

BMBF Verbundprojekt  
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# Urban-Rural Assembly (URA): Strategic Tools for Integrated Territorial Planning to Enhance Urban-Rural Integration and Circular Economies in the Taizhou-Huangyan region

城乡共构 (URA) : 在台州-黄岩地区探寻城乡融合与循环经济发展的国土空间战略规划工具

Prof. Anke Hagemann — TU Berlin, Co-Chair of International Urbanism and Design (Habitat Unit)  
SURE Statusseminar, May 4, 2022

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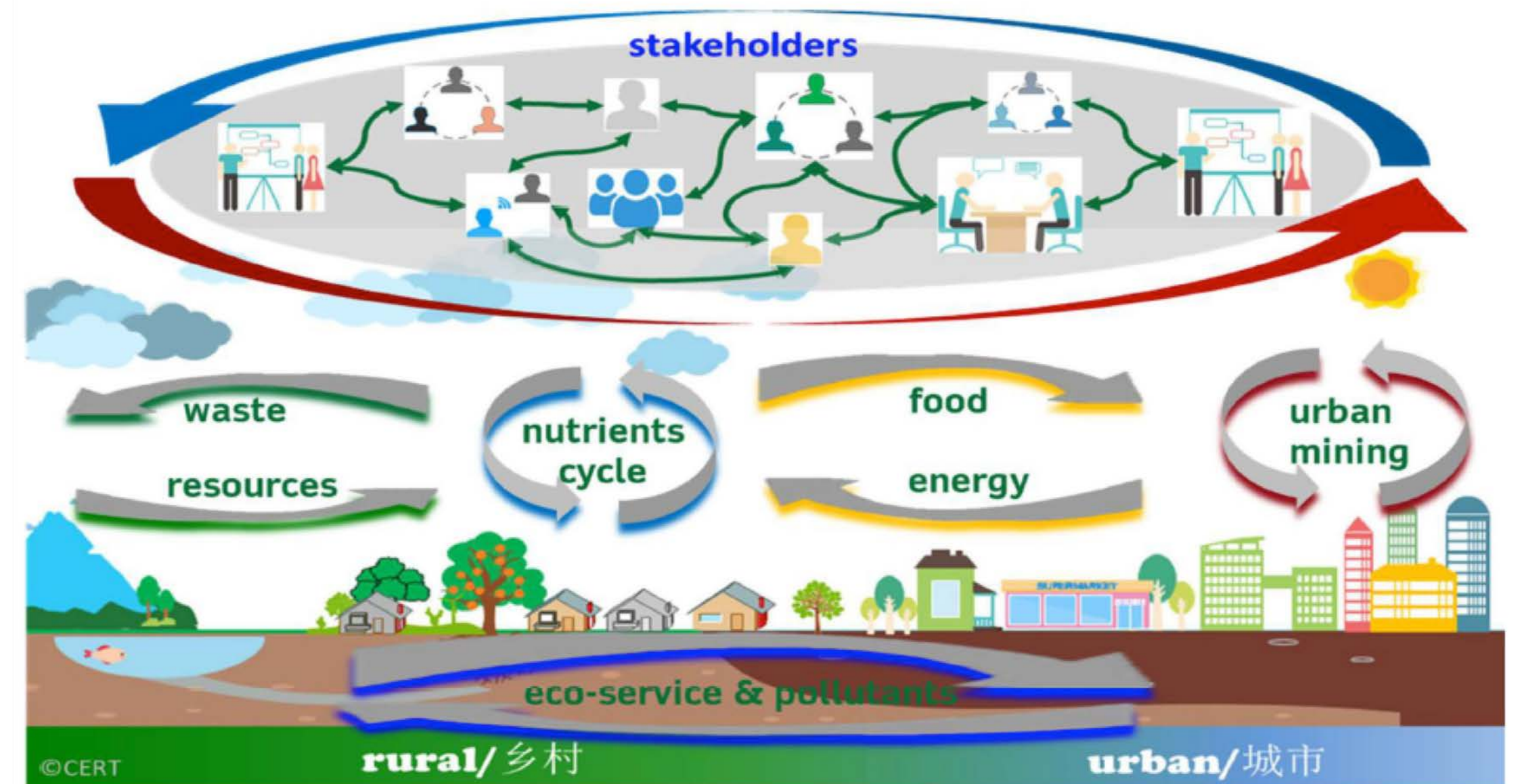
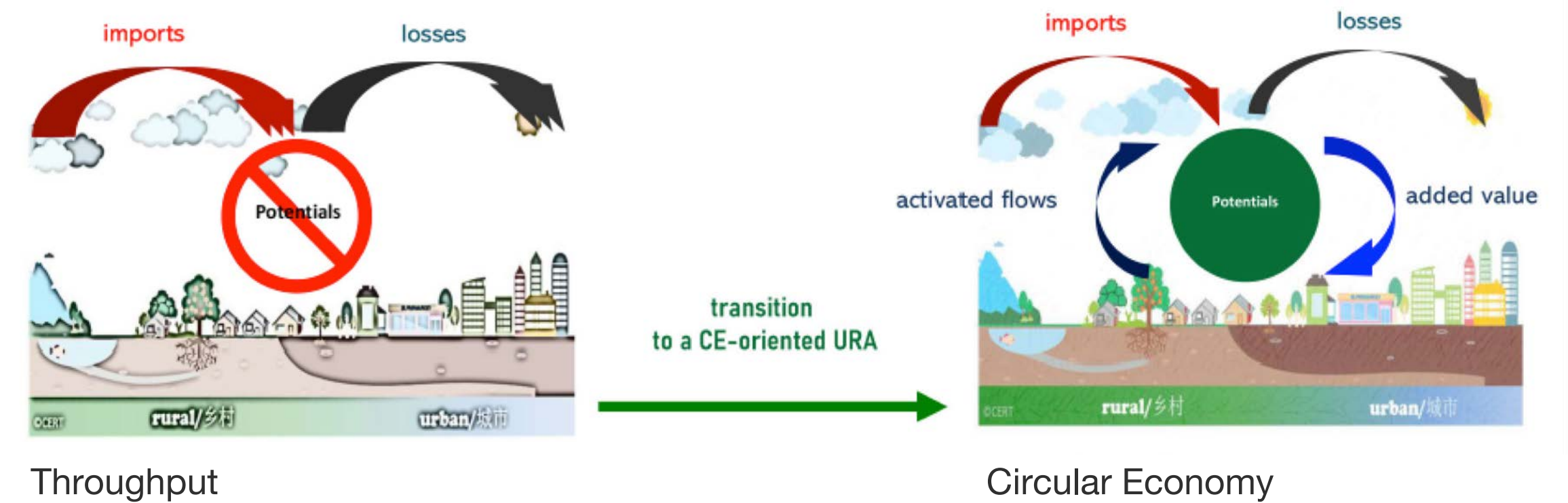


