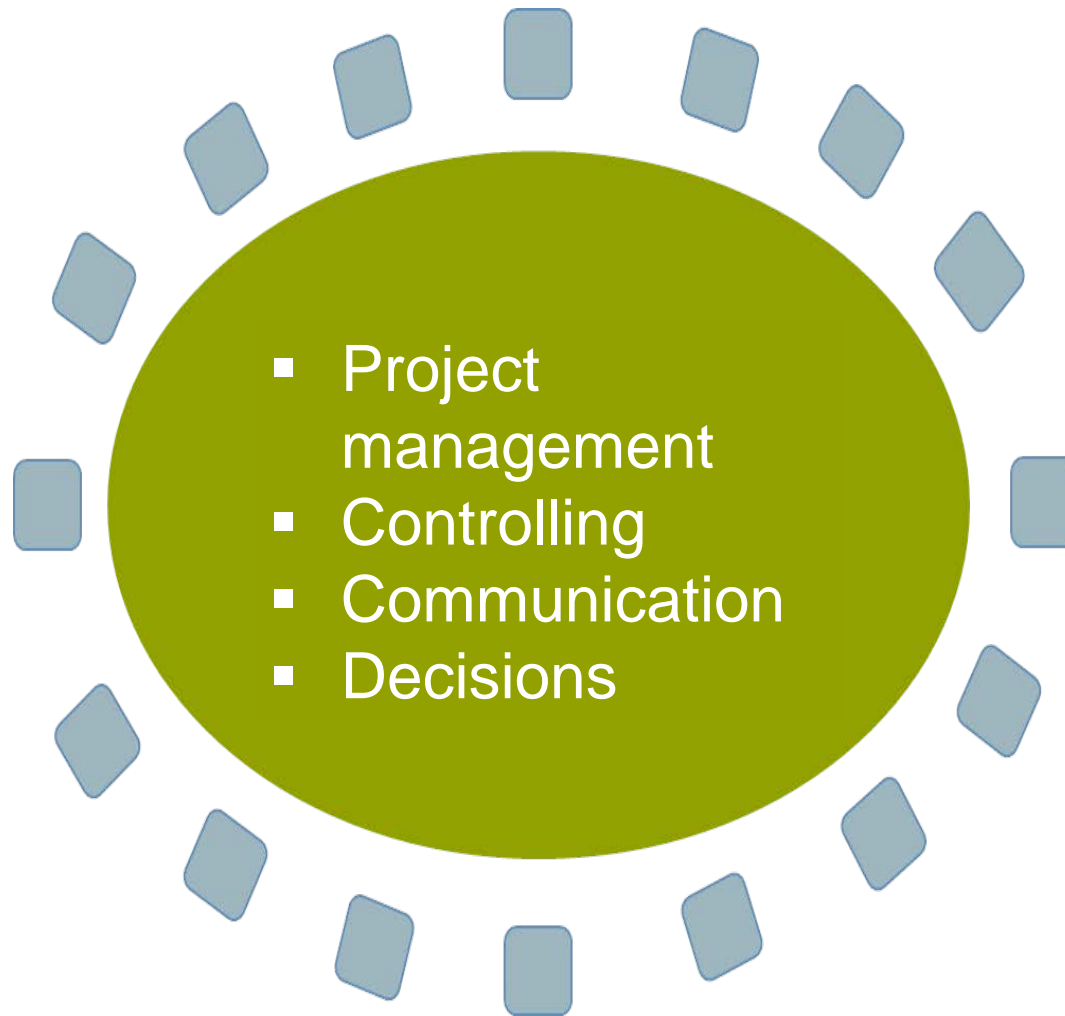
The “Initiativkreis Ruhr” initiated a competition to identify a city which could function as a model city to elaborate strategies for climate neutral urban development



