



Circular Economy on the city level

Introduction to the topic

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www.scp-centre.org

The Collaborating Centre on Sustainable Consumption and Production (CSCP)



Founded in 2005

by the United Nations Environmental Programme (UNEP) and Wuppertal Institute for Climate, Environment and Energy. Headquarters in Wuppertal, Germany



Think & Do Tank

providing scientific as well as implementation support in the field of sustainable consumption and production (SCP)

Bridge builder in Sustainability

Working with NGOs, citizens, business, academia and policy makers



Solution driven

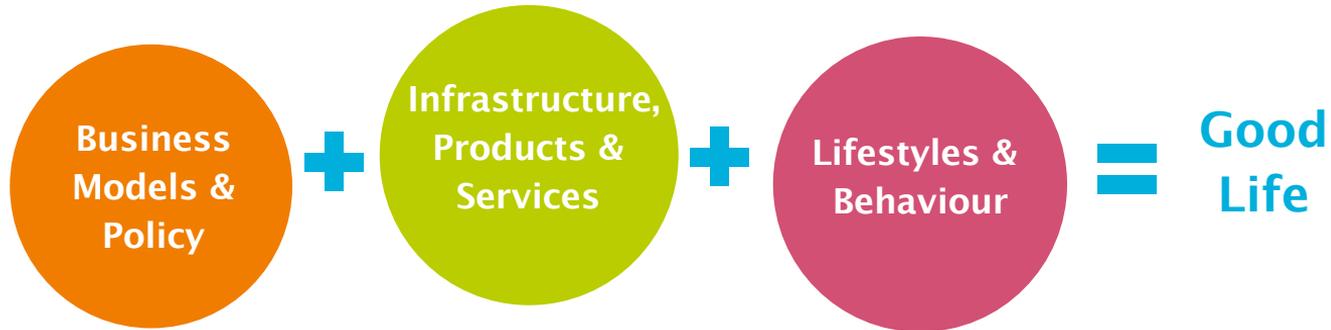
Regarding Circular Economy as enabler for good life



all photos © CSCP

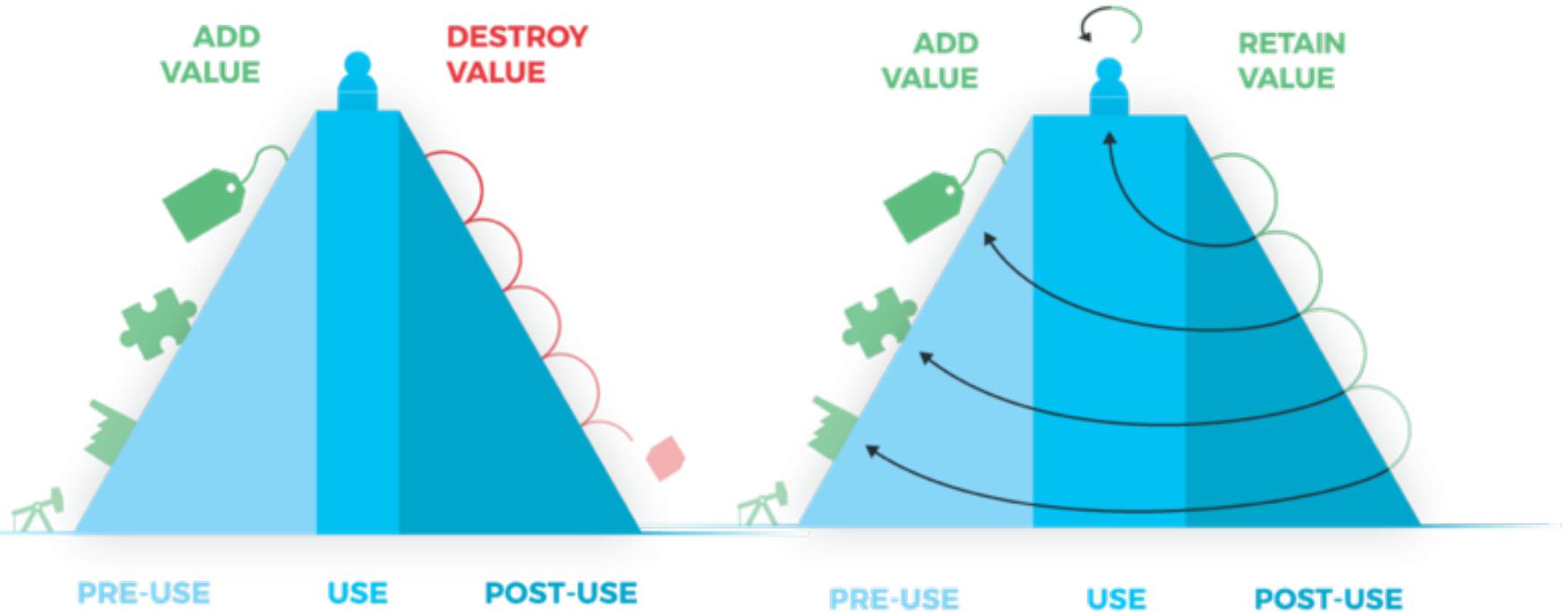
Circular Economy needs to contribute to Good Life

