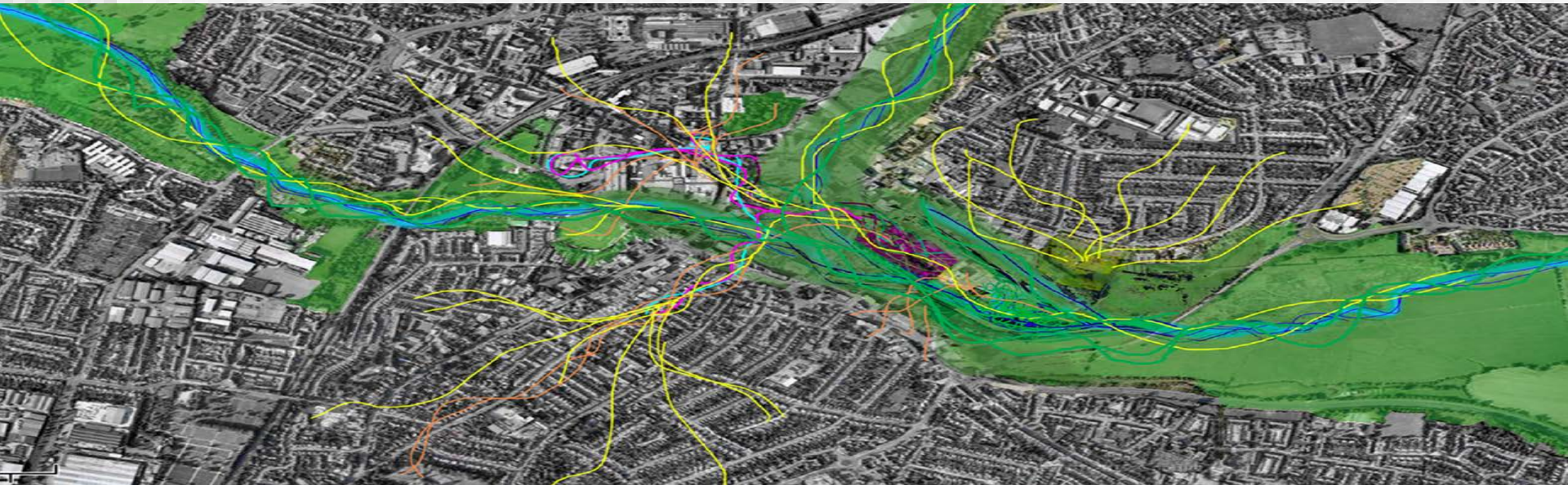


Green Qualities in Transport Efficient Cities



Azureus Manus (2013), Chemsford, UK

Juan Azcárate, Berit Balfors
and Ulla Mörtberg

The Compact City

- Counter reaction to the car dependent dispersed suburban city
- Aims to make cities more energy efficient, sustainable and attractive (car independent, relies on public transport, walking, biking, and provides access to green qualities)
- Uses two main approaches: densification and multifunctional landuse

Challenges to the Compact City

- Market forces foster dispersed cities
- Lack and slow application of densification policies
- Sustainability of the this city model is questioned (lack of studies on conflicts)
- Need to explore the conflicts between urban densification and provision of access to green spaces

