

Session 2.1: Urbanization and climate actions in cities

Urban Transitions – Efficiency, sufficiency and well-being



Presentation

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Overview

- Conceptual background: target, system and transformation knowledge
- From efficiency to sufficiency and well-being in cities
- Trends at WI: real-world experimentation, narratives, learning networks
- Two examples
 - Innovation City Ruhr
 - Well-being Wuppertal

Major cornerstones for a 100% renewable energy city

Target, system and transformation knowledge

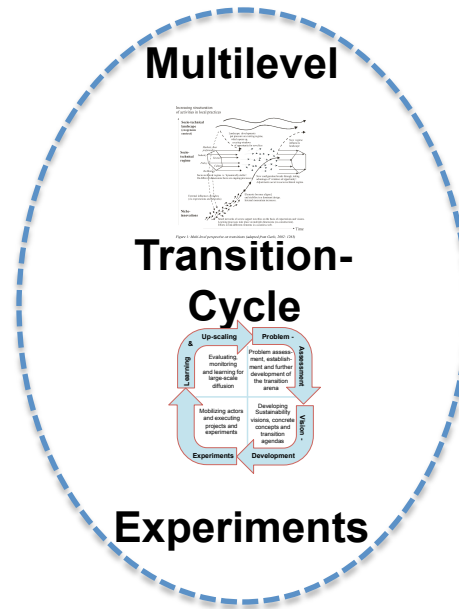
Understanding the System



System Knowledge

(Understanding socio-technical systems in their natural environment)

Enabling Transitions



Transformation Knowledge

(Enabling complex societal transitions)

