

**We
DO**
Climate Protection
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InnovationCity – Energy Turnaround *Bottom Up*



InnovationCity
Management

*Sustainable,
Holistic
Modernisation
of City Districts*

Target

Retrofitting the Building Stock

37% of all CO₂ Emissions are caused by Buildings

Retrofitting the
Building Stock:

Building



District



City

Existing Buildings

3.400 Mio. m²

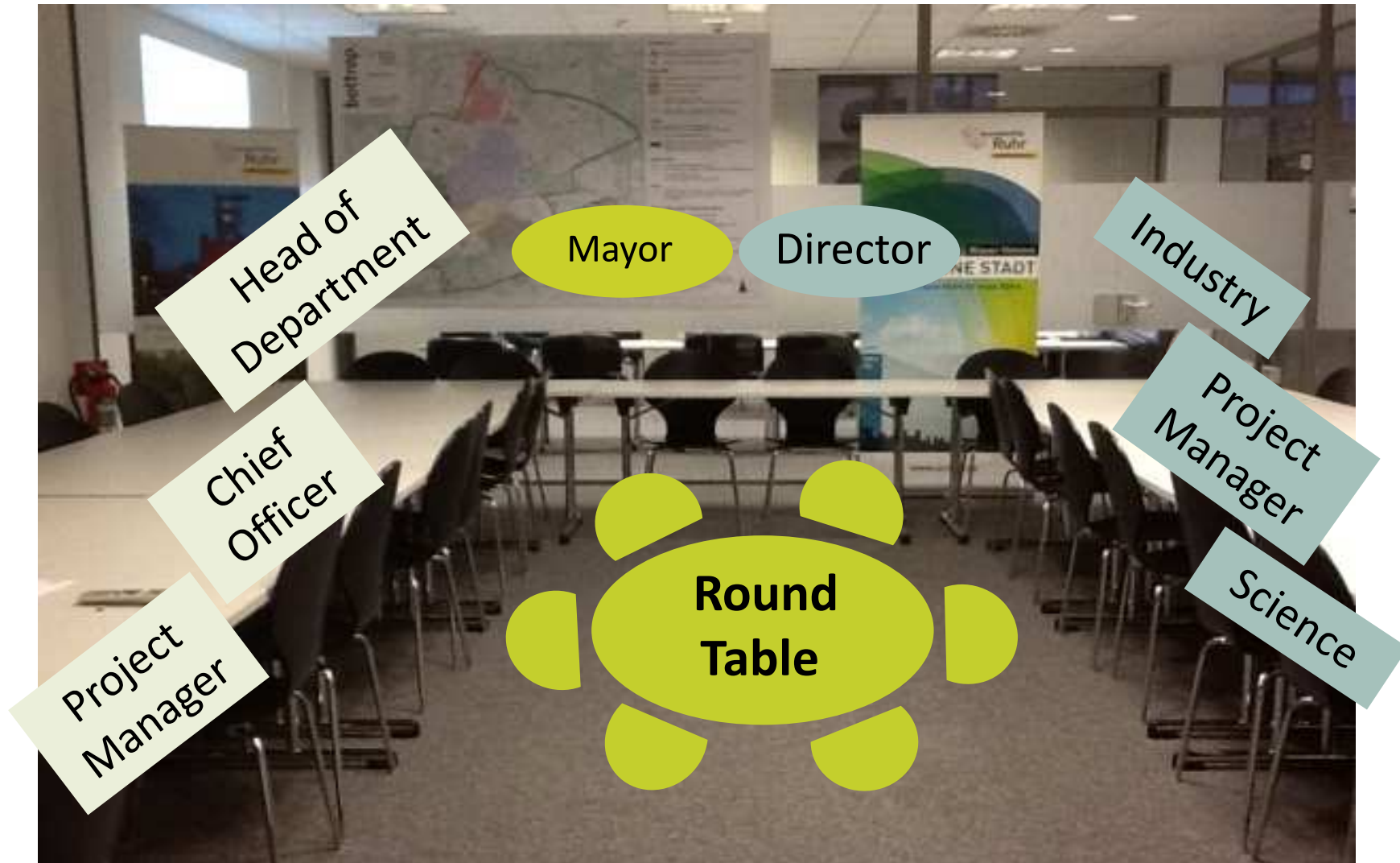