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## Urban-rural linkages and material cycles are key levers for the sustainable development of urban regions

- From urban-rural dualisms towards acknowledging the importance of urban-rural material cycles
- Sustainable urban development can only be achieved if the multiple dimensions and resource flows in which urban centres are embedded are recognised, better understood and effectively managed
- “Urban-rural linkages refer to complementary flows of people, natural resources, capital, goods, information, etc. between rural, peri-urban and urban areas.” (UN Habitat III, 2016)



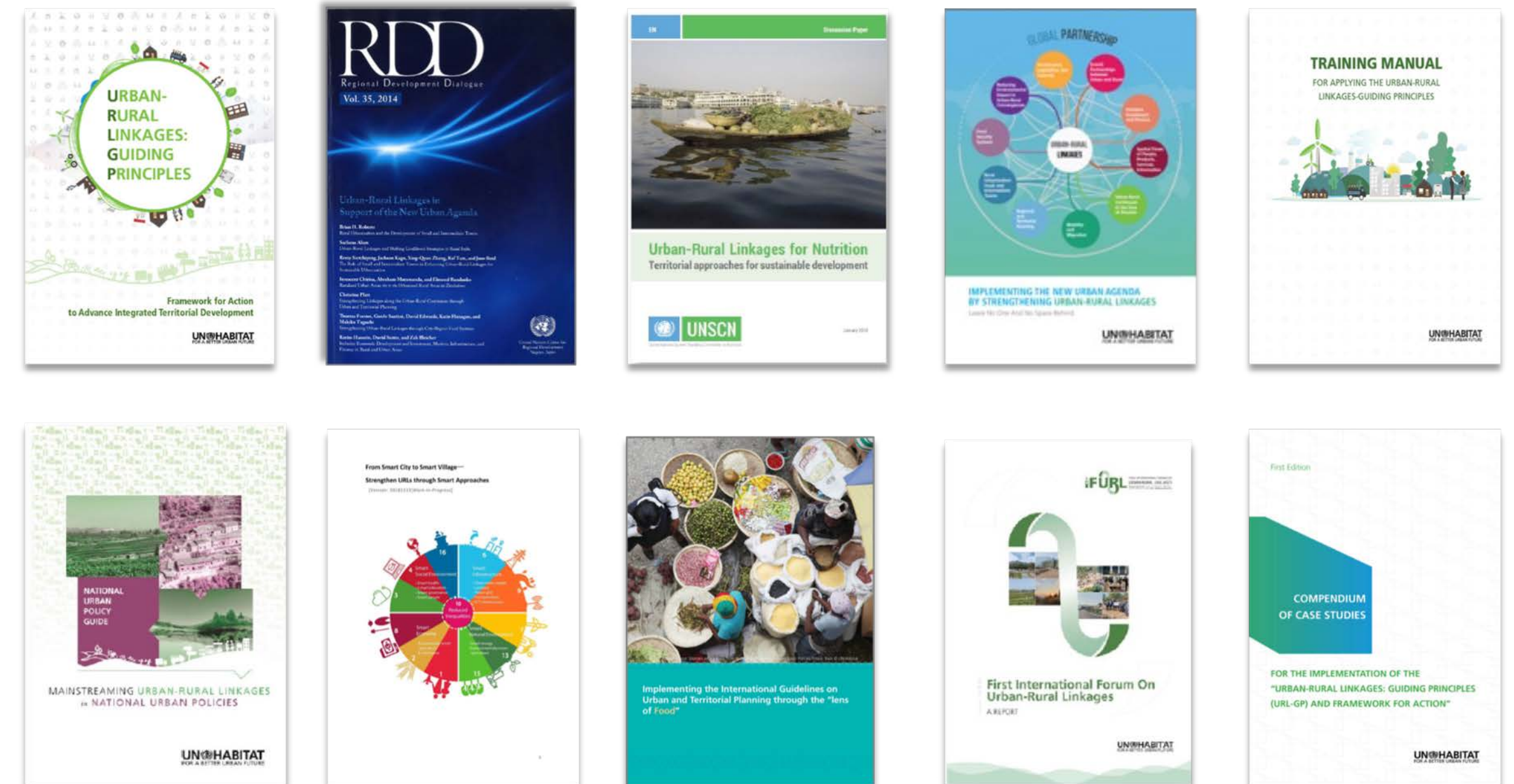
Reference: FAO, 2020; UN, 2020; State Council of China, 2020 Krause & Rotter, 2017;