Transitions to what? Defining Targets

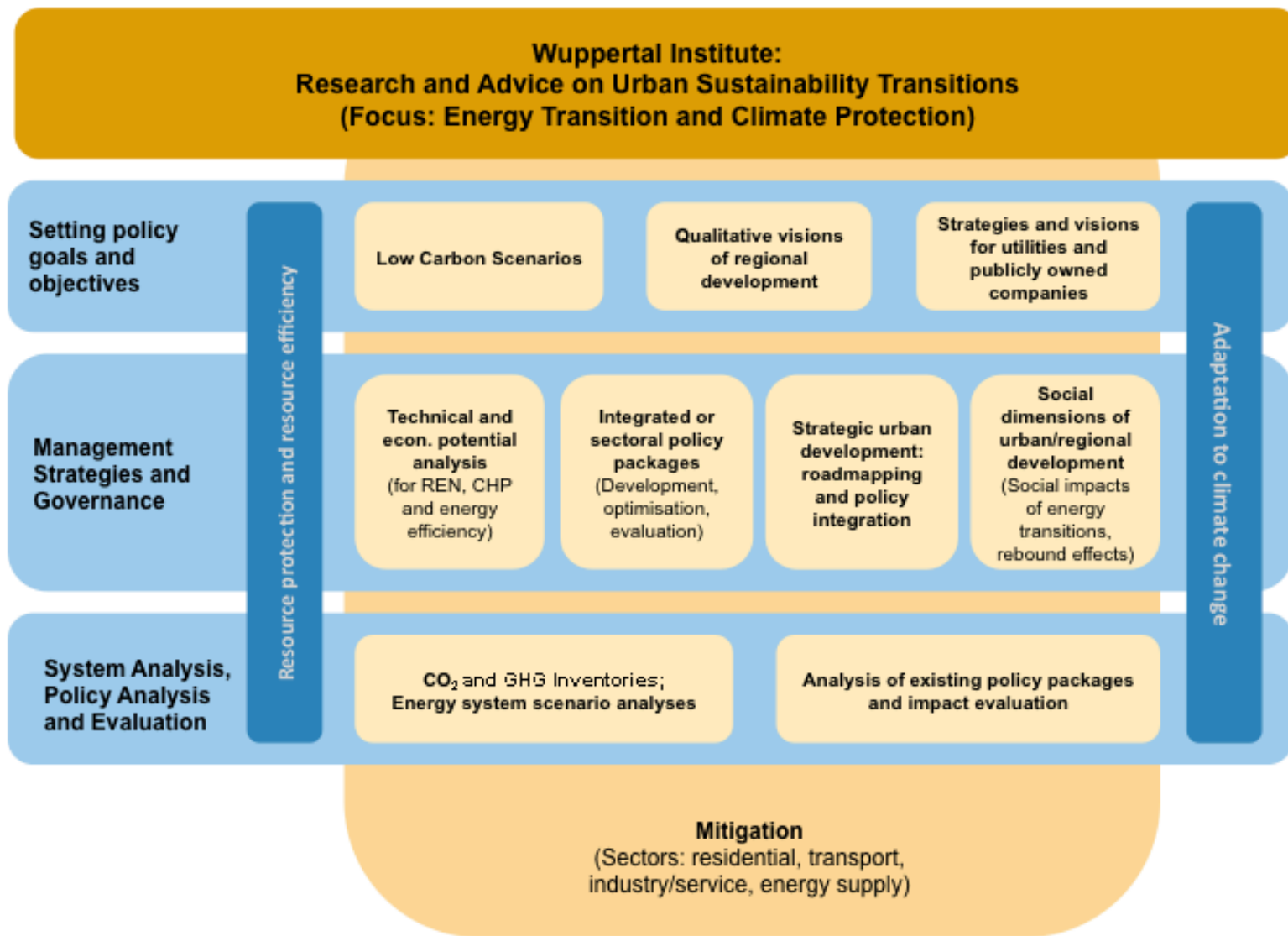


Target Knowledge

(Defining socio-ecological targets for a sustainable world: identification of trade offs and synergies)