The CSCP's topics & teams



Good life requires circularity

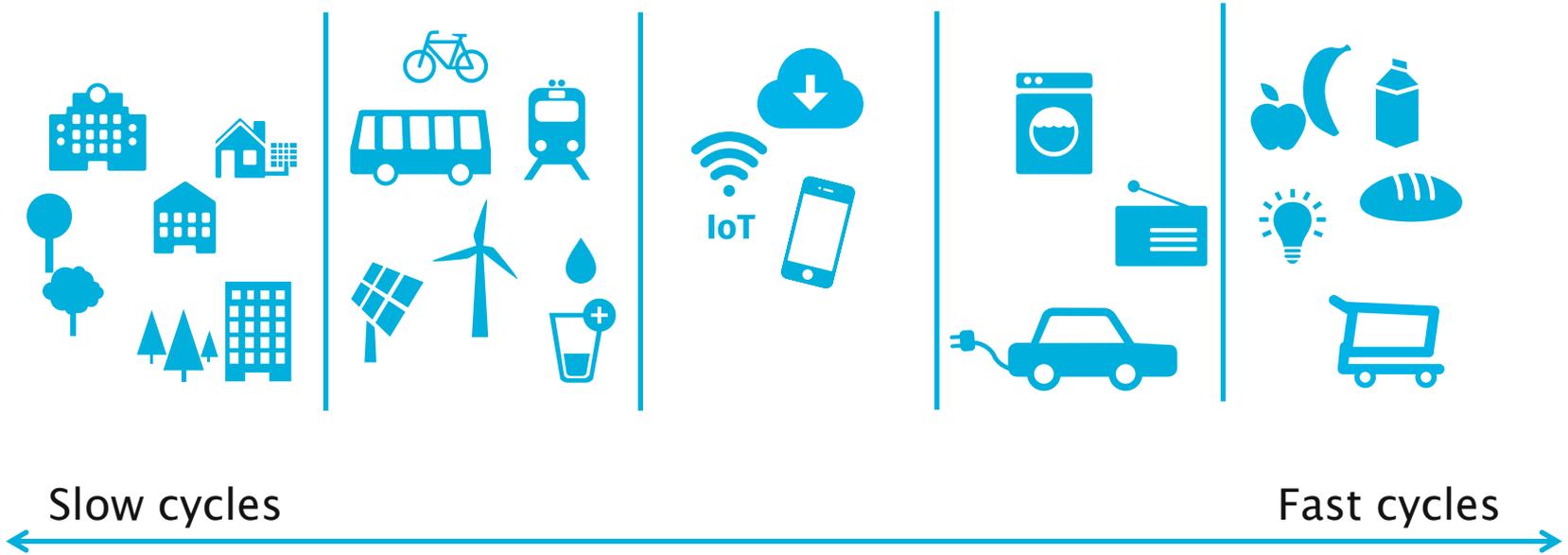
Retaining Value for People, Planet & Prosperity