Target: 50 % CO₂ – reduction until 2020

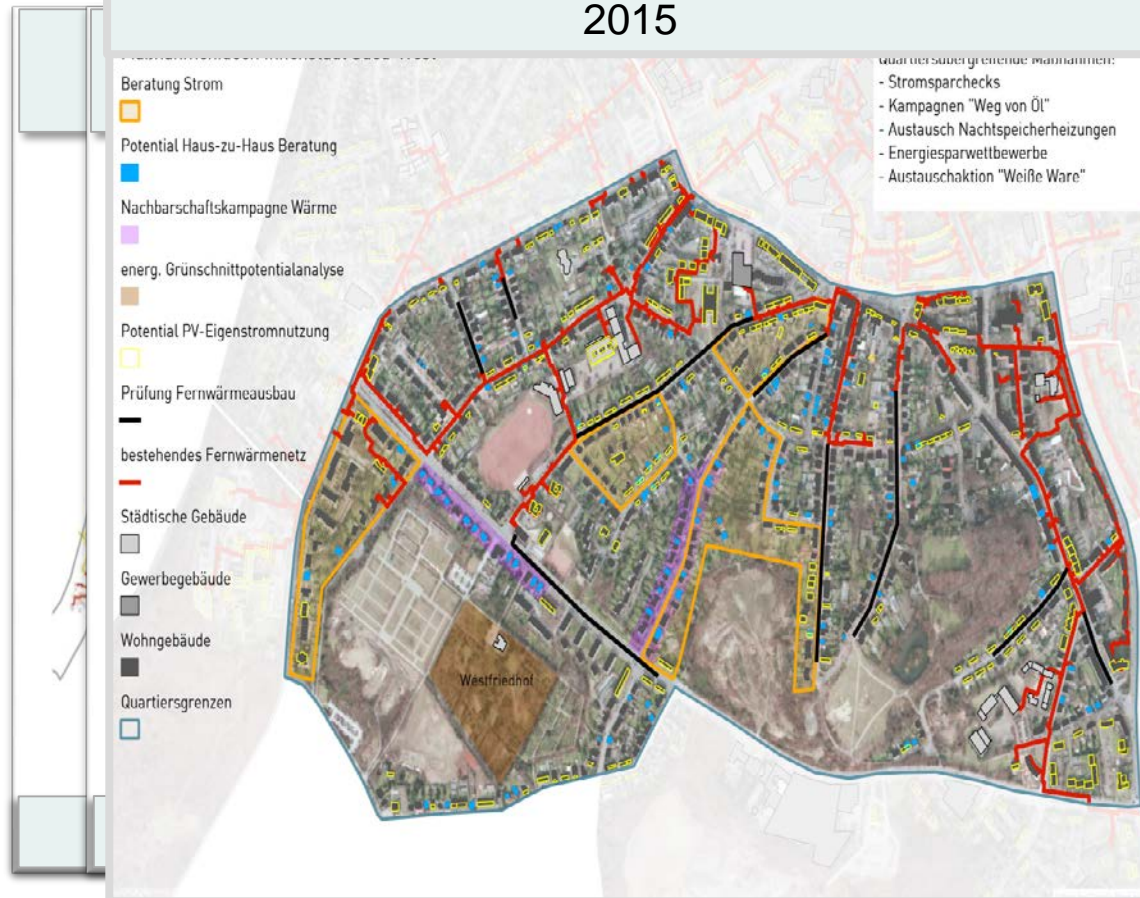
Institutional elements of the InnovationCity-project