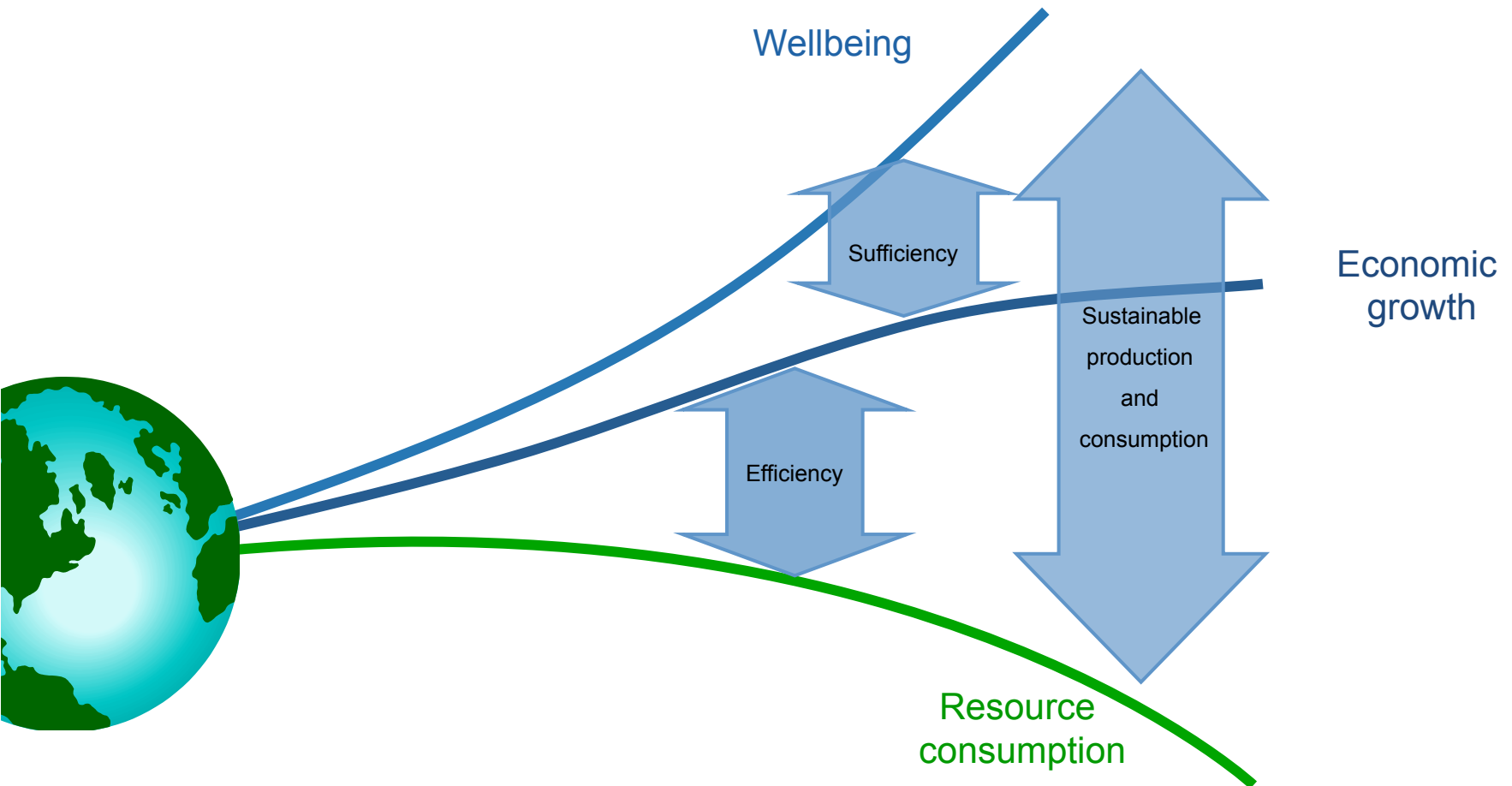
Mapping of activities

Research and Consultancy on Urban Transitions