# There is a need for integrated territorial development and strengthening urban-rural linkages

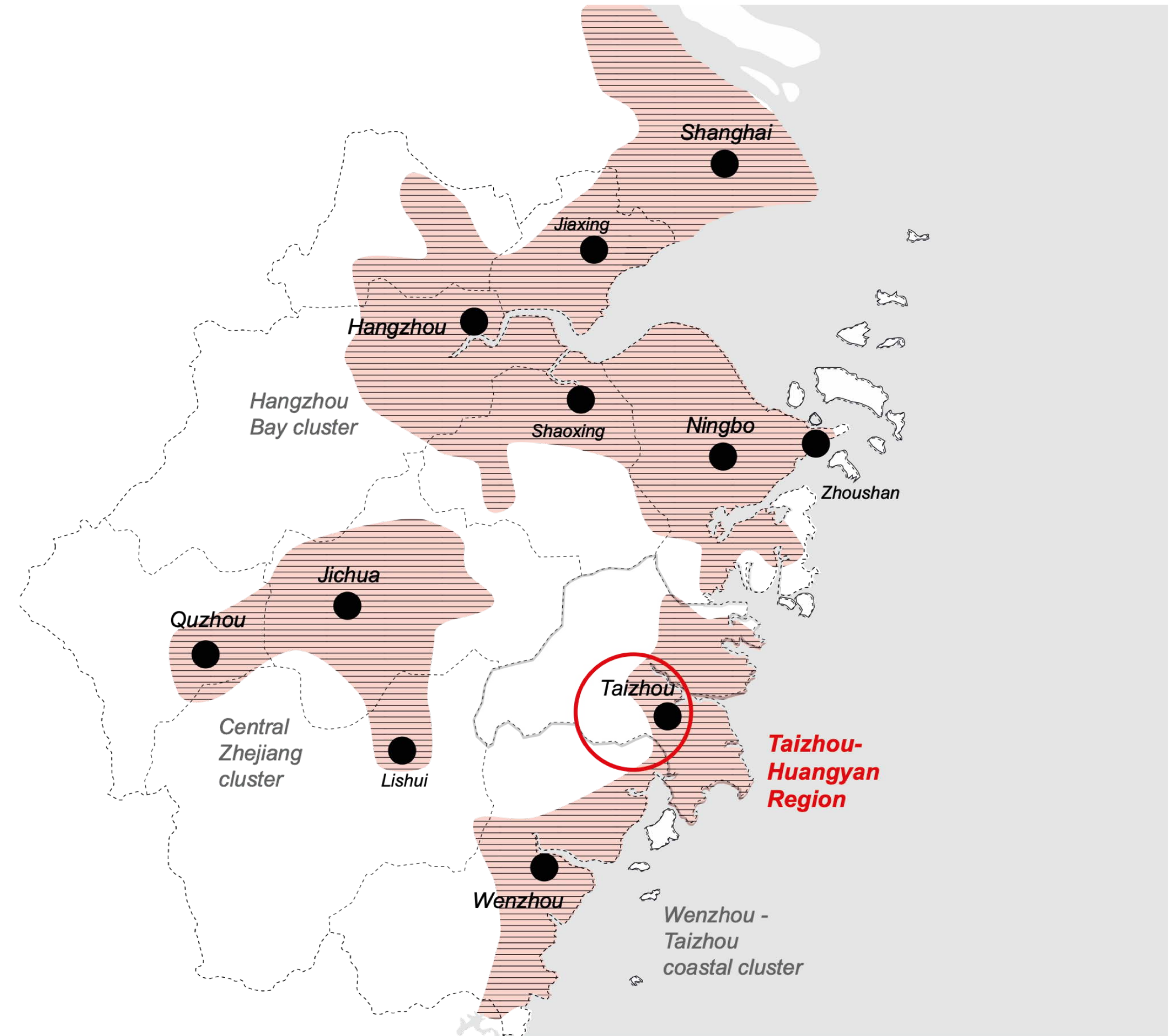
**SDG 11, Target 11.a** requests to “support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning.”