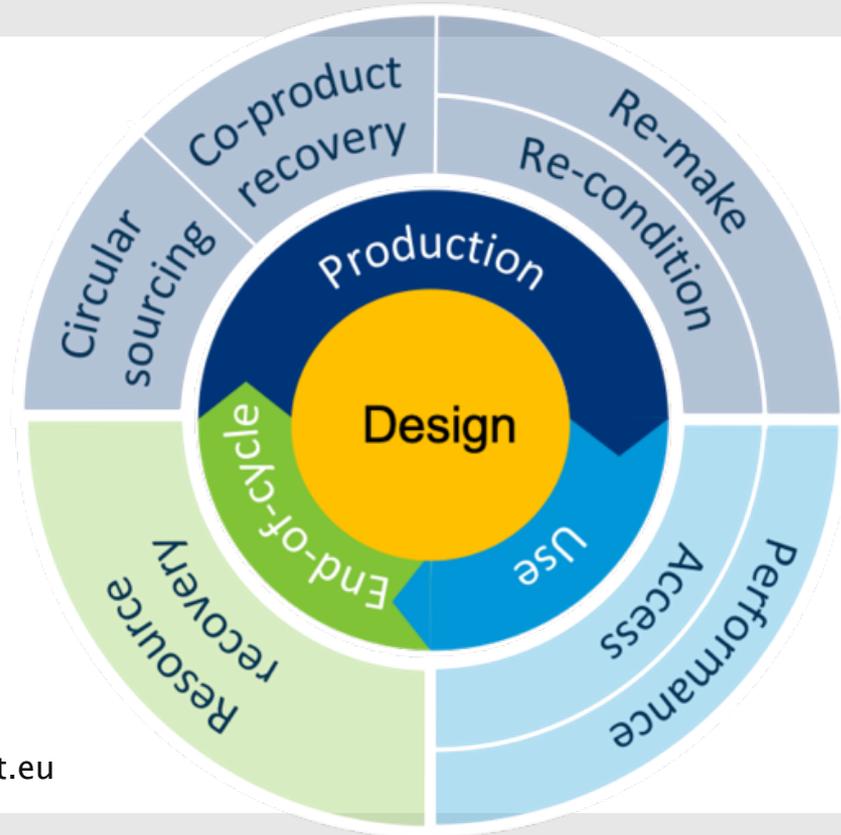
Source: Circle Economy

Dimensions of a circular city

Embedding the principles of a Circular Economy across all city functions and systems



How to increase circularity?