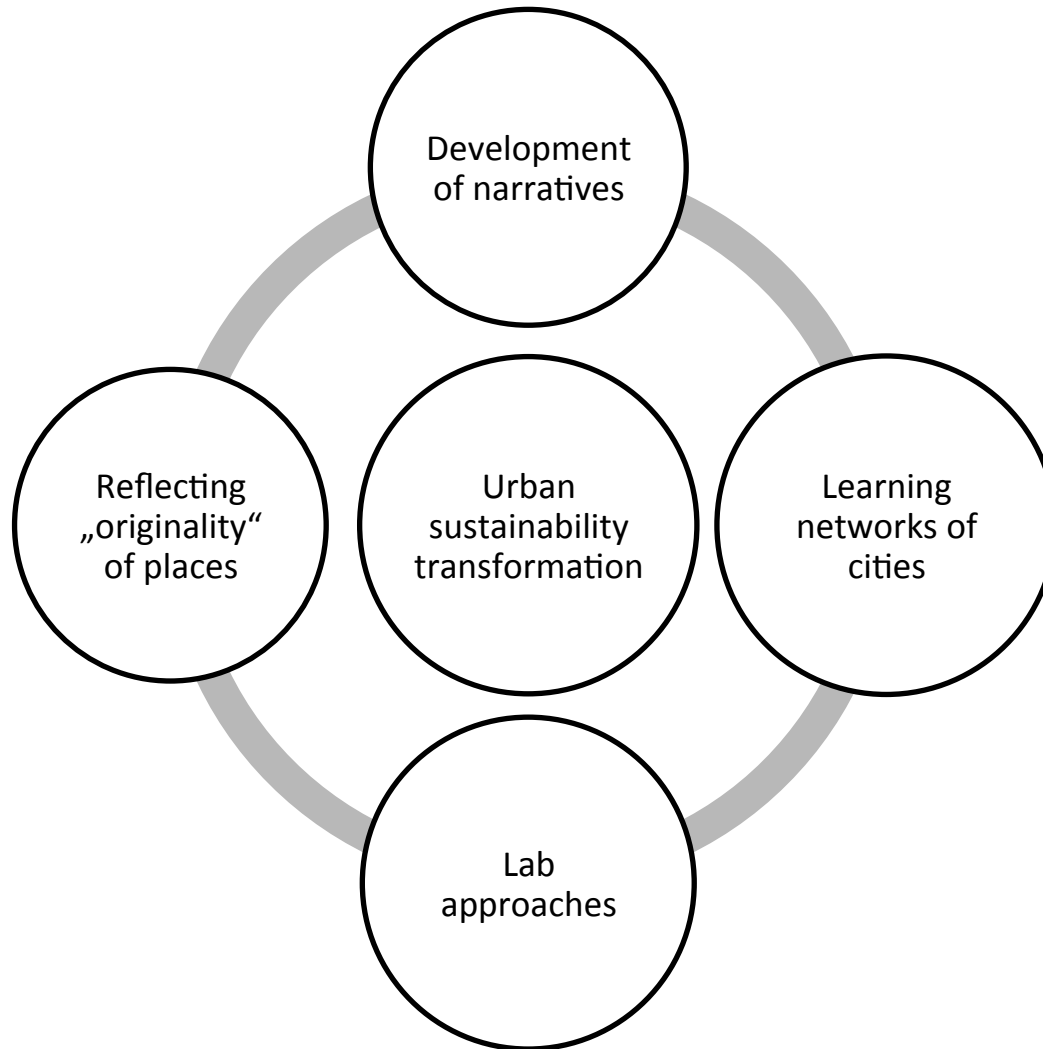
Decoupling of resource consumption and wellbeing