## Un-Habitat: Urban-Rural Linkages Guiding Principles 2017 - ongoing

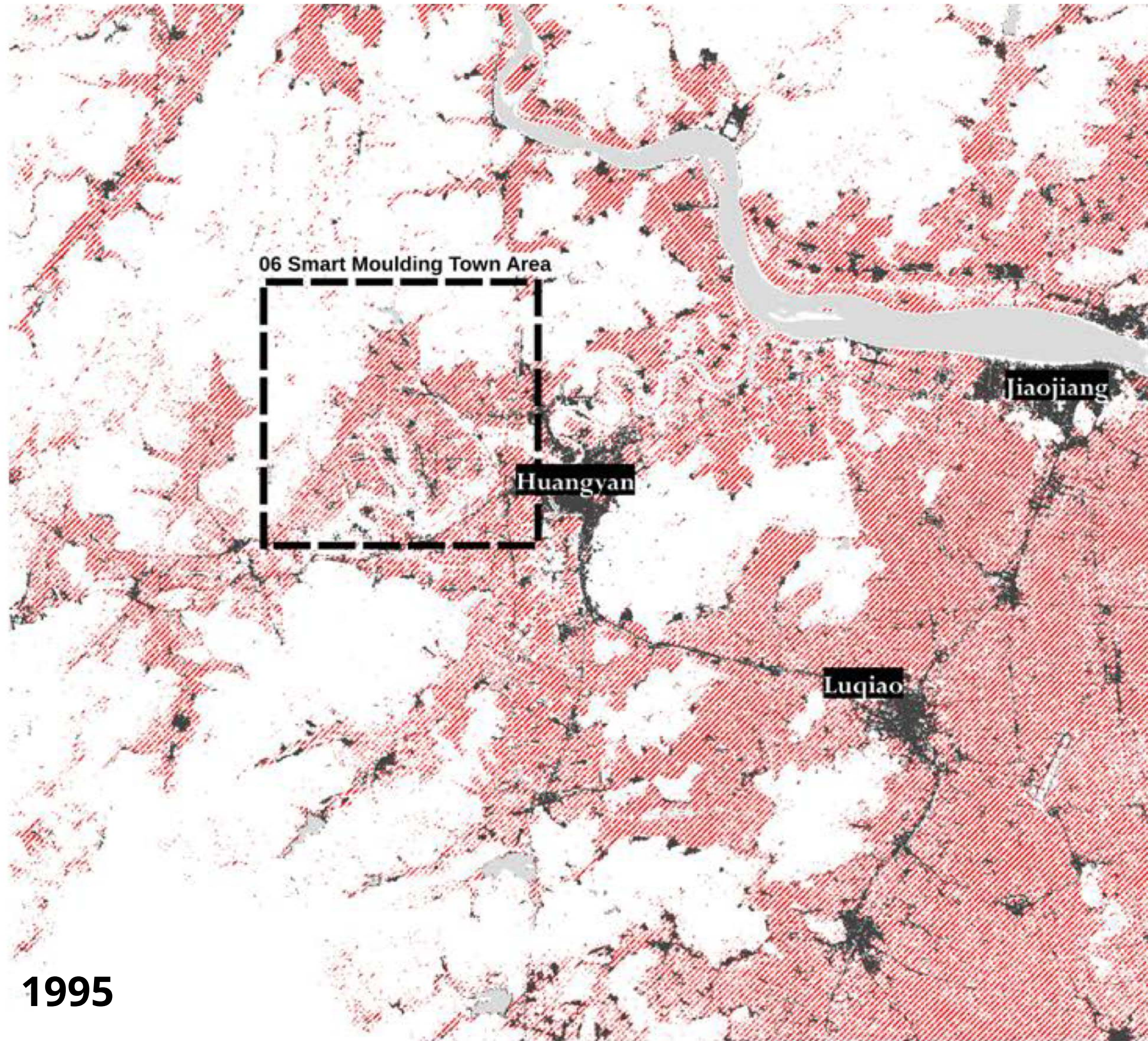


# Taizhou-Huangyan region (Zhejiang Province) and urban-rural interrelations across China's urbanisation corridors

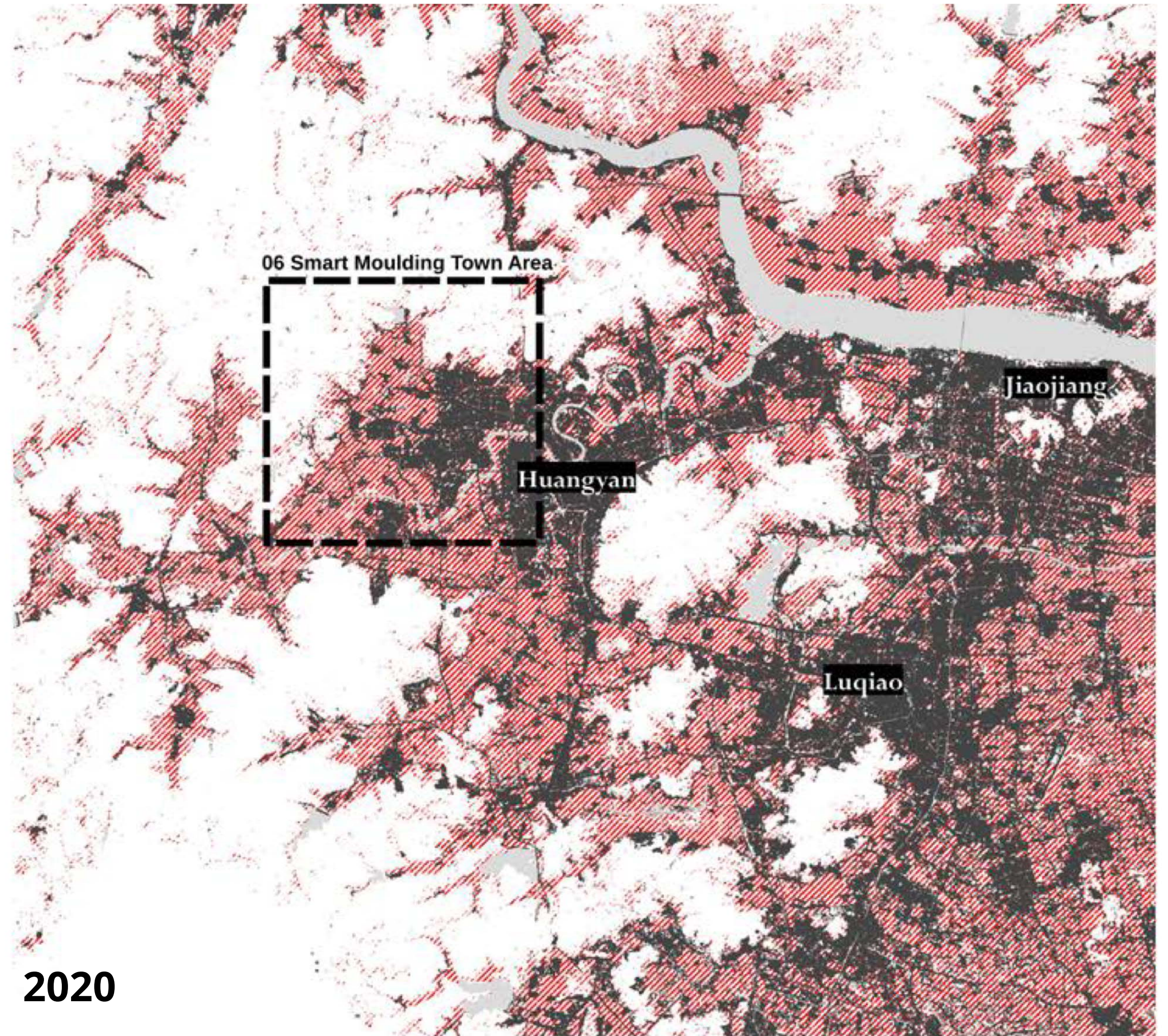


Graphics by Habitat Unit, TU Berlin

# Complex urban-rural linkages in the course of rapid urbanisation processes across Taizhou-Huangyan region



1995



2020

Graphics by Center for Cultural Studies on Science and Technology in China (CCST)  
TU Berlin (Lukas Utzig)