Research Questions

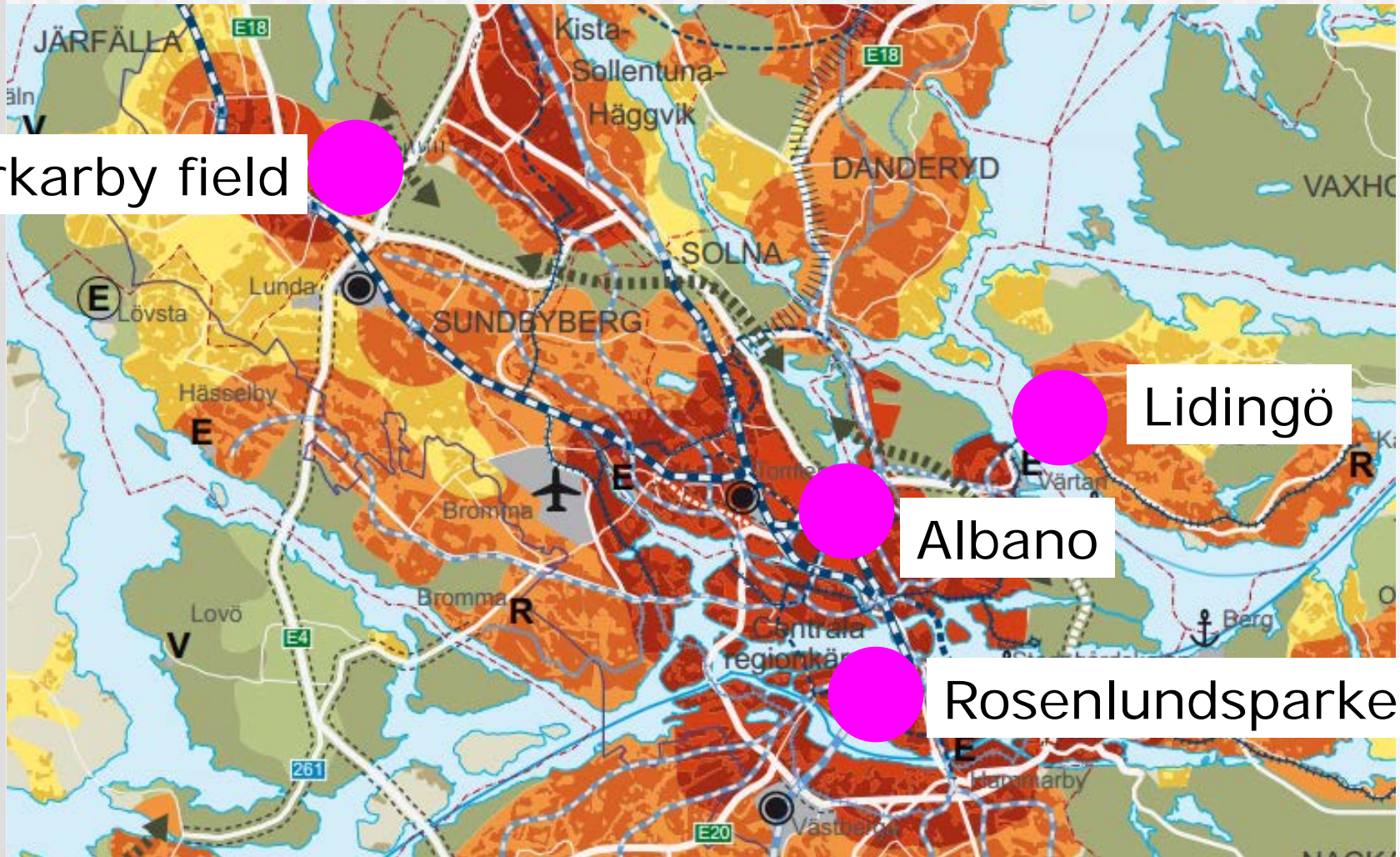
- What are the conflicts that can arise when aiming to develop dense, energy efficient, green quality cities?
- In what ways can these conflicts be best managed?

Methods

- Literature review
- Study of relevant examples
- Interviews
- Workshop (financed by Nordic Road Forum)