Principle of „double decoupling“



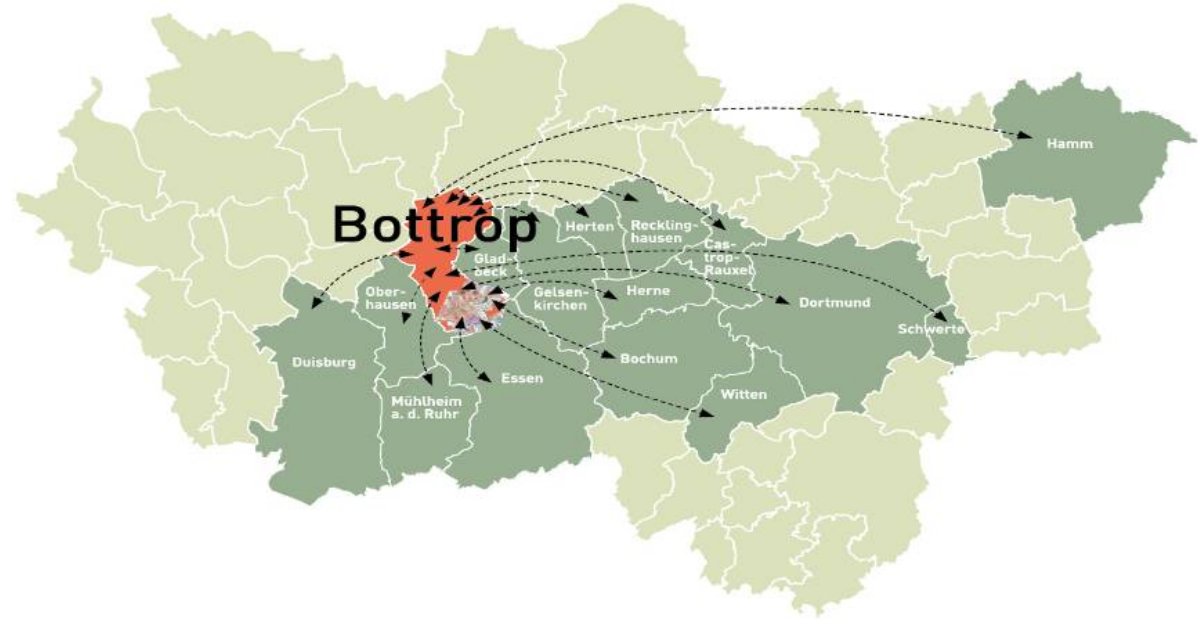
Urban transformation

Current trends at Wuppertal Institute



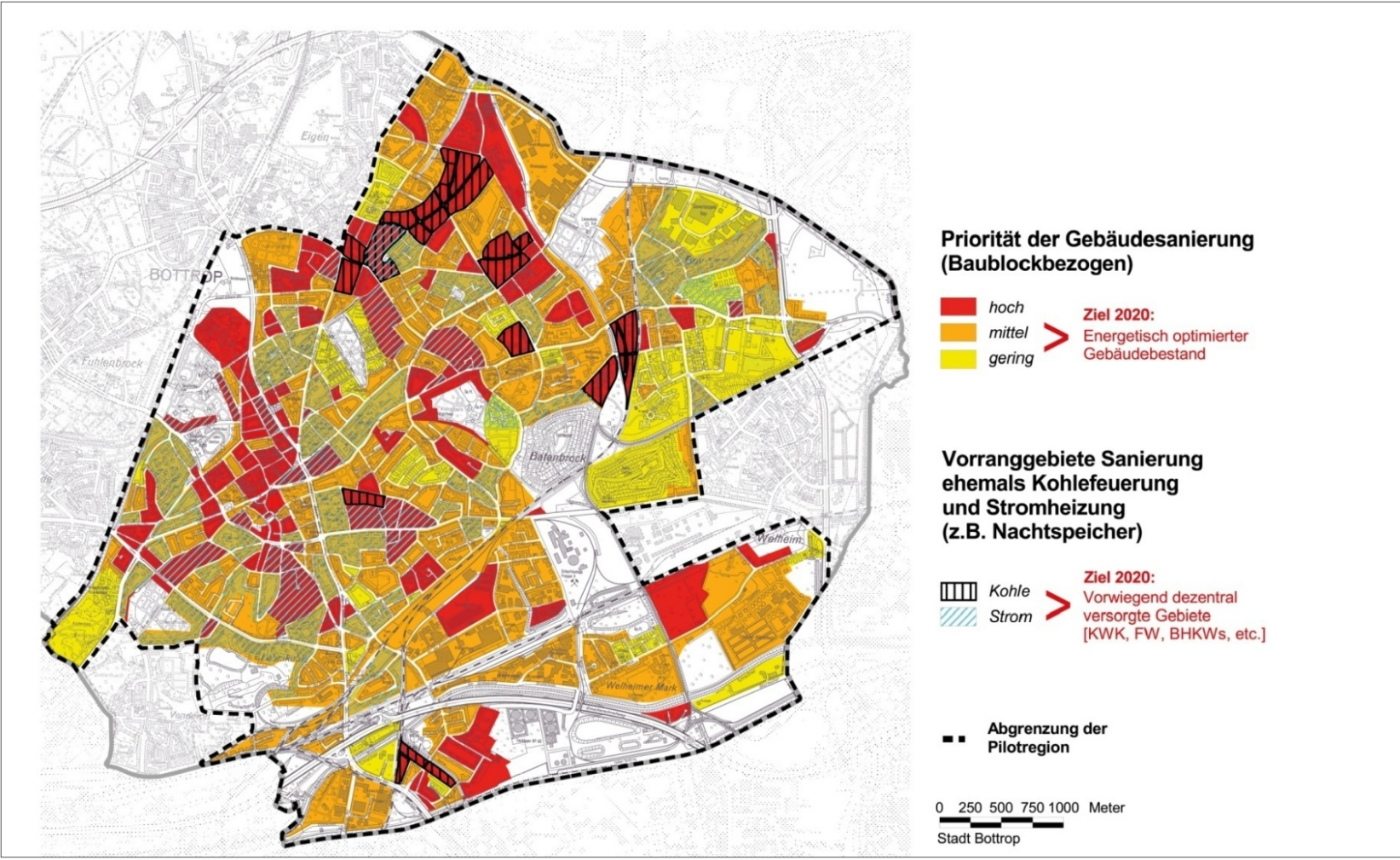
Low carbon visioning and action

Innovation City Ruhr (Bottrop)



