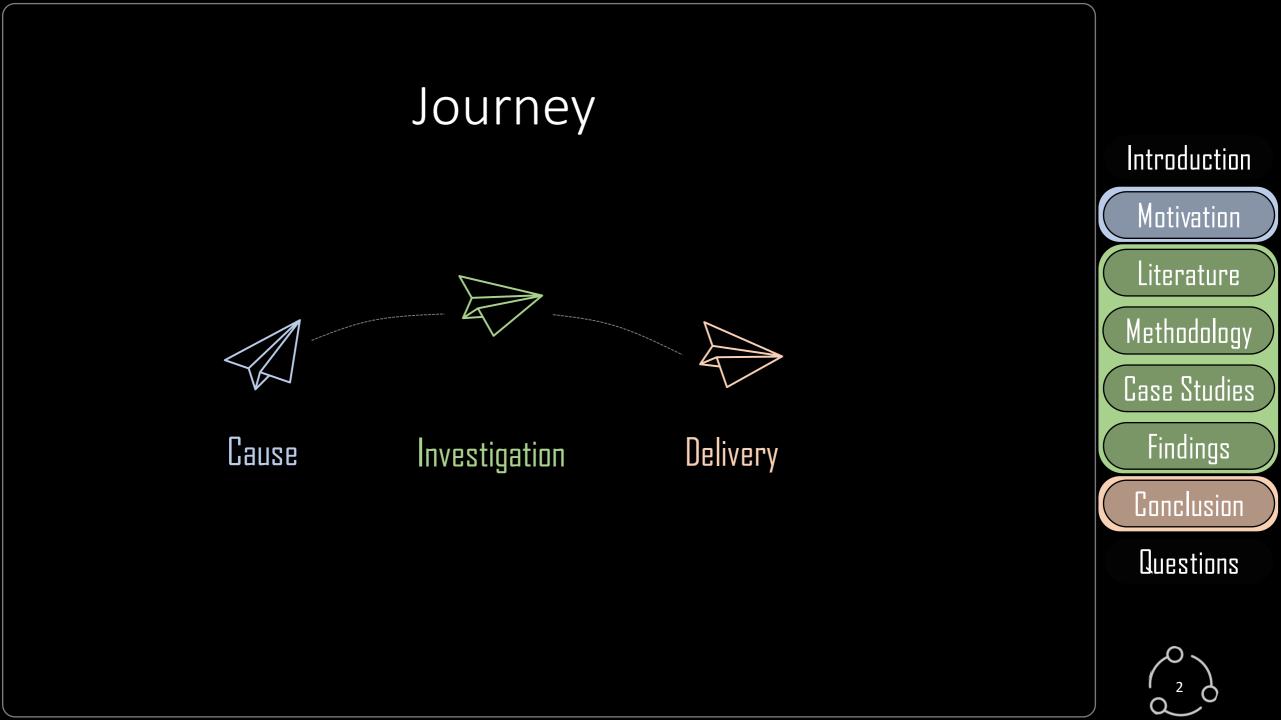
Sharing Sustainability

The Concept of Sharing in Collaborative Housing for more sustainable Cities

Annalena Meixner, 25.07.2020



UN Sustainable Development Goals



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Fridays For Future



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Loneliness, affordability, social exclusion



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Scientific

More research on social, environmental AND economic sustainability in CH is required.

(Daly, 2017; Williams, 2005; Jarvis, 2011)

Relationship between three concepts (Lang et al., 2018)



Sharing Economy and Collaborative Consumption

(Agyeman et al., 2013; Belk, 2013; Teubner, 2014)







