SPS seminar 23/02/17

From Passive House to Active Residents

Co-housing and the circular city

ir Lidewij Tummers,
Department Urbanism

SpatialPlanning
Strategy

From Passive House to Active residents

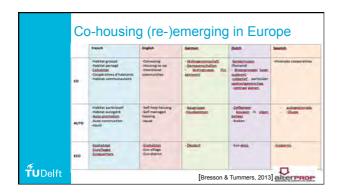
What is co-housing (CPO)
What is the circular city (CC)
Specific features relating CPO to CC

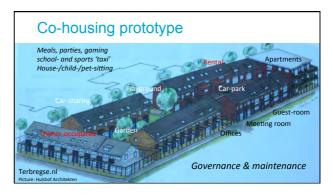
> social opportunities

> engineering opportunities

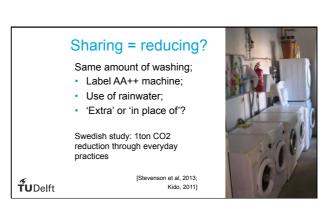
> planning opportunities

Lessons learned
Conclusions up- and outscaling?

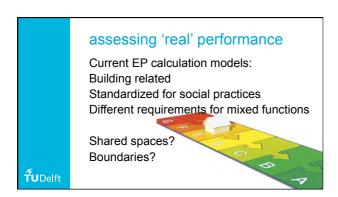


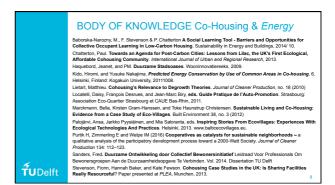






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## What is circular city?

Closed loops

Flows

Metabolism

Waste

Up-cycling

Value creation

> System boundaries?

**TU**Delft

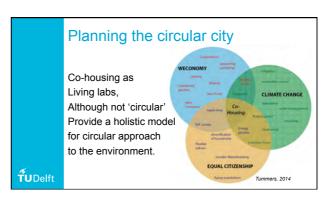
Daughter of sustainability [Brundland 1987]

Sister of:

energy transition, recycling, low-impact, climate change

mitigation,

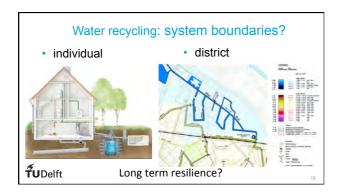
> More questions than answers

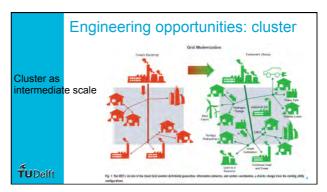


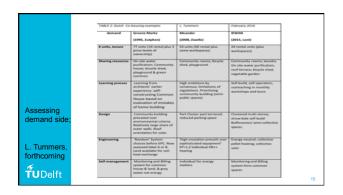




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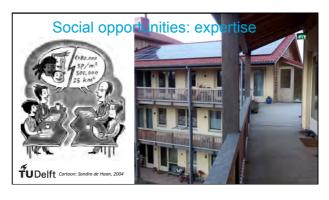












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From Passive House to Active residents: 6 lessons

1. Sharing installations such as laundry, or other facilities

2. Institutionalise collective learning

3. Residents remain in the lead during the whole lifespan of the project, in the management, administration and maintenance.

4. Design and dimensions of cluster: the intermediate scale, urbanism.

5. Engineering utilities and recycling systems for self-operating and monitoring

6. Reducing transport-dependency, for example by integrating services or employment; and by sharing means of transport or combining trips.



Publications Co-housing L. Tummers

Co-Housing: a double shift in Roles?

(in: Buckingham & LeMason: Climate Change through Gender Lens Routledge; 2017)

Professionalizing Co-housing with dr M Fernandez, ENHR 2016)

Critical Review of Co-housing Research (Journal for Urban Studies, online 2015)

Co-housing in the Netherlands (Wohnbund, Jovis, 2015)

Understanding co-housing from a planning perspective (Journal for Urban Research March 2015)

Taking apart Co-housing

special issue of the Journal for Urban Research (March 2015, re-published by Routledge 2016)

L'habitat participait autogéré une nouvelle strategie urbaine? (With dr S. Bresson in: Metropoles 2014)

Co-housing, pioneers of eco-engineering (ENHR2013)

Collectively Commissioned Housing: new urban qualities through residents self-management (in: Qu & Hasselaar: Making Room for People; Techne Press 2011)