Stockholm Region and potential case studies

Barkarby field



Lidingö

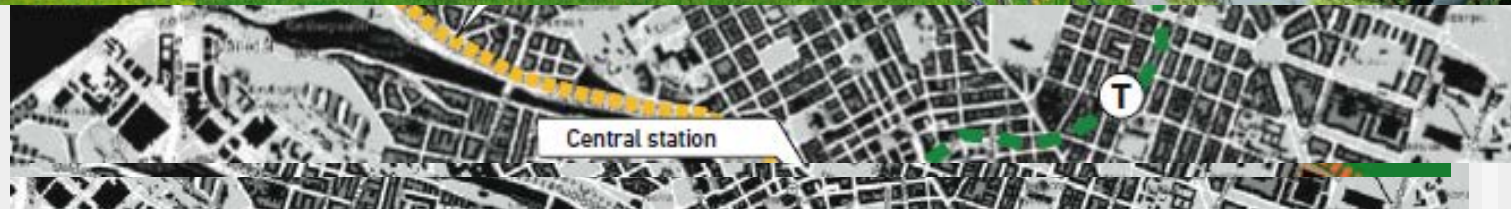
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Results

Integration

- sectors
- municipal cooperation
- disciplines
- scale
- lack of tools

Differing objectives

- planning objectives
- interests, power

Conservation focus

- polarized discussions
- eco. processes not considered

What conflicts can arise when developing dense, energy efficient, green quality cities?

Perception of urban nature

- passive, hidden
- low understanding of urban ecosystems
- excluded from planning

Lack of ecosystem services approach

- systems perspective
- participation
- prioritising difficult

Hard to support sustainable travel

- car focus
- mobility focus
- tech. focus

Conclusions and future research

- It is important to understand the conflicts surrounding the compact city concept
- One way to do this is to study the role that green qualities play in the compact city
- It is important to develop approaches that facilitate the management of these conflicts and that enhance the integration of green qualities in urban planning

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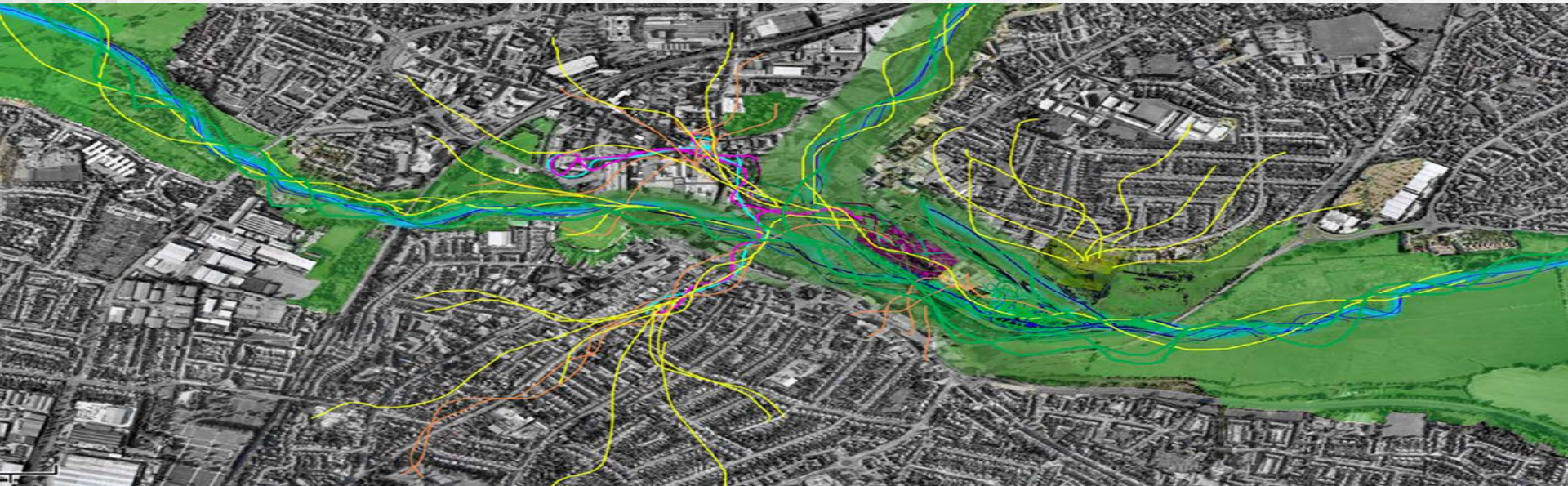
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Thank you!



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