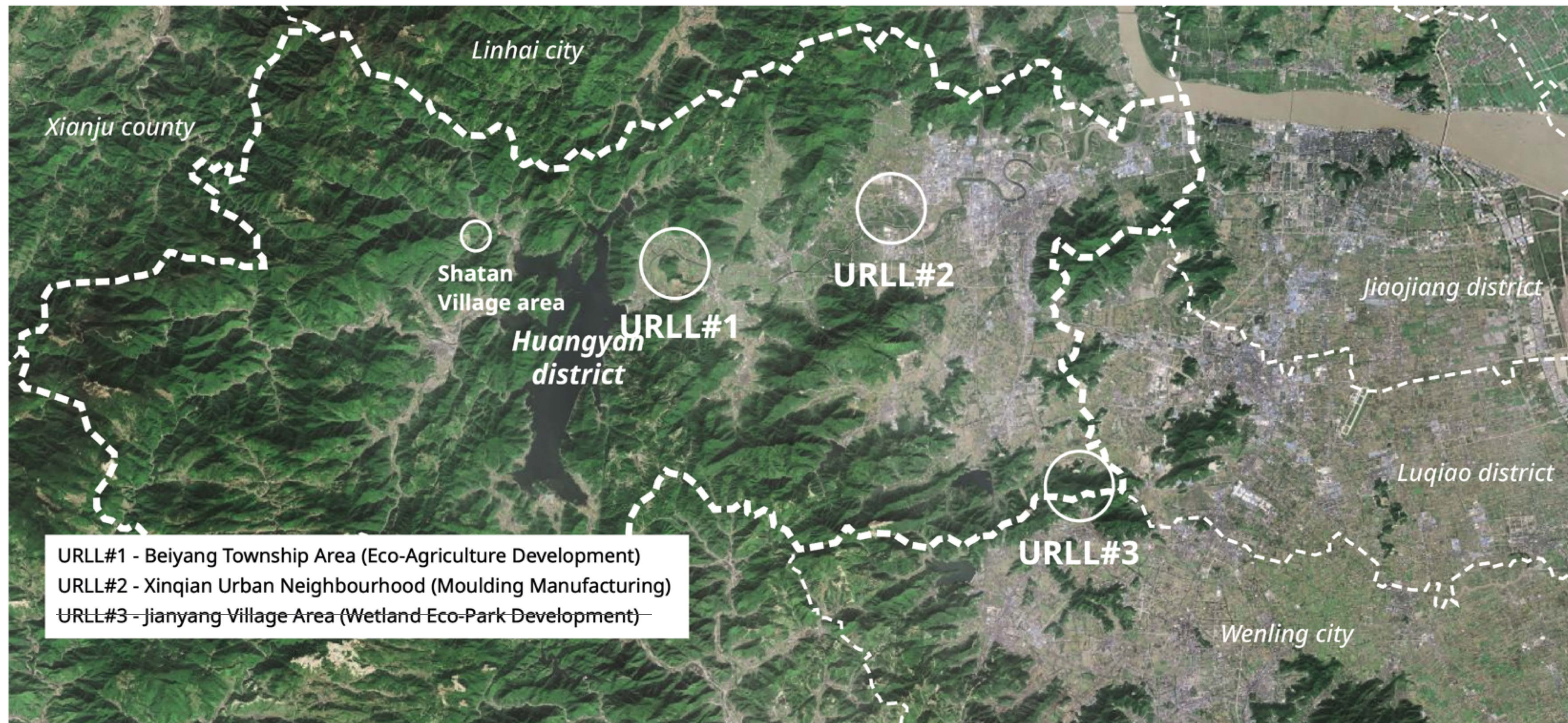
## Need for new research and planning tools to support socio-ecologically integrated urban-rural development

Aims:

- 1) Developing an inter-disciplinary research approach to urban-rural linkages and metabolisms (Ecology, Landscape, Architecture, Economy, Sociology)
- 2) Implementing a trans-sectoral and participatory planning process to develop integrated transformation scenarios
- 3) Deriving strategic tools and guiding principles for integrated urban-rural planning that can be adopted by other regions  
& enriching global planning debates (e.g. SDGs/ NUA) on how to strengthen urban-rural linkages