Literature Review

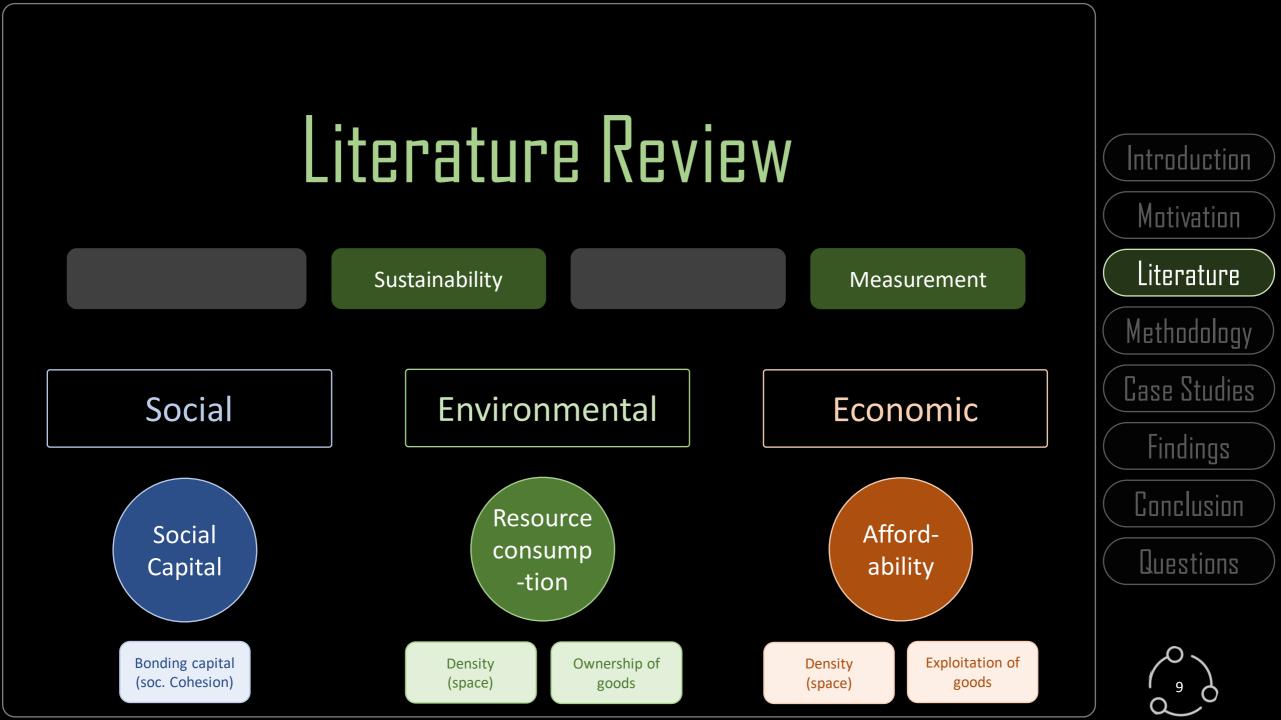
Collaborative Housing

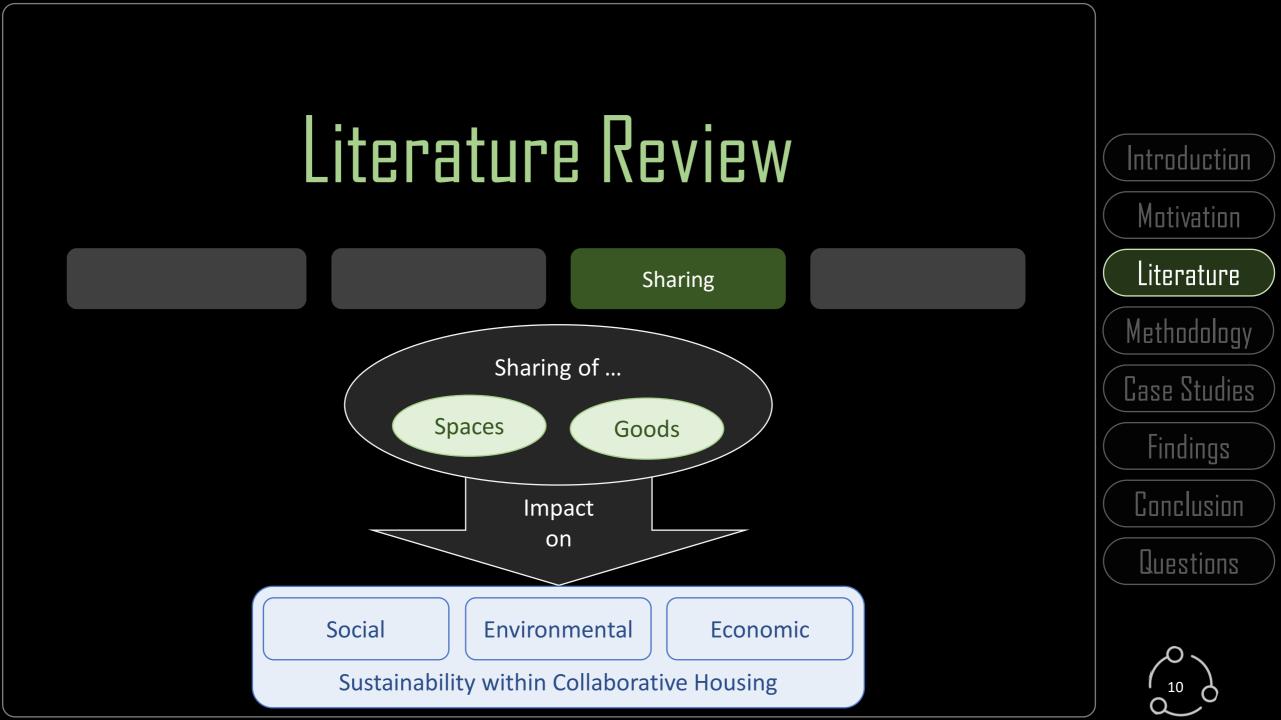
- **Selection Criteria**
- Intentional community
- Strong focus on community
- Autonomous housing units
- Shared spaces and facilities













6 Assumptions

Residents of the community have more frequent and intimate interactions.

The building has a smaller total floor area per person.

Households spend less on energy and maintenance due to a smaller total floor area per person.

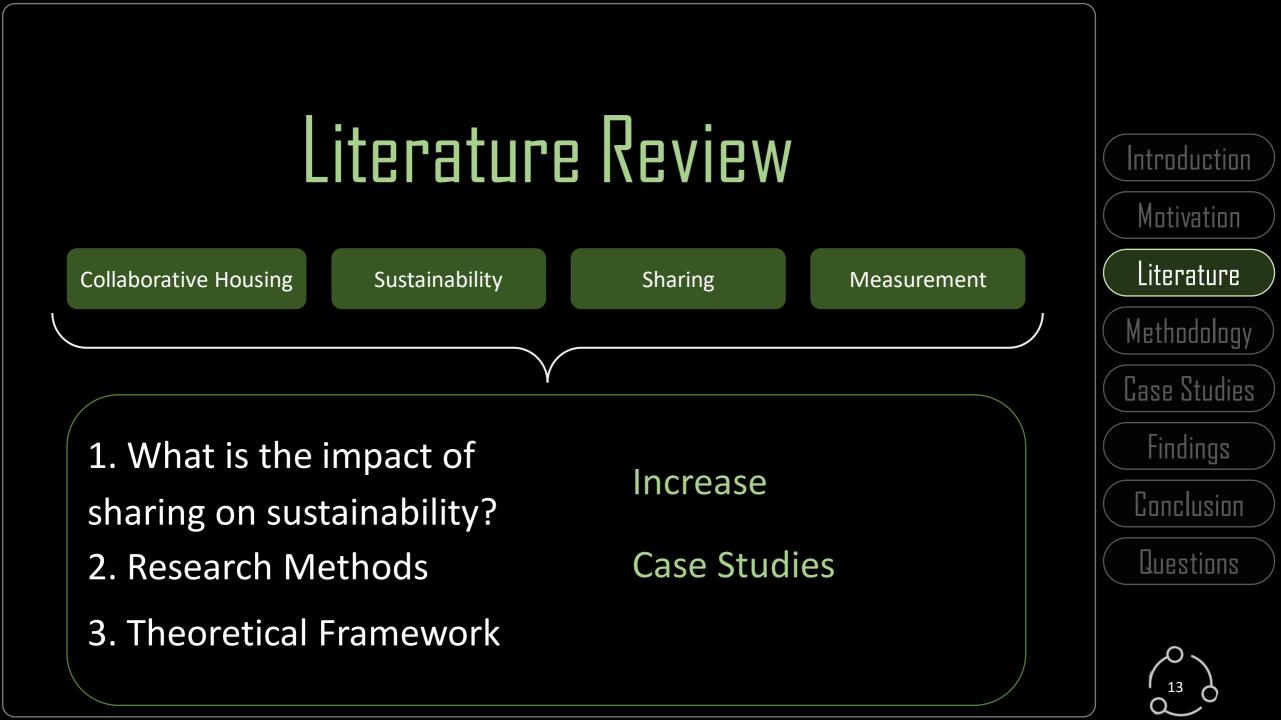
The residents consume less goods.