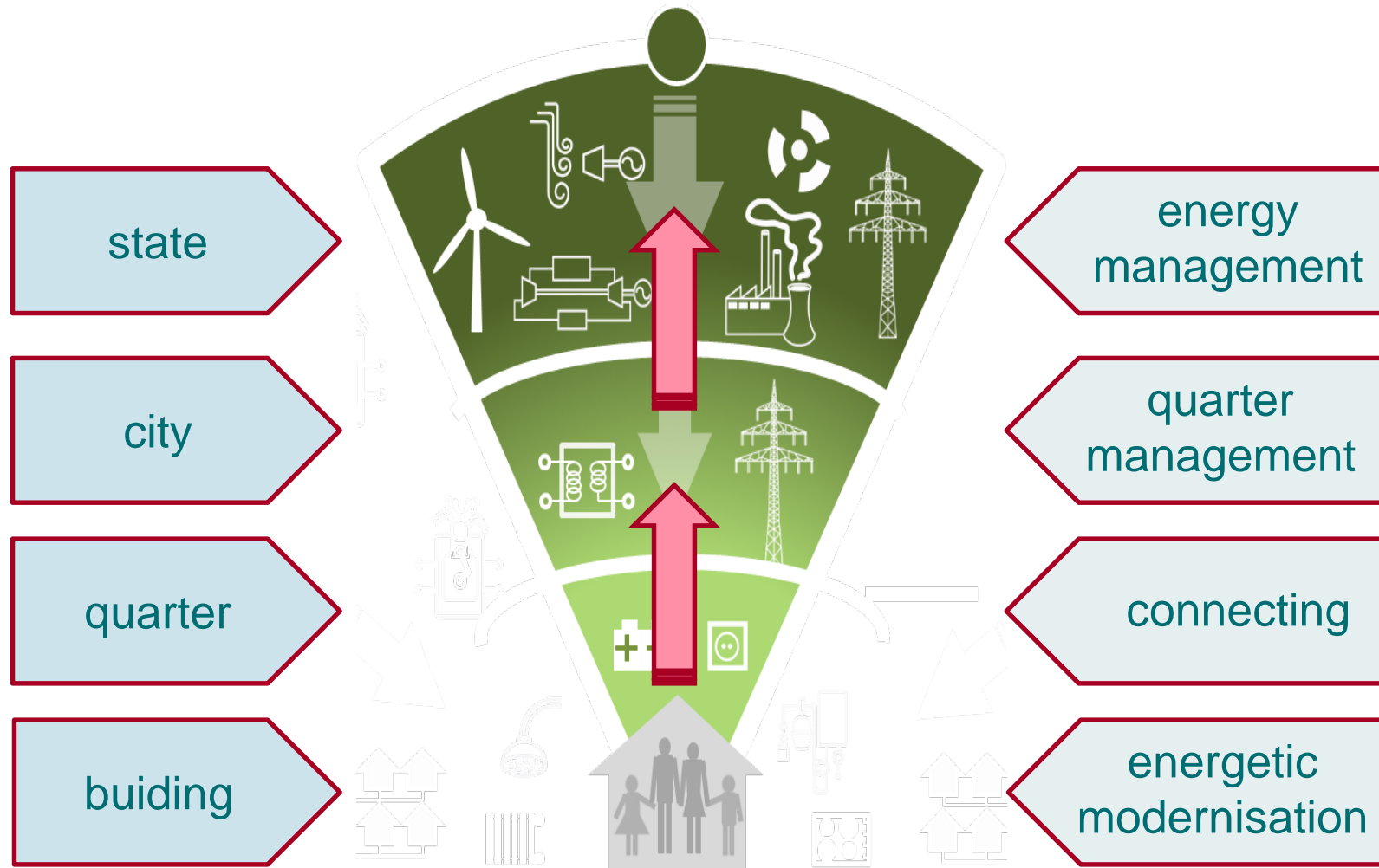


- Panel without hierarchy
- Municipality
- Project managers
- Economy
- Science
- Relevant stakeholders
- Project specific extensions

IMPLEMENTATION: Quarter management summer 2015



Transformation of the energy system as a bottom up strategy





LIVING

Modern and climate-friendly neighborhood development



WORKING

Energy conversion of businesses



Energy

Intelligent power supply and systems



Mobility

Modern infrastructure and Elektromobility



CITY

Sustainable City- and Location development

ALREADY
MORE THAN **300**
PROJECTS ARE REALIZED
IN THE CONTEXT OF
INNOVATION CITY RUHR

The Innovation City Management GmbH developed and accompanied with its partners a number of projects in the areas of living, working, energy, mobility, and urban development

4 InnovationCity Zukunftshäuser+: detached house · apartment house · business premise · social house · energy counseling

Hochschule Ruhr West · InnovationCity Future Company „Technoboxx“ · Energy Concept Commercial Area „Knippenburg“