New Buildings

20 Mio. m²

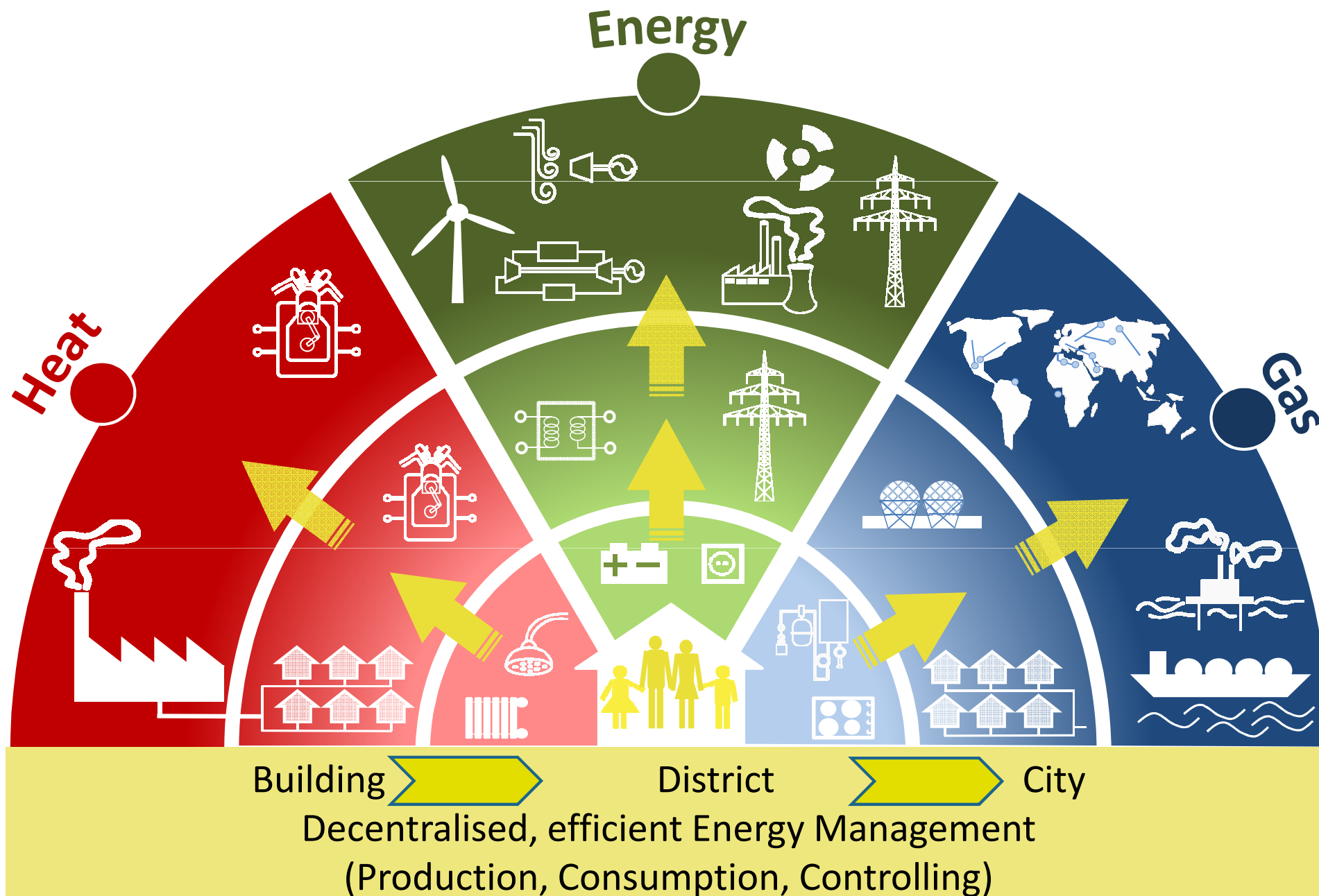
Target Bottrop: Reduction of CO₂-Emissions by 50 %

Setting

Project Management



Close involvement of political stakeholders



More than 200 projects initiated

(Fields of Action: Living, Working, Energy, Mobility, Urban Development)

Master plan for a climate-optimised urban redevelopment completed

Establishment of resilient Networks
(Including all stakeholder groups)