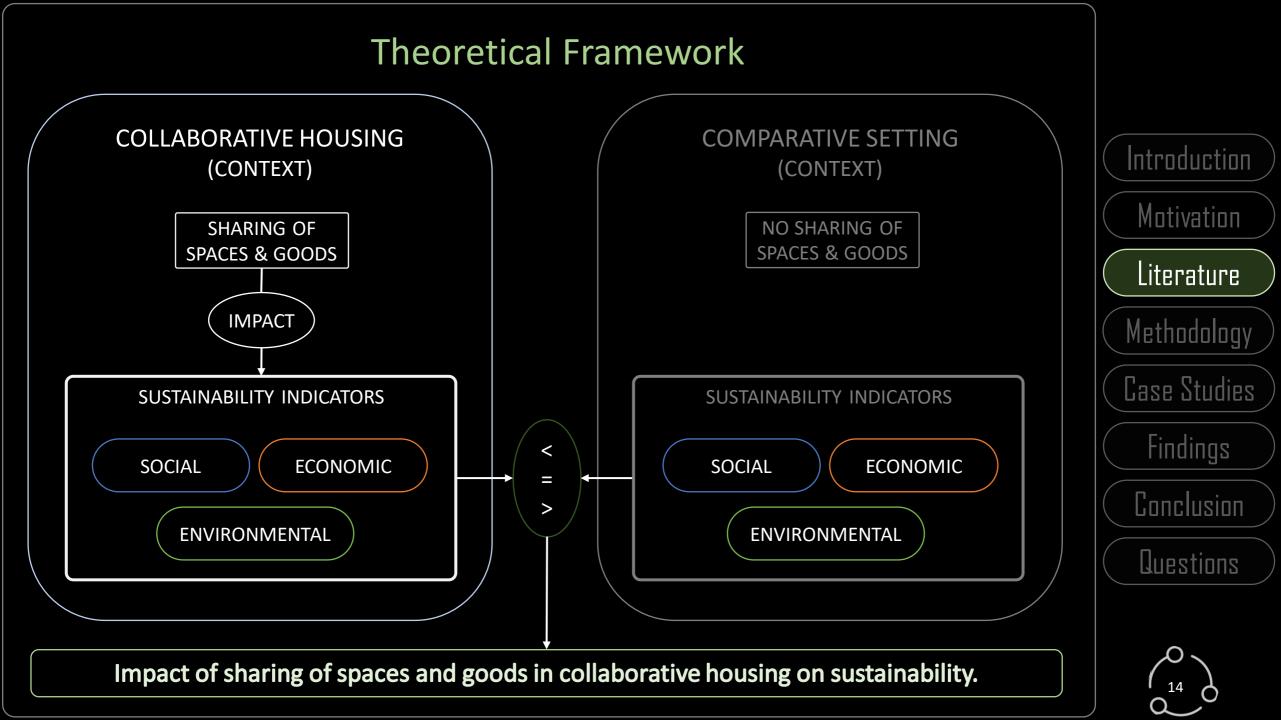
The residents save costs for goods by sharing goods efficiently.

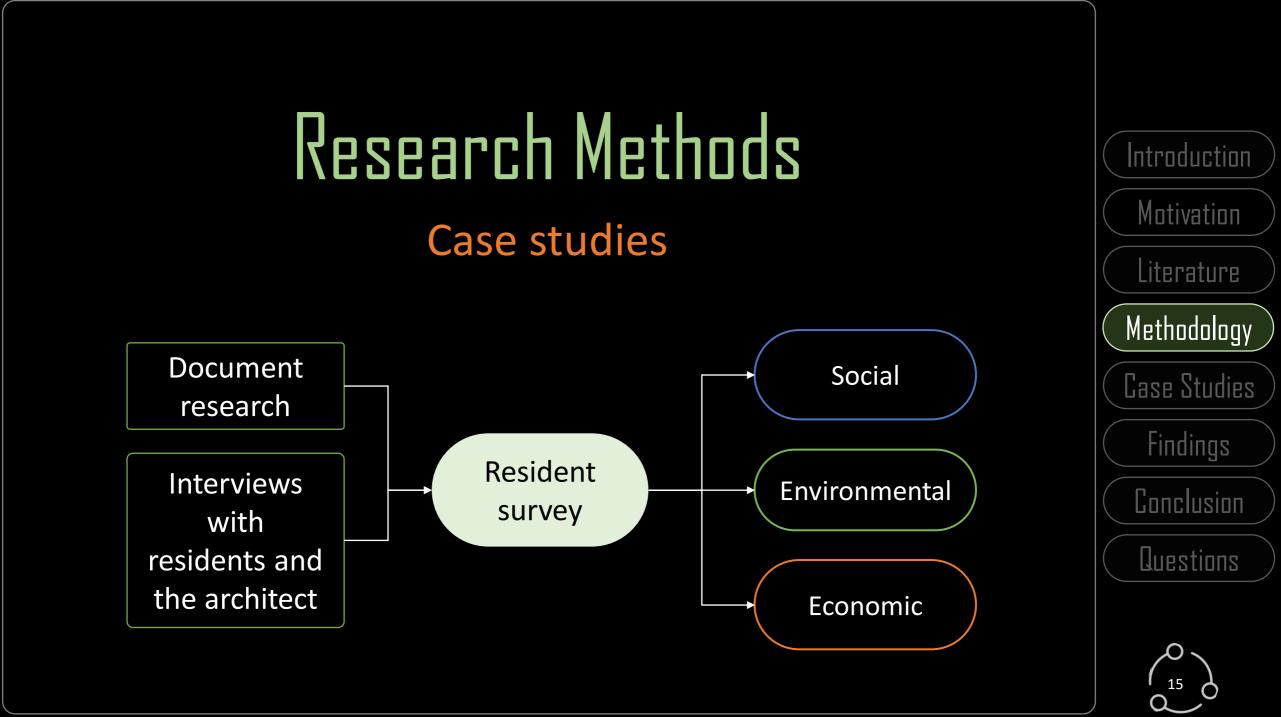
Households pay less rent compared to their desired alternative setting.











