

Framing Circular Economy and CityLoops as an example of drafting a roadmap

Raimo Lilja, Circular Economy expert

Mikkeli Development Company Miksei Ltd, Finland

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Outline of key note speech

- ▶ Framing Circular Economy
- ▶ Circular Economy (CE) is more than waste recycling
- ▶ CityLoops/Mikkeli: lessons learned from drafting a CE roadmap for a city



Framing Circular Economy. (Cartoons with permission of Seppo Leinonen www.seppo.net)



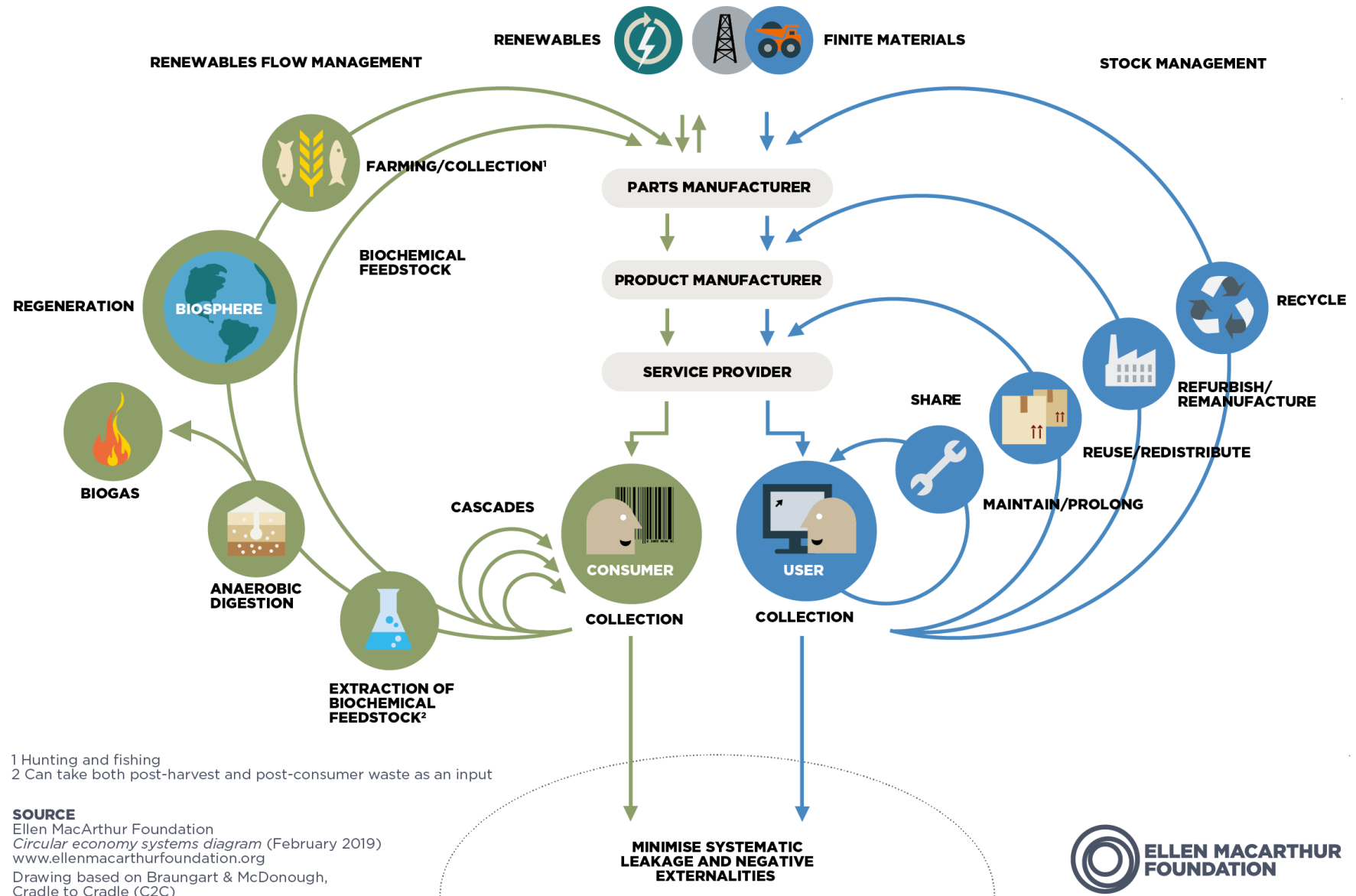


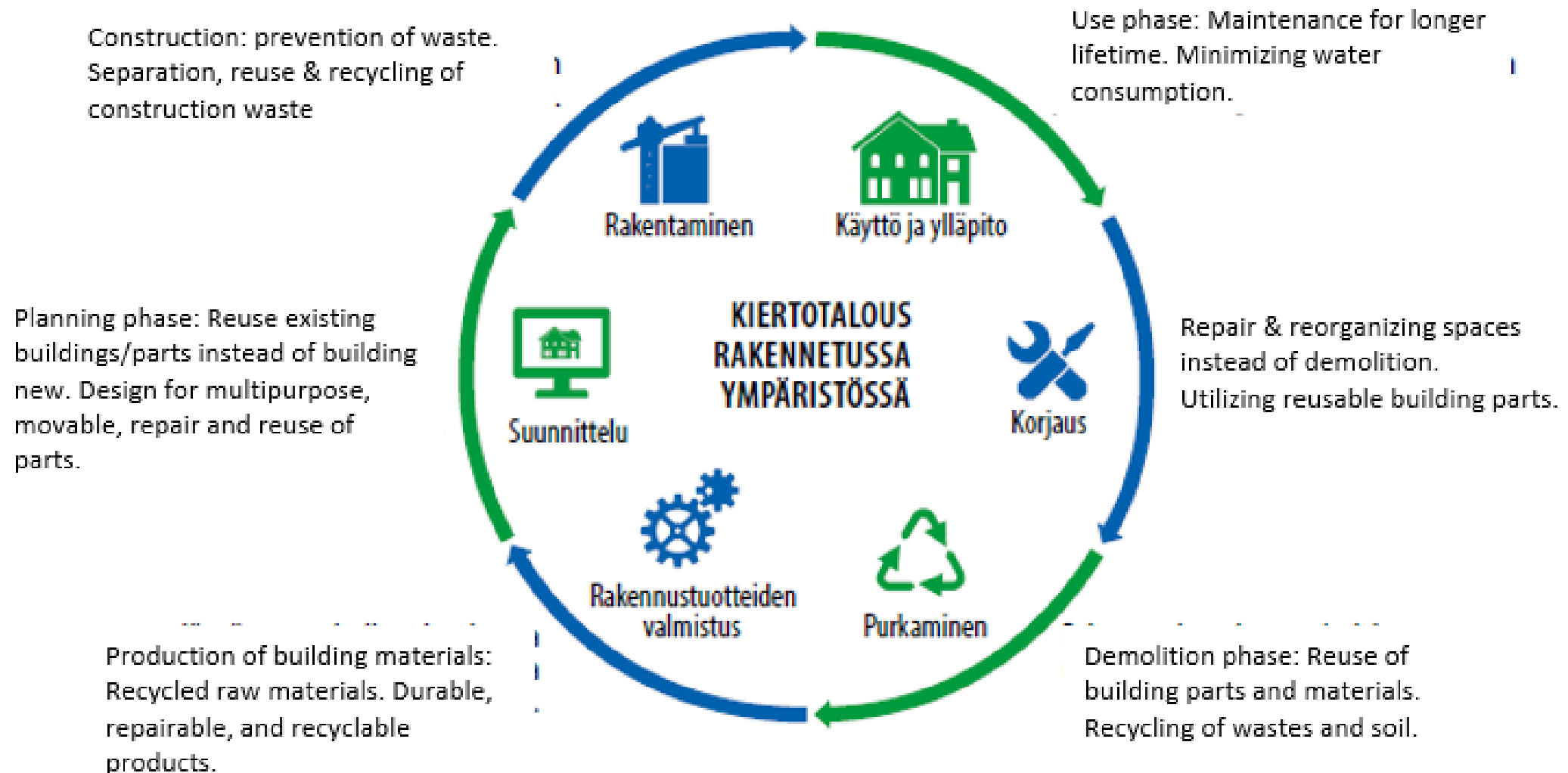
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Aspects of Circular Economy







Circular economy in the life cycle of buildings

source: Government of Finland. Strategic program for Circular Economy. Valtioneuvosto 2021:1

CityLoops contribution to Circular Economy (CE)

- ▶ CityLoops is a project funded by EU within the Horizon2020 programme
- ▶ Implemented 2019-2023
- ▶ 7 cities in 6 countries
- ▶ Focus on Construction/Demolition waste and Biowaste
- ▶ Ultimate goal: institutional change into Circular cities
- ▶ Learn more: <https://cityloops.eu/>

City Loops Map



CityLoops in Mikkeli:



1) Action research of the demolition process of two public buildings.