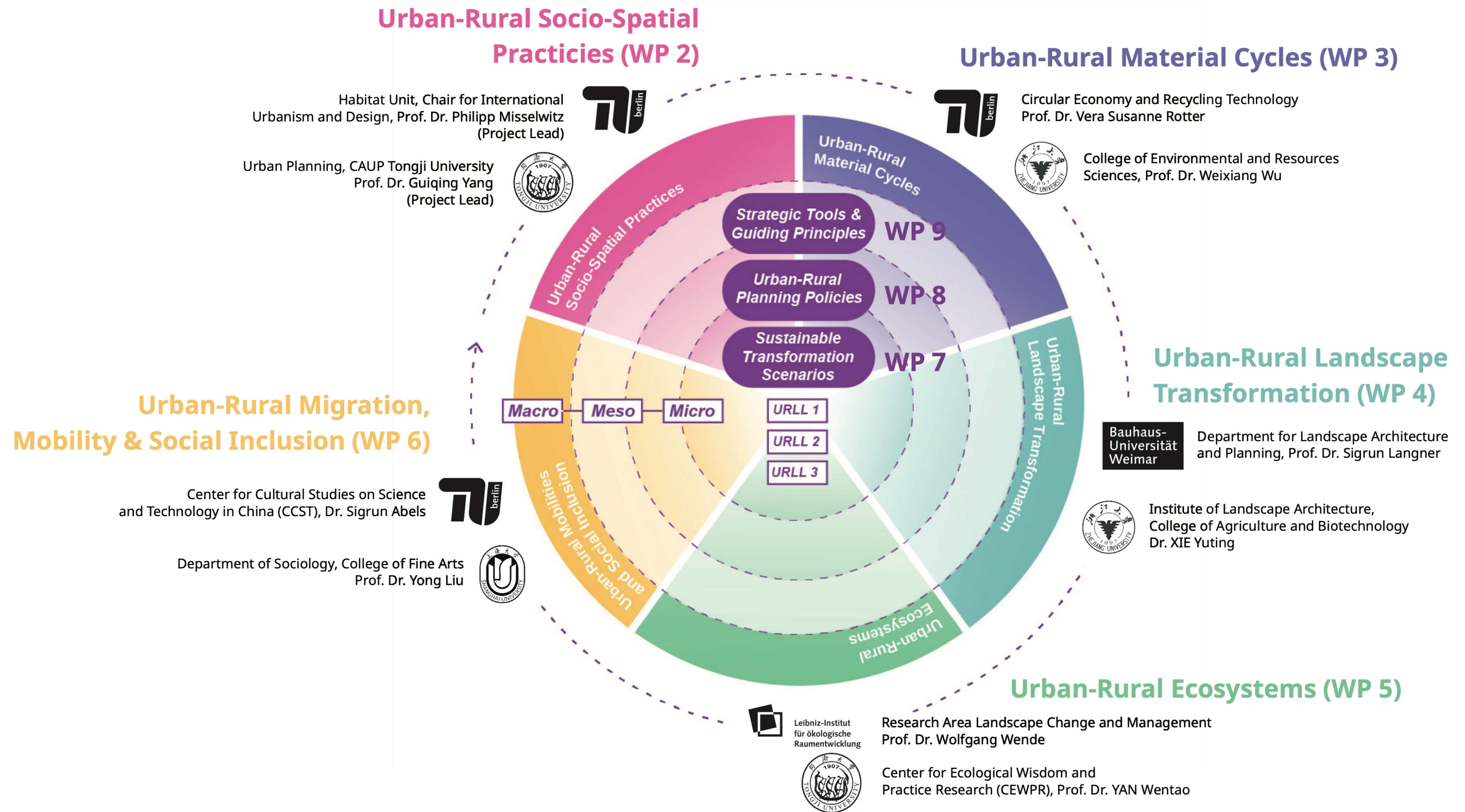


# Urban-Rural Living Labs (URLLs) as exemplary sites for inter- & trans-disciplinary research and planning activities



Three selected Urban-Rural Living Labs (URLLs), Taizhou-Huangyan region, Graphic: Habitat Unit, TU Berlin

# Building a multi-disciplinary and multi-scalar understanding of Urban-Rural Linkages



Graphic: URA research design (Habitat Unit, TU Berlin)



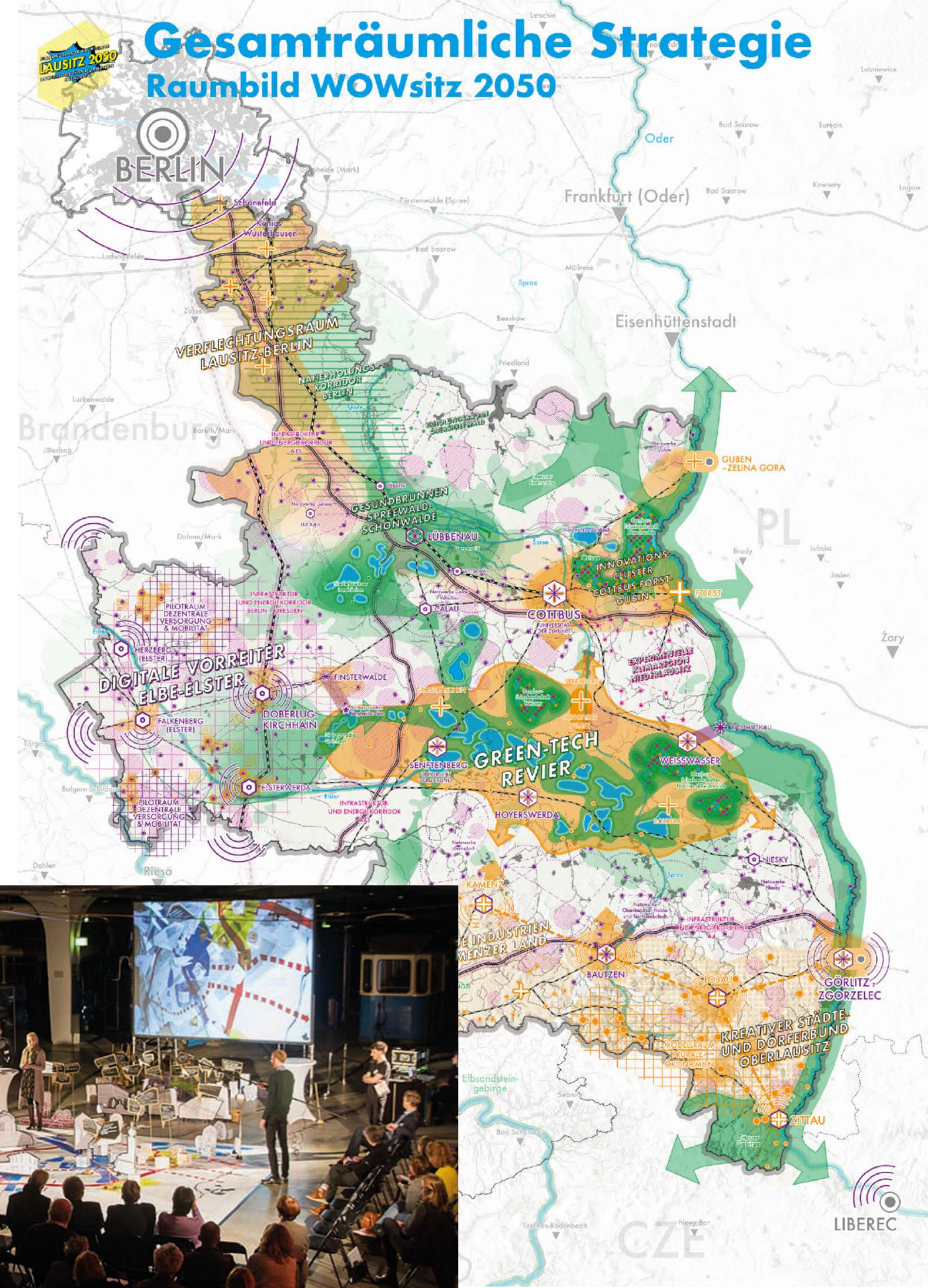
# Strategic Raumbild Method: integrated transformation scenarios through a trans-sectoral and participatory planning process

„Strategic Raumbild Method“

- develops a strategic guiding framework for future activities by policy-makers, urban-regional planning, and state administration
- involves stakeholders from planning, administration, politics and civil society in order to create commonly shared visions
- strengthens collaboration across spatial, sectoral and institutional borders
- addresses different scales (local-regional)
- fosters site-specific, actor-oriented and integrated development at the urban-rural interface