Case Studies



Pilot study CW Delft



Case Studies

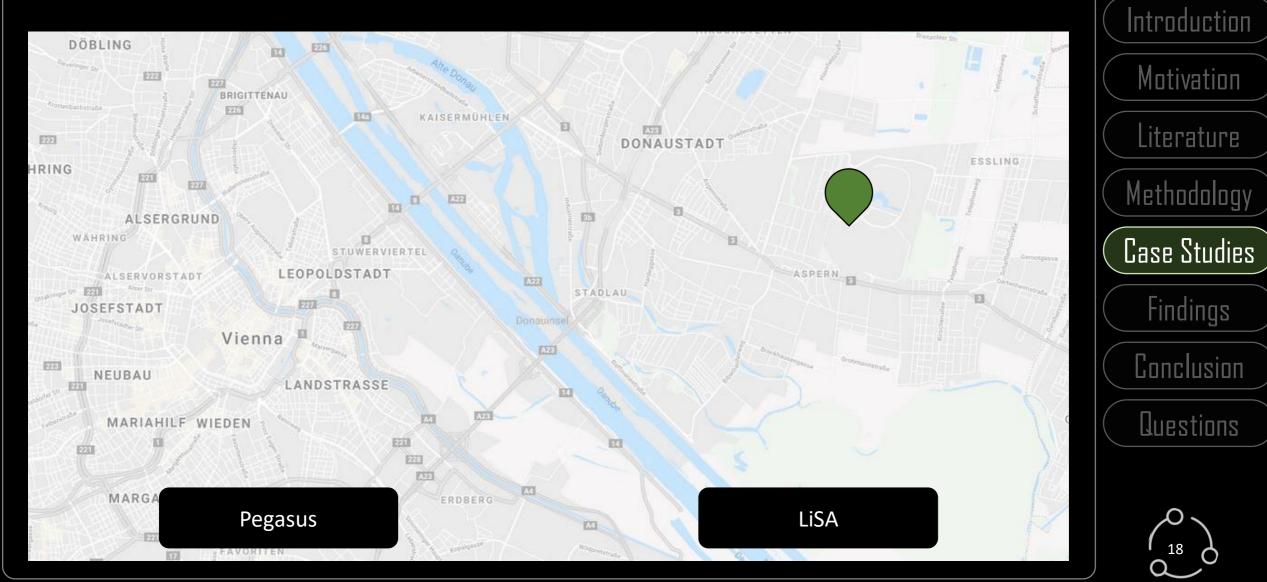




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Case Studies







Literature suggests that by sharing...

Residents of the community have more frequent and intimate interactions.

The building has a smaller total floor area per person.