2) Interventions in the decision making processes of Mikkeli city to promote actions towards a Circular City



CityLoops/Mikkeli - lessons learned 1

- ▶ **Local demonstration projects** are important for identifying weaknesses in current processes and opportunities for new business cases and policy instruments -> culture of piloting new models
- ▶ Cities are crucial stakeholders in the transition towards Circular Economy
- ▶ Front-runner cities can facilitate local companies in their green transition, improving their competitiveness

CityLoops/Mikkeli - lessons learned 2

Institutional changes have to be backed by **strategic decisions** by political decision makers

- ▶ Progress achieved:
 - ▶ CE in construction and demolition was incorporated in the **municipal climate plan**
 - ▶ **Declaration of Circular Cities signed**
 - ▶ Circular economy selected as focal area in the **City Strategy 2022-2025**

CityLoops/Mikkeli - lessons learned 3

Public Procurement is a powerful instrument in promoting CE (or an obstacle) for example:

- ▶ Procurement of construction/remediation/demolition should include minimum requirement & quality criteria for CE
- ▶ Market engagement and innovative procurement cases to promote new business cases
- ▶ Monopoly of municipal waste company in CDW should be transformed to competitive bidding with circular criteria and cooperation in the Mikkeli industrial park















CityLoops/Mikkeli - lessons learned 4

From silos to coordinated action:

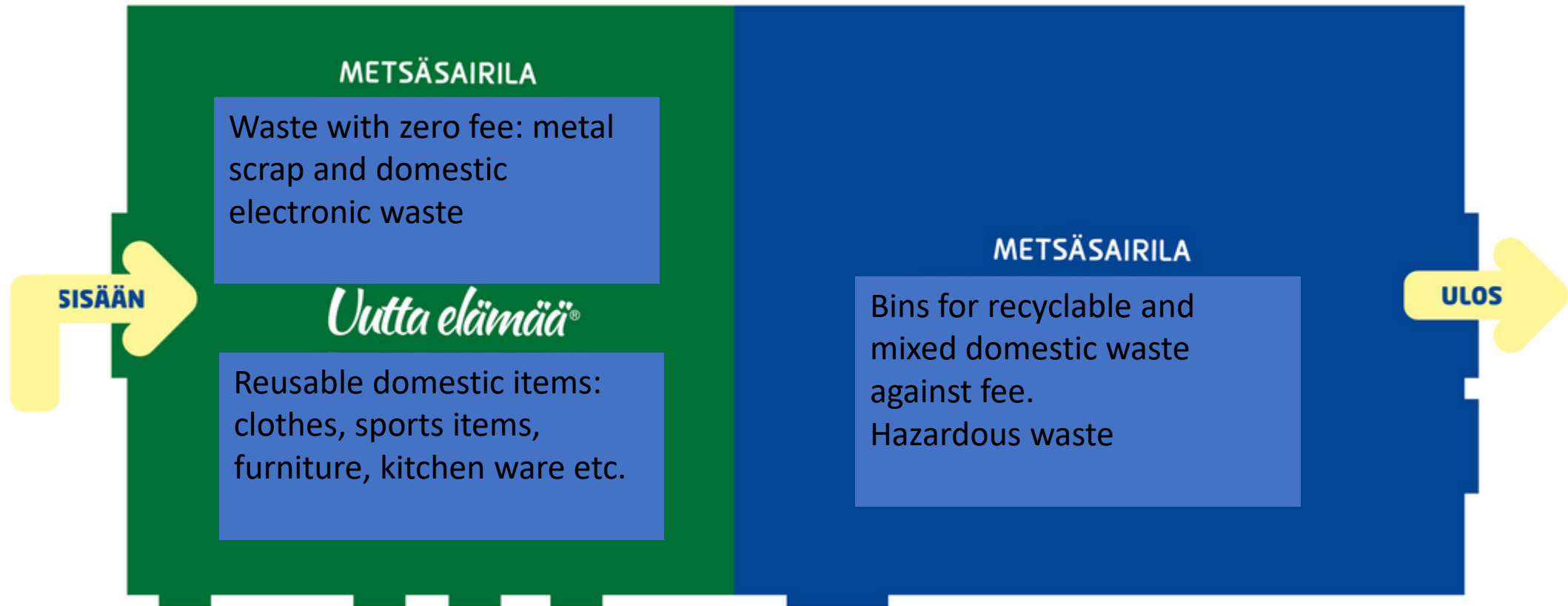
- ▶ Common understanding and road map for CE needed to coordinate actions of different departments & city owned companies
- ▶ Interaction between city and environmental, occupational health and building permit authorities
- ▶ Coordinated communication platform for CE information

CityLoops/Mikkeli - lessons learned 5

Engaging inhabitants and civil society:

- ▶ Annual circular economy event
- ▶ Providing reuse and recycling services
- ▶ Facilitate SMEs providing maintenance and repair services
- ▶ CE information hub for inhabitants/summer inhabitants

Combined Center for Reuse and domestic waste recycling center in Mikkeli



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KATSO LISÄÄ: www.mikkelinyt.fi

Pop-up event in Mikkeli 2022 for
promoting repair and
maintenance of household items





Project for promoting maintenance and repair services. CE in vocational education. Circular Economy for households



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