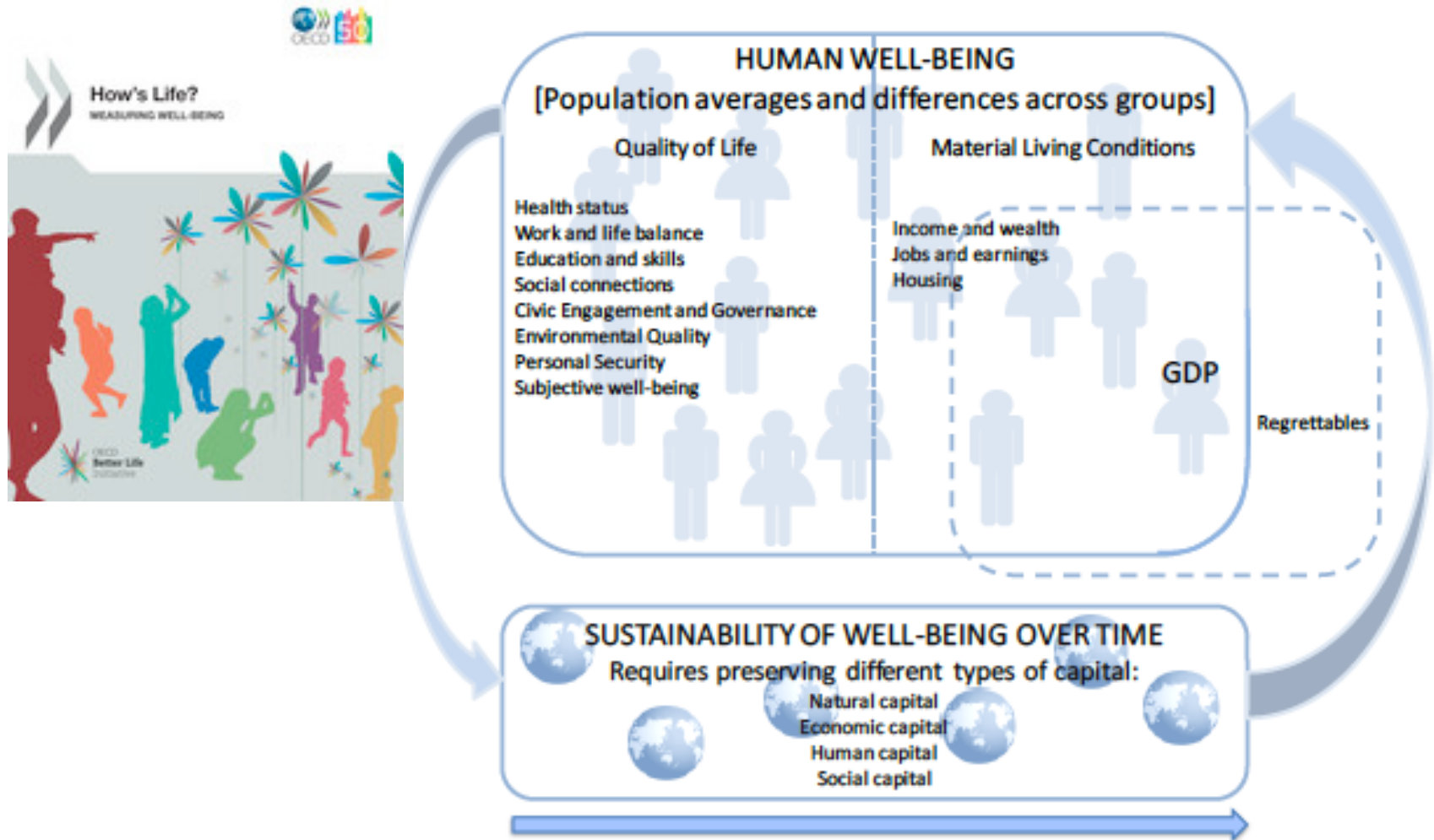
The Pilot Area of the Innovation City Ruhr

Southern Bottrop: 70.000 inhabitants



Project: Well-being in Wuppertal

OECD – Better Life Initiative: „Better Policies for better Lives“



Well-being Wuppertal

Real-world Laboratories with change agents

- Mapping of change agents for urban well-being
- Installation of 3 year collaborative „labs“
- Linkage between labs, city, civil society and companies



Thank you for your attention!