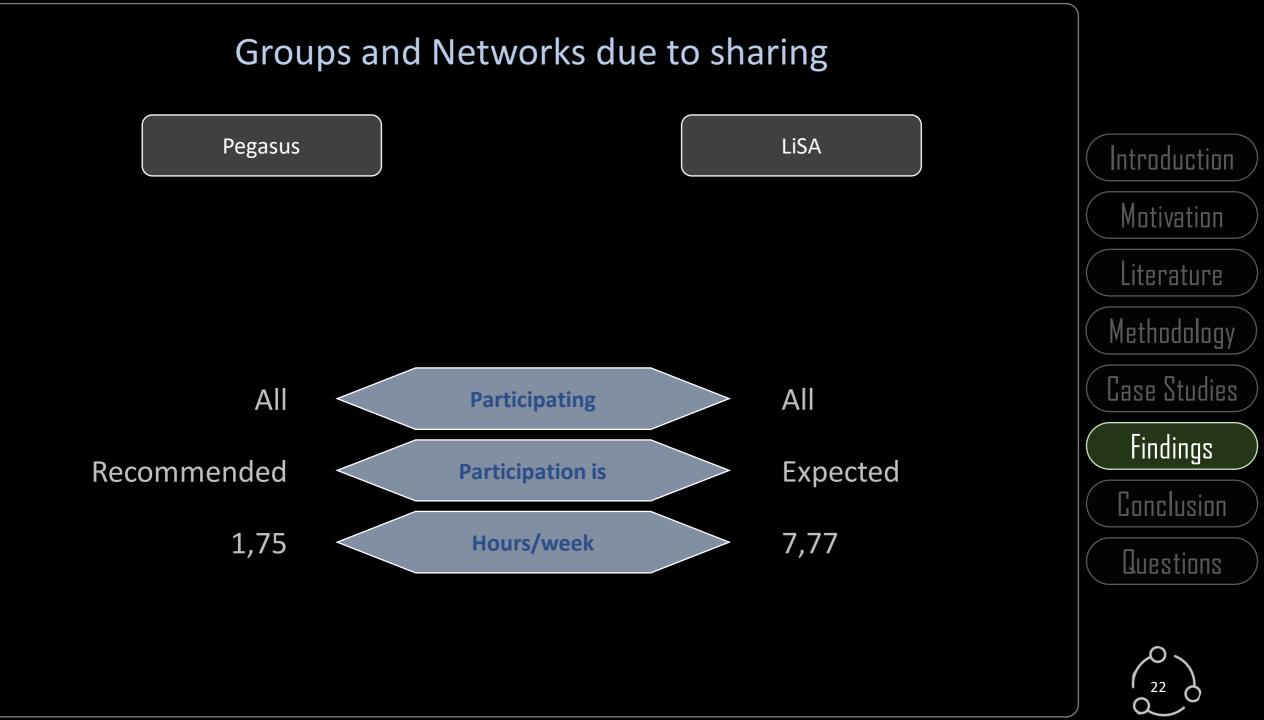
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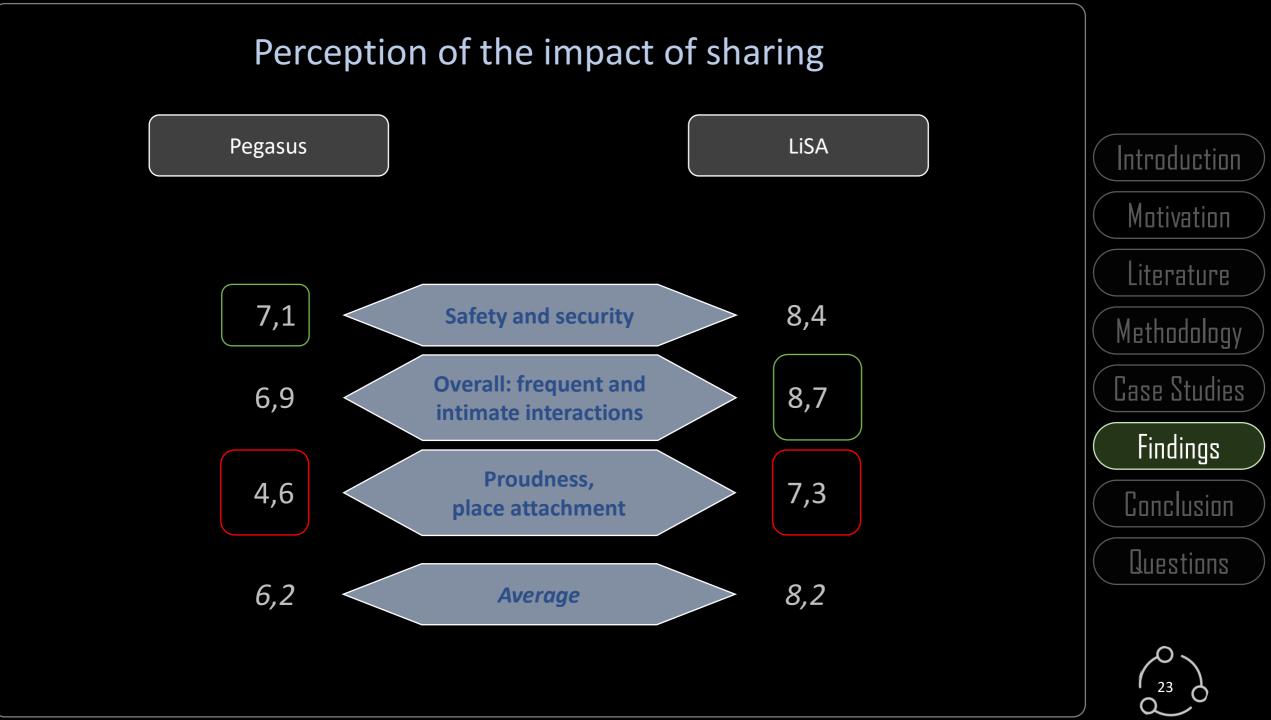
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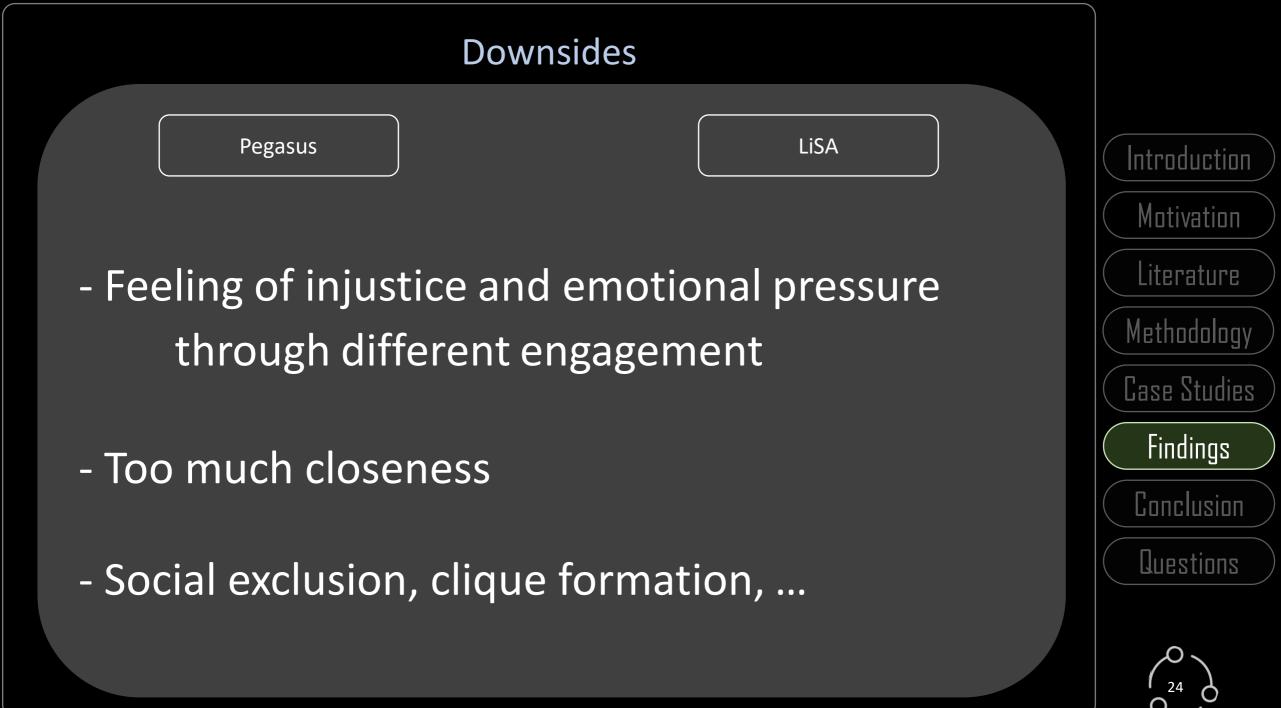