Source: www.r2pi-project.eu

Circular Economy pays off

The example of the Venlo city hall

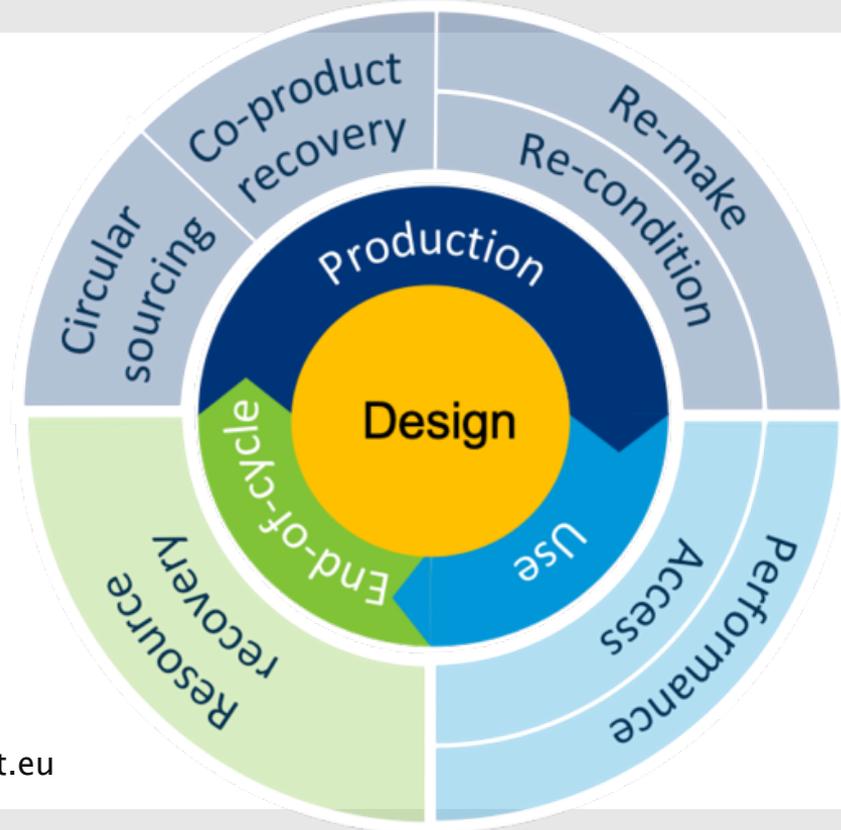
Overall impacts

- Positive business case of EUR 16,8 million in 40 years / positive cash flow after first year
- Significantly lower operating costs
- Building generates its own energy
- A helophyte filter purifies the grey water
- Indoor air quality better than normal outside air quality
- Green roof and facade purify 30% of fine dust and CO₂ in 500m radius
- Involvement of suppliers boosted product innovations
- Agreements in place for residual value and guaranteed take-back



Collaboration needed!

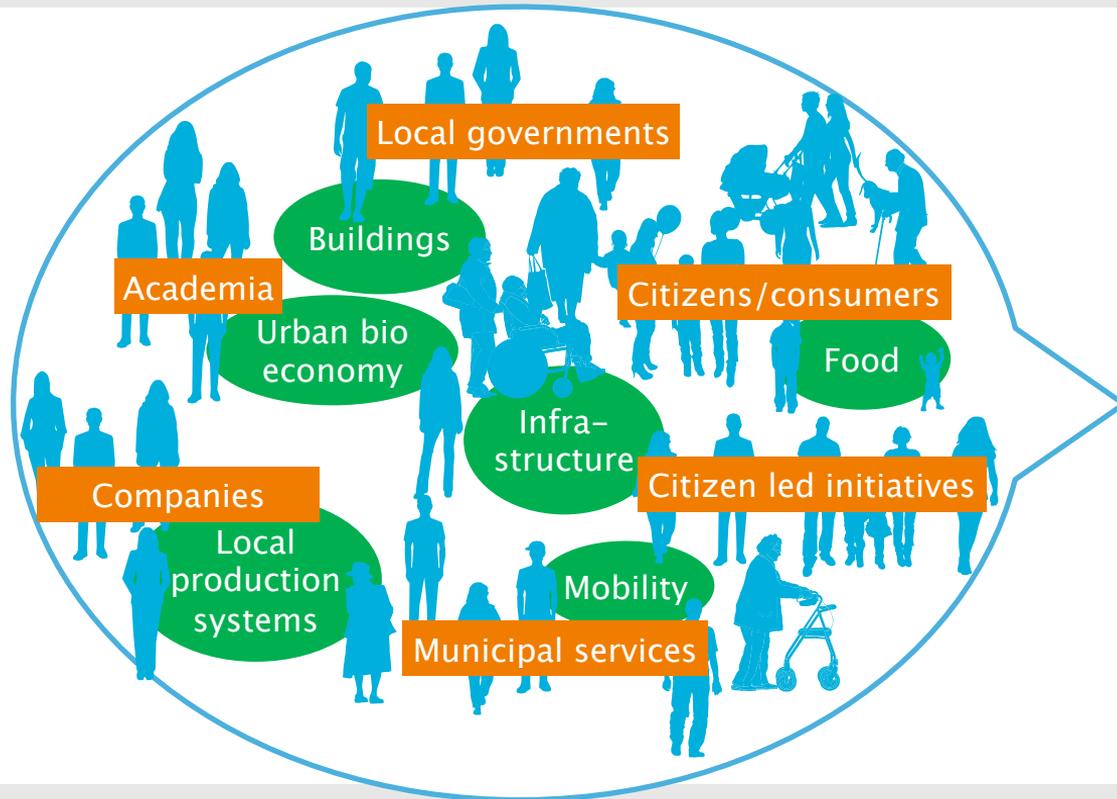
Many partners along the value chain, cross-cutting enablers and technologies etc.



Source: www.r2pi-project.eu

Let's build the networks!

Inside cities, between them and with other actors



Interlinking city agendas and plans



European Circular Economy Stakeholder Platform

We foster dialogues and solutions as part of the coordination group

Approaches

- Providing knowledge and identifying barriers
- Exchanging good practices
- Fostering policy dialogues

Examples

- Organizing and facilitating stakeholder discussions on circular economy and digitalization
- Driving and leading stakeholder actions on circular economy and consumer roles

For more information:

<https://circulareconomy.europa.eu/platform/>