8.995 House-by-House-Consultations =
89% of all Property Owners

1.500 Individual Energy Consultations =
15% of all Property Owners

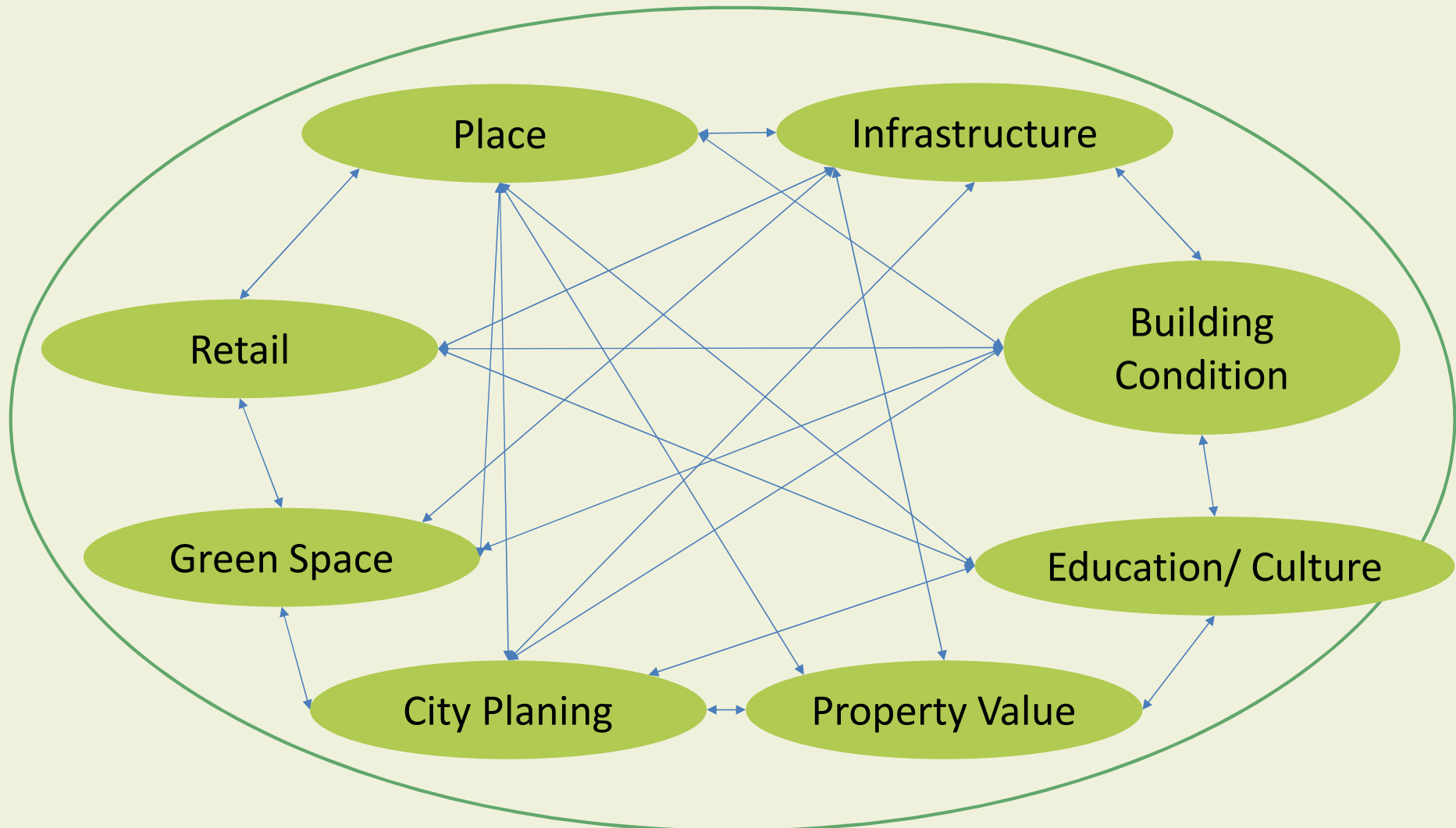
978 Buildings retrofitted =
7,82 % of all Residential Buildings



Lessons

Measures in District Management

- Interdependencies determine the sustainability of City Districts



Key Elements ,*InnovationCity*'

Instruments:

- Project Management
,from one source'
- Networks:
 - Citizens,
 - Politics,
 - Craftsmen,
 - Industry,
 - Commercial
 - etc.
- Holistic Planning:
 - Master Plan,
 - Energy Plan,
 - Retrofitting Plan
 - etc.
- District Management

Core Tasks:

- Consumption of Energy and Ressources
- Life Cycle Costs and Performance
- Socio-Cultural Factors
- Creative Quality und Functionality
- Mobility
- Process Quality