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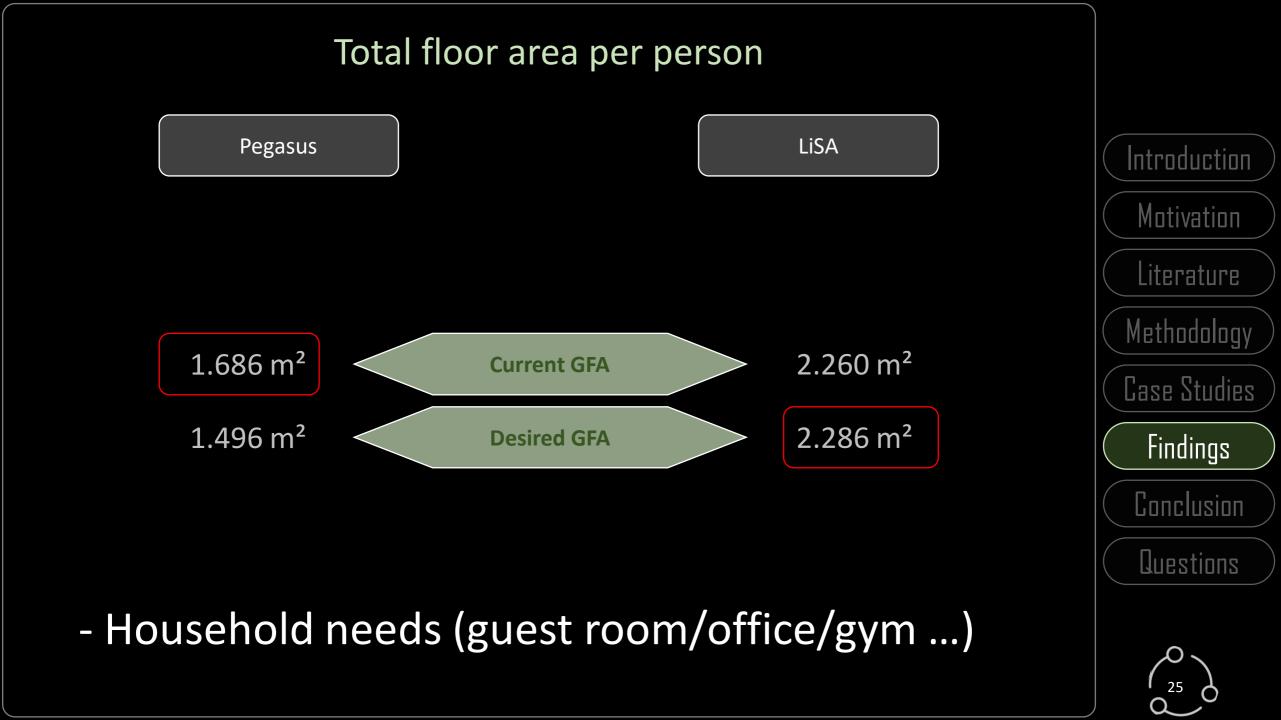
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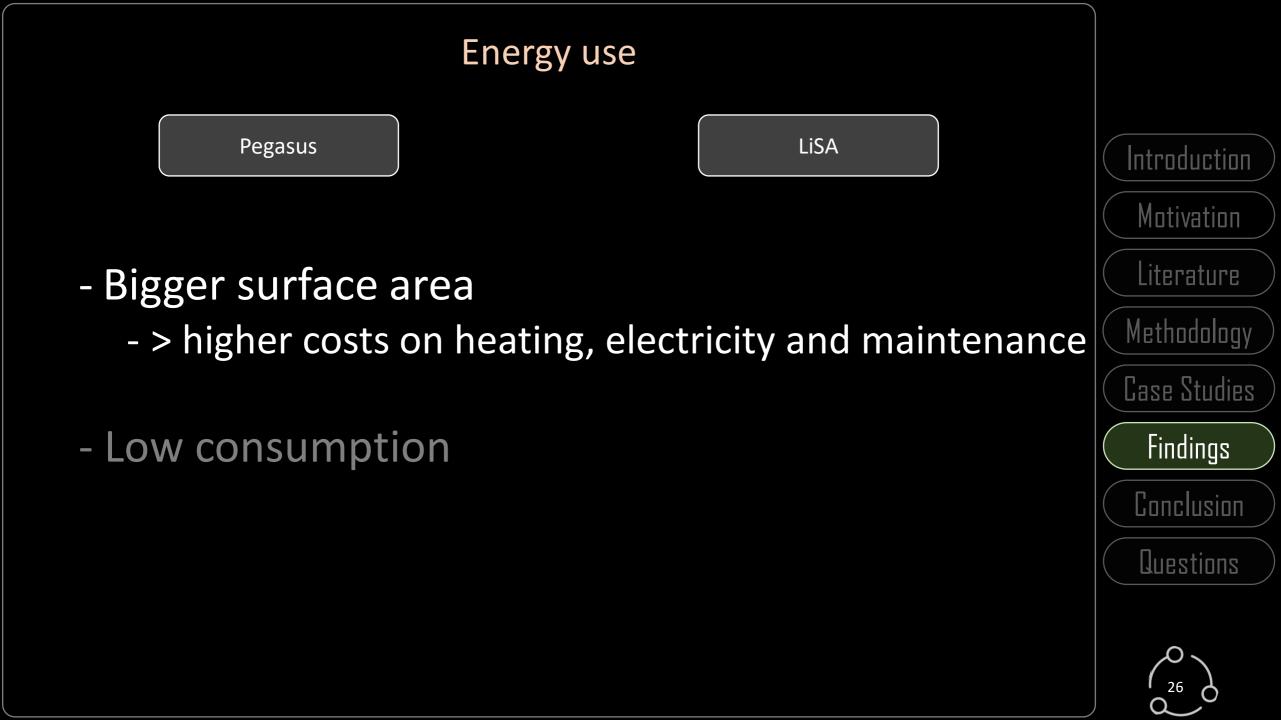