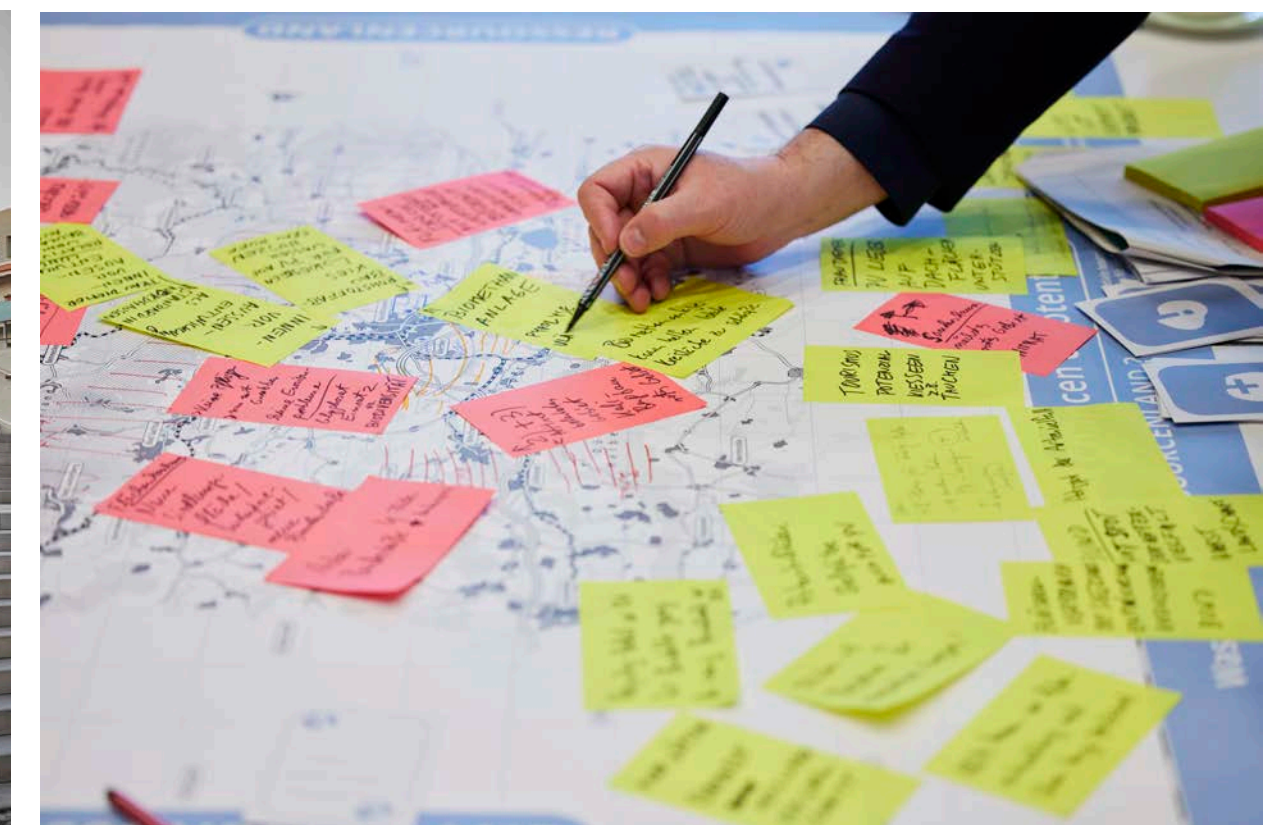
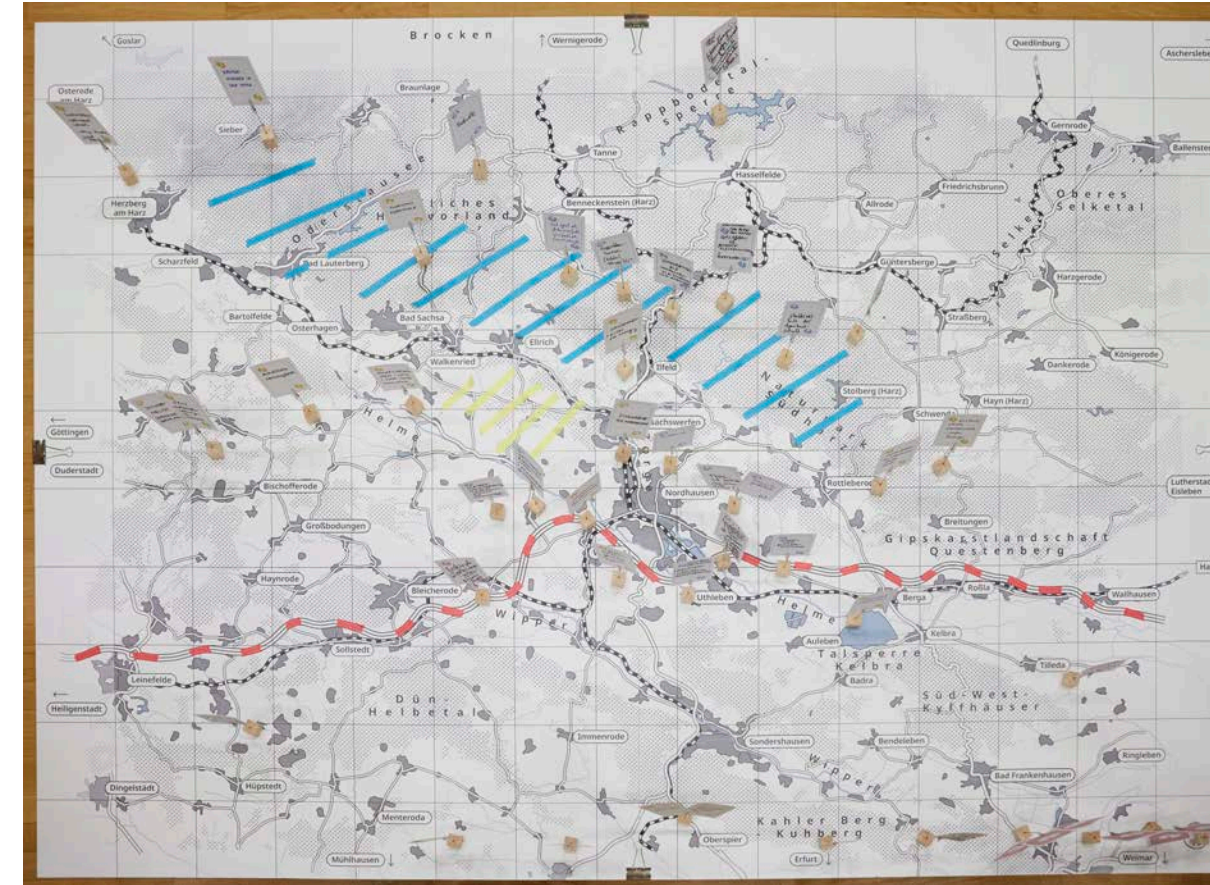