100 - CHP-model experiment · 100 Heat pumps package·

Pumped storage Power plant · Integrated network infrastructure

E-Mobility · E-vehicles · rental system ·

Car-Sharing · quick charger

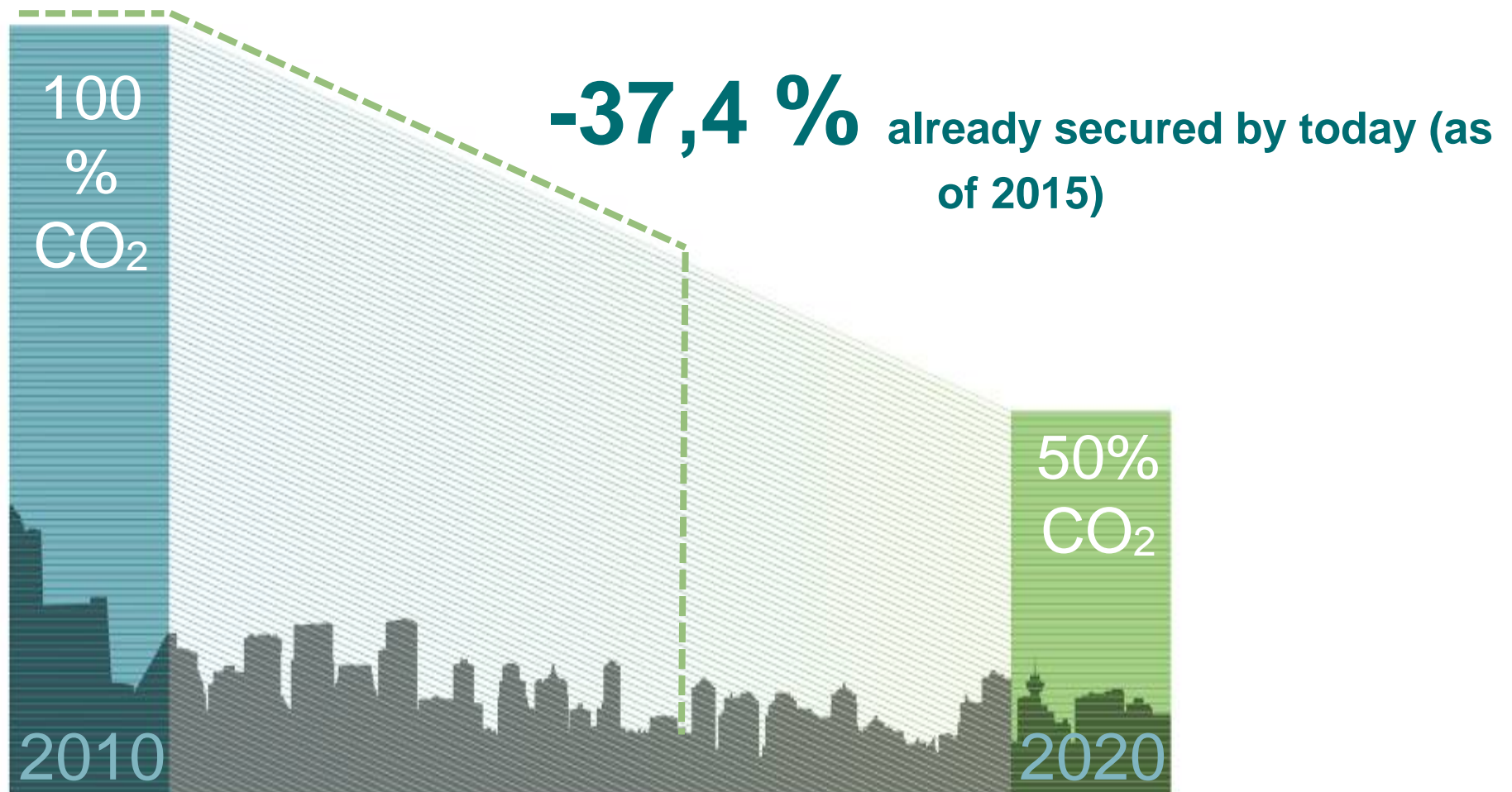
Masterplan InnovationCity Ruhr ·