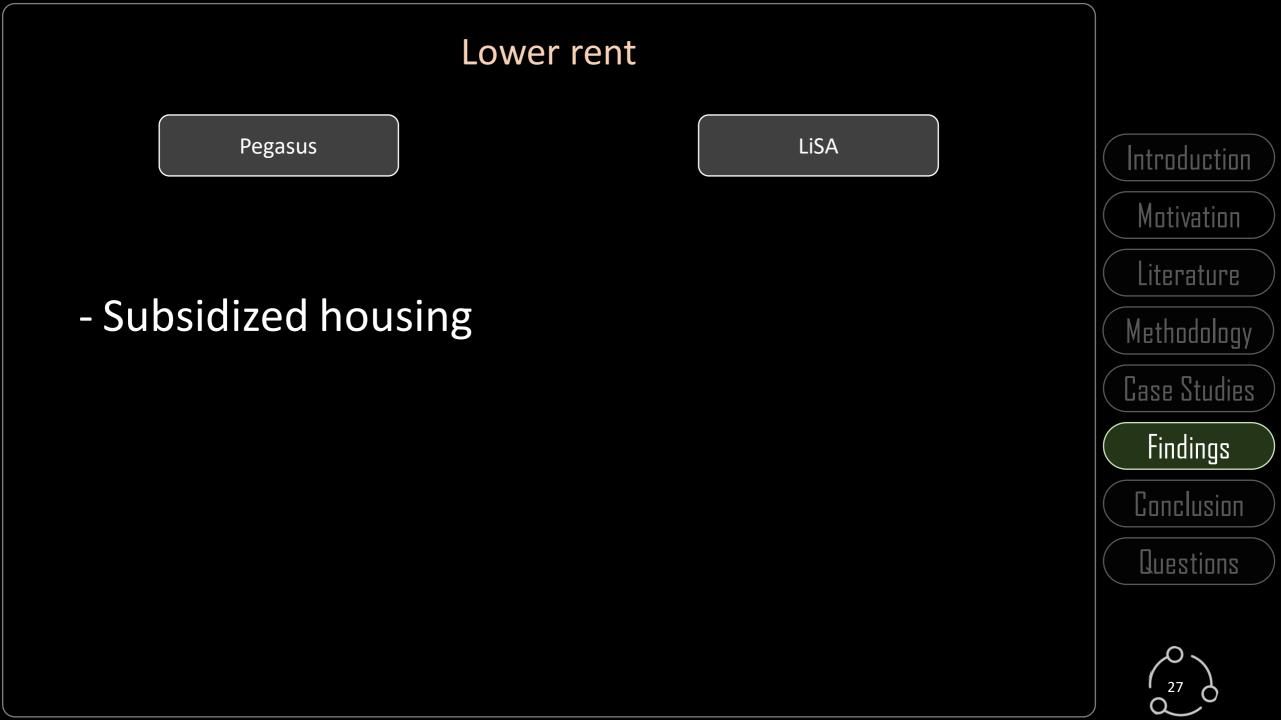




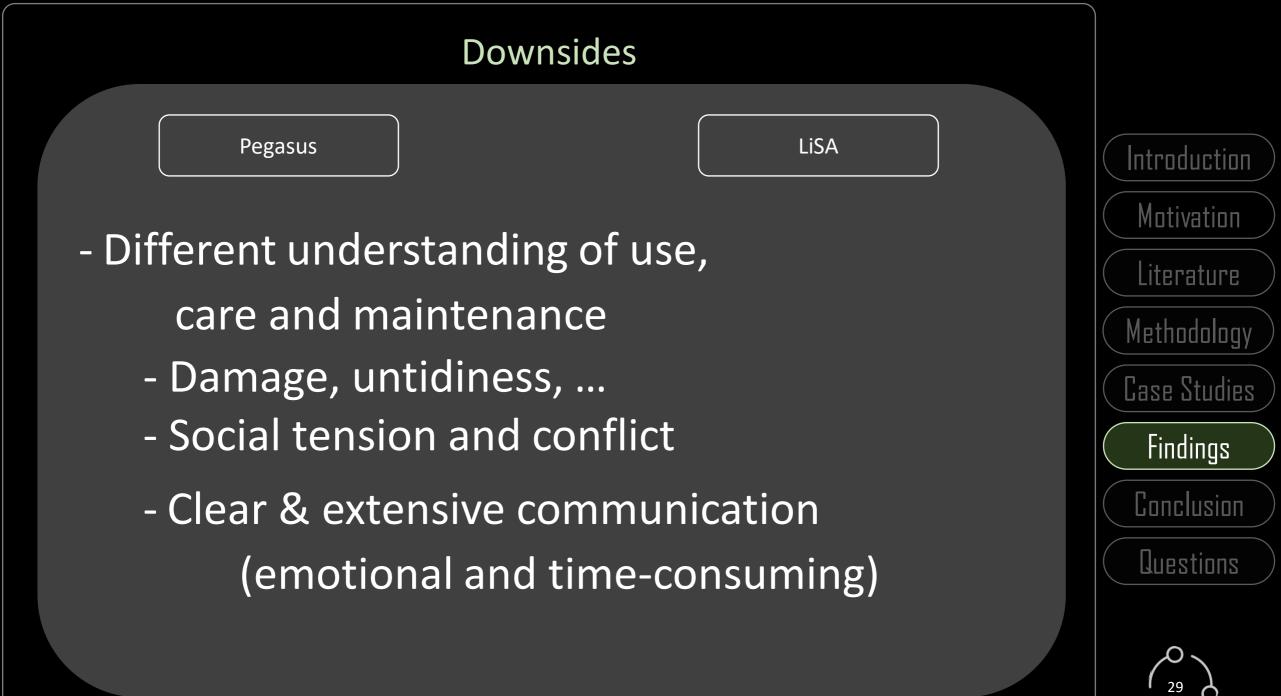


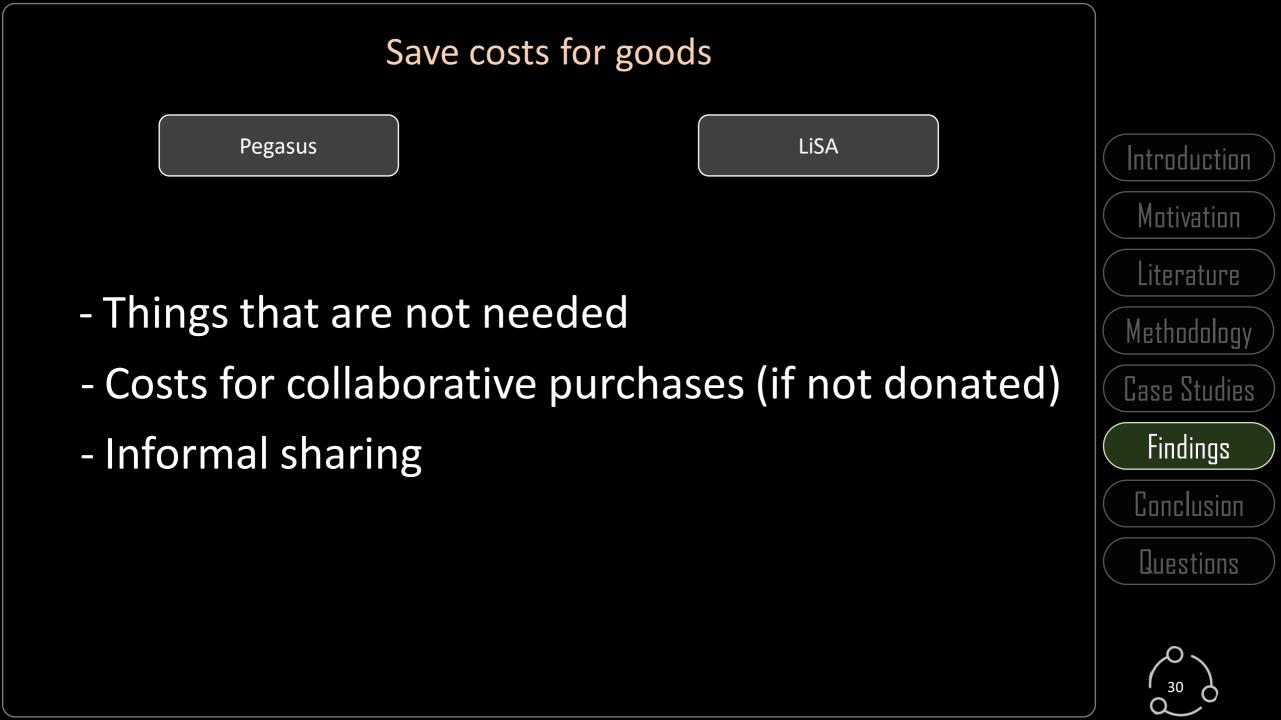


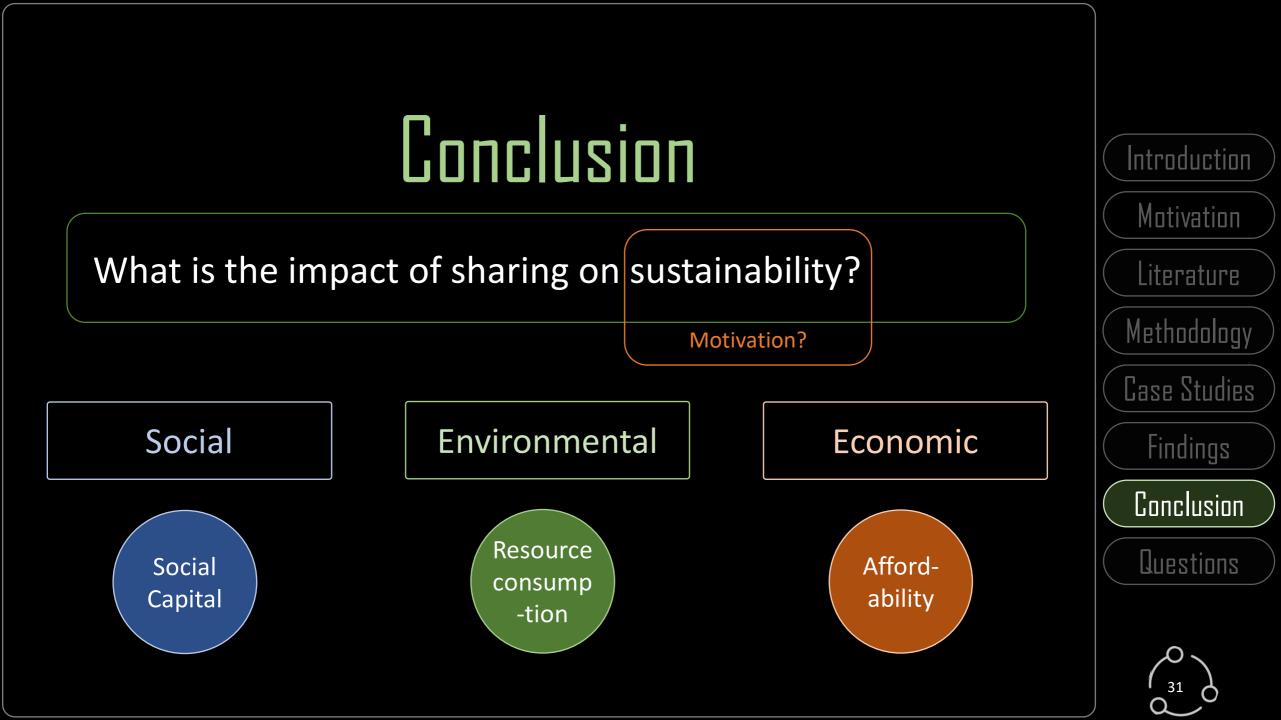


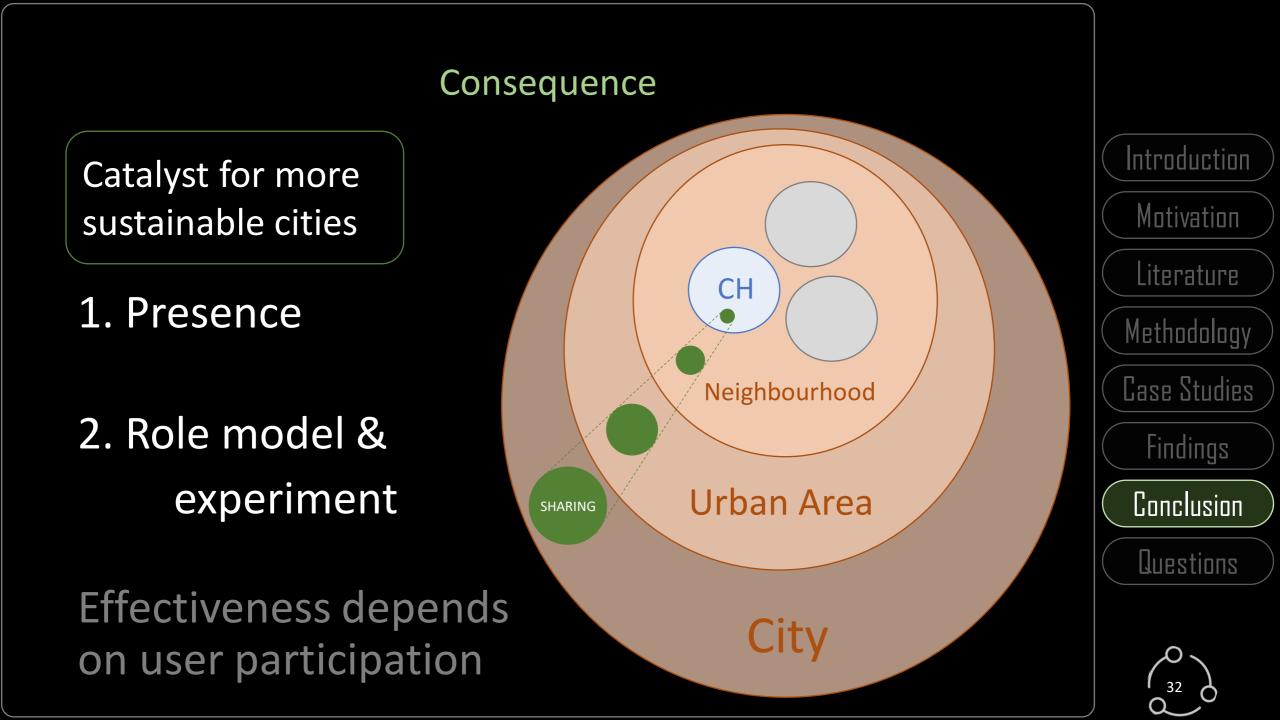












Recommendation

For research

- Longer period of time
- Effectiveness of sharing on bigger scale

For future development

- Purposely implement sharing practices

For CH communities

- Put sustainability on your agenda
- Share your experiences
- Support each other's initiatives and fight social exclusion

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Sharing Sustainability

- How sharing can increase the sustainability of cities

The opportunities of sharing for urban spaces are currently being overlooked.

(Agyeman et al., 2013)





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