Photos: Urban Catalyst GmbH)



## Project adjustment due to COVID 19 restrictions: testing the Raumbild-Method in Nordhausen / Thuringia

- more comparative approach: Urban-Rural Living Lab in Germany (2022)
- **Nordhausen region** provides relevant dynamics in urban-rural transformation and advanced experience in integrated development approaches (energy, climate, mobility, ...)
- cooperation with IBA Thuringia
- **Raumbild-Process** in Nordhausen started with a **Kick-Off Workshop** with local stakeholders (March 2022):
  - > uncover opportunities and challenges of a climate-friendly regional development across selected transformation topics



Photos: Jörg Gläscher

# Strategic planning process – Raumbild method

March 3, 2022

## KickOff Workshop

*Opportunities and risks of regional transformation*

June 6, 2022

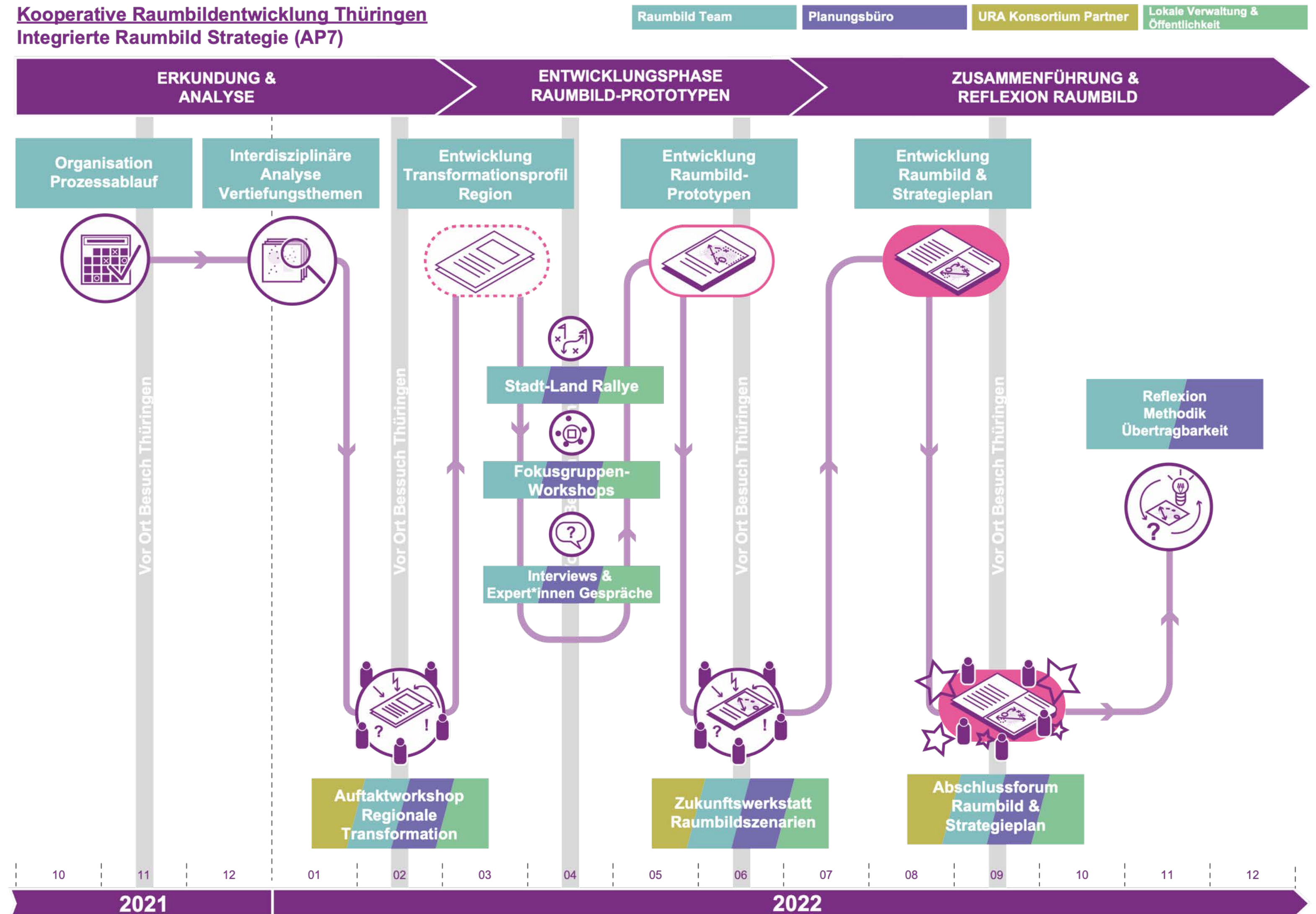
## Future-Making Workshop

*Guiding Scenarios*

September 29, 2022

## Final Forum

*Guiding Future Image & Strategy Plan for Sub-Region*



Graphic: URA's strategic planning process (Raumbild Method) in Nordhausen region

# > Major challenge: applying strategic planning tools and the Raumbild method in trans-disciplinary settings in China

Discussion:

- experiences with testing **trans-disciplinary, multi-stakeholder planning processes** in SEA (in times of pandemic)
- experiences with **transfer and adaptation** of Western European planning approaches in SEA