Photokatalysis in the pavement · LED-street lighting

· Rainwater Management· Management of city quarters

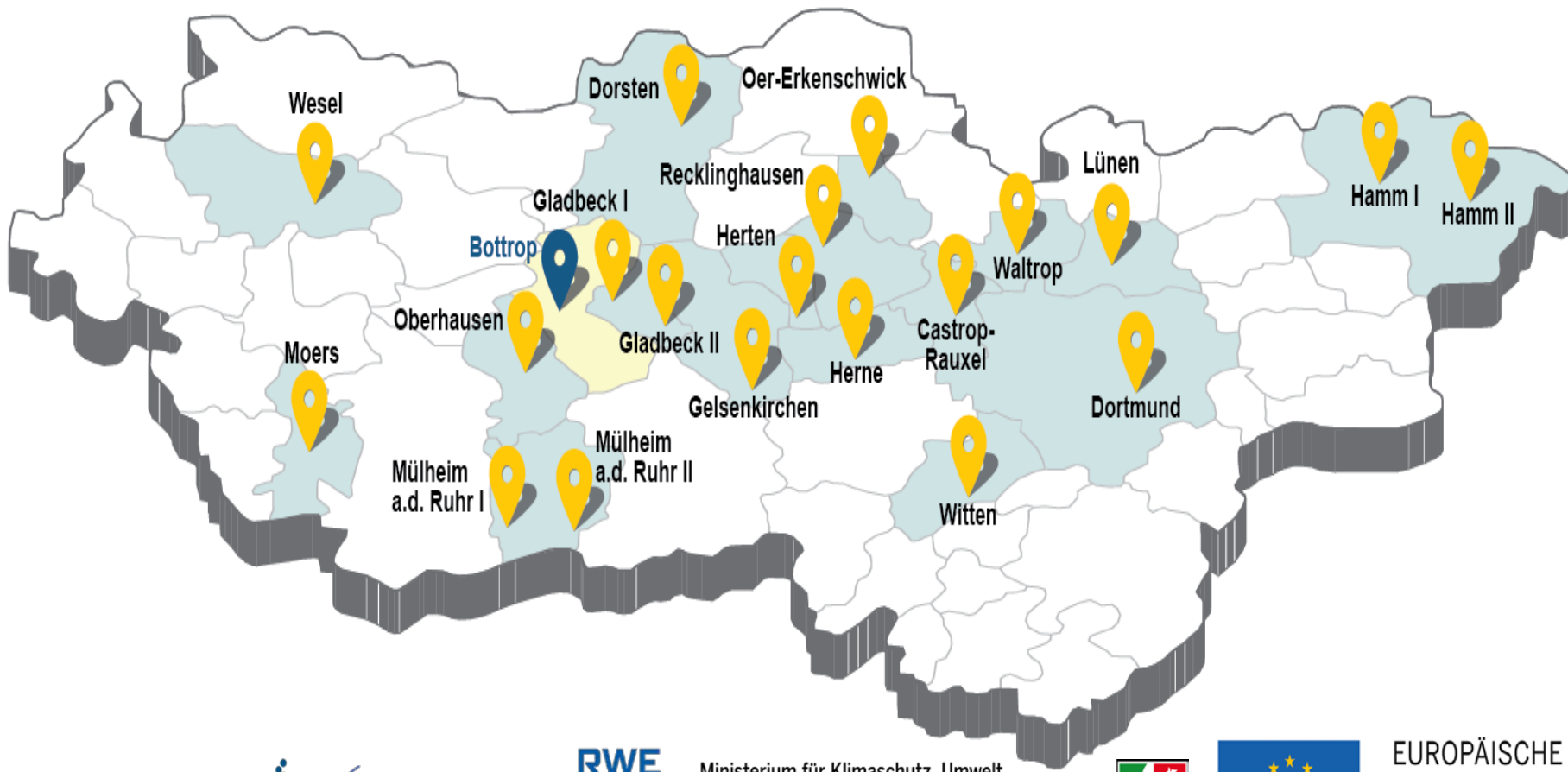


InnovationCity Ruhr | Model City Bottrop: Climate protection, Quality of life, city quarters, industrial location

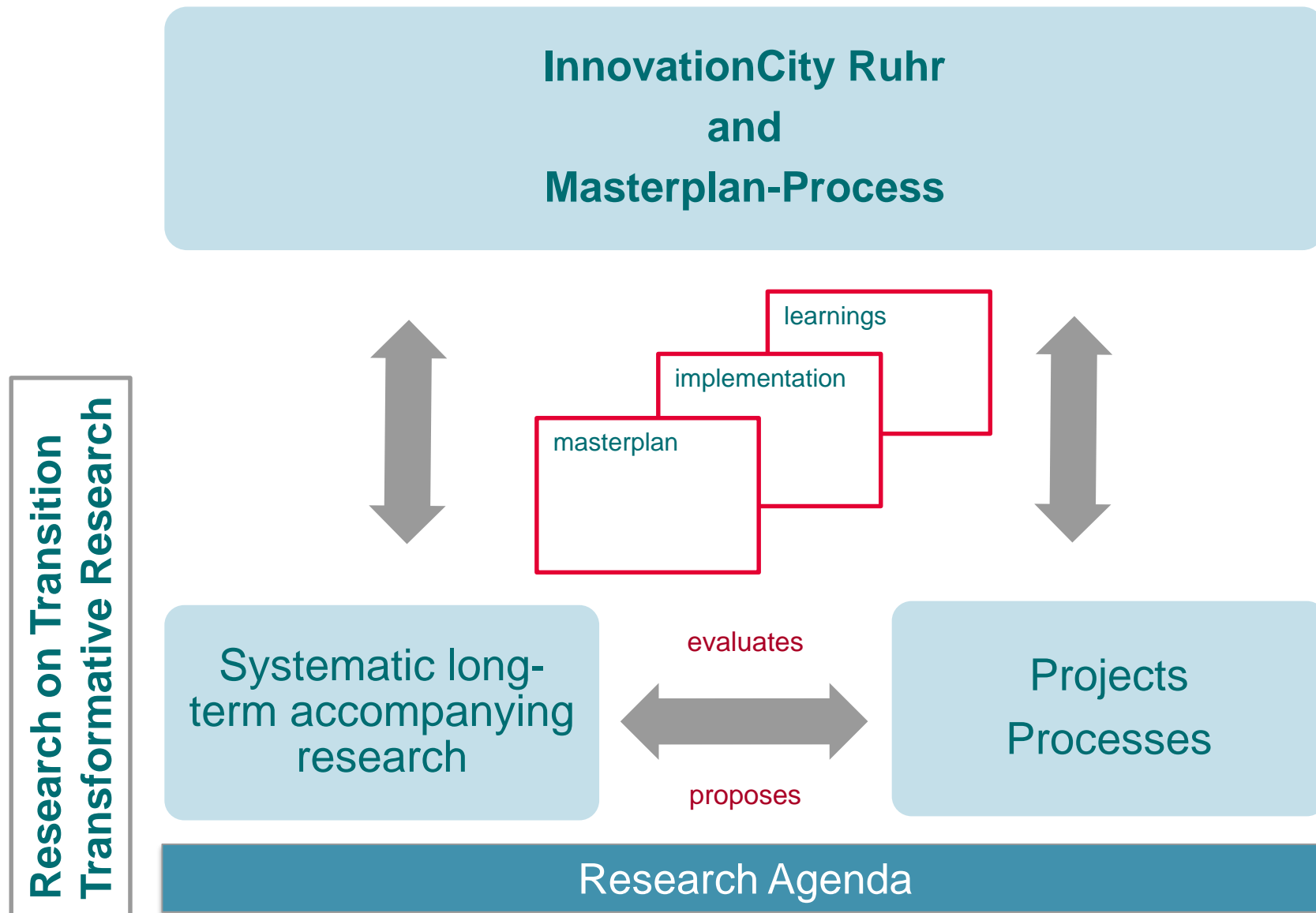


The quarters

- A jury of experts has selected 20 quarters in 17 cities in the Ruhr area.
- The quarters are good examples for the urbanistic, function-related and socio-demographic character of the Ruhr area.



InnovationCity Ruhr – Accompanying research



Dr. Johannes Venjakob | johannes.venjakob@wupperinst.org

Thank you!

For further information please visit the websites:

www.icruhr.de

www.icrollout.de