



CECI - Citizen involvement in circular economy implementation

Final dissemination event
6.6.2023 at 8:30 - 12:00 CEST
Lahti, Finland & online



<https://projects2014-2020.interreg-europe.eu/ceci/>

Next steps:
from circular economy roadmap to green transition
roadmap

Juha Hertsi 6.6.2023

PÄIJÄT-HÄME REGION

10 municipalities

205 000 inhabitants

Forerunner in waste management,
utilization of biological side streams,
environmental technology

Circular Economy Group



Regional group
of QH CE experts



Systematic
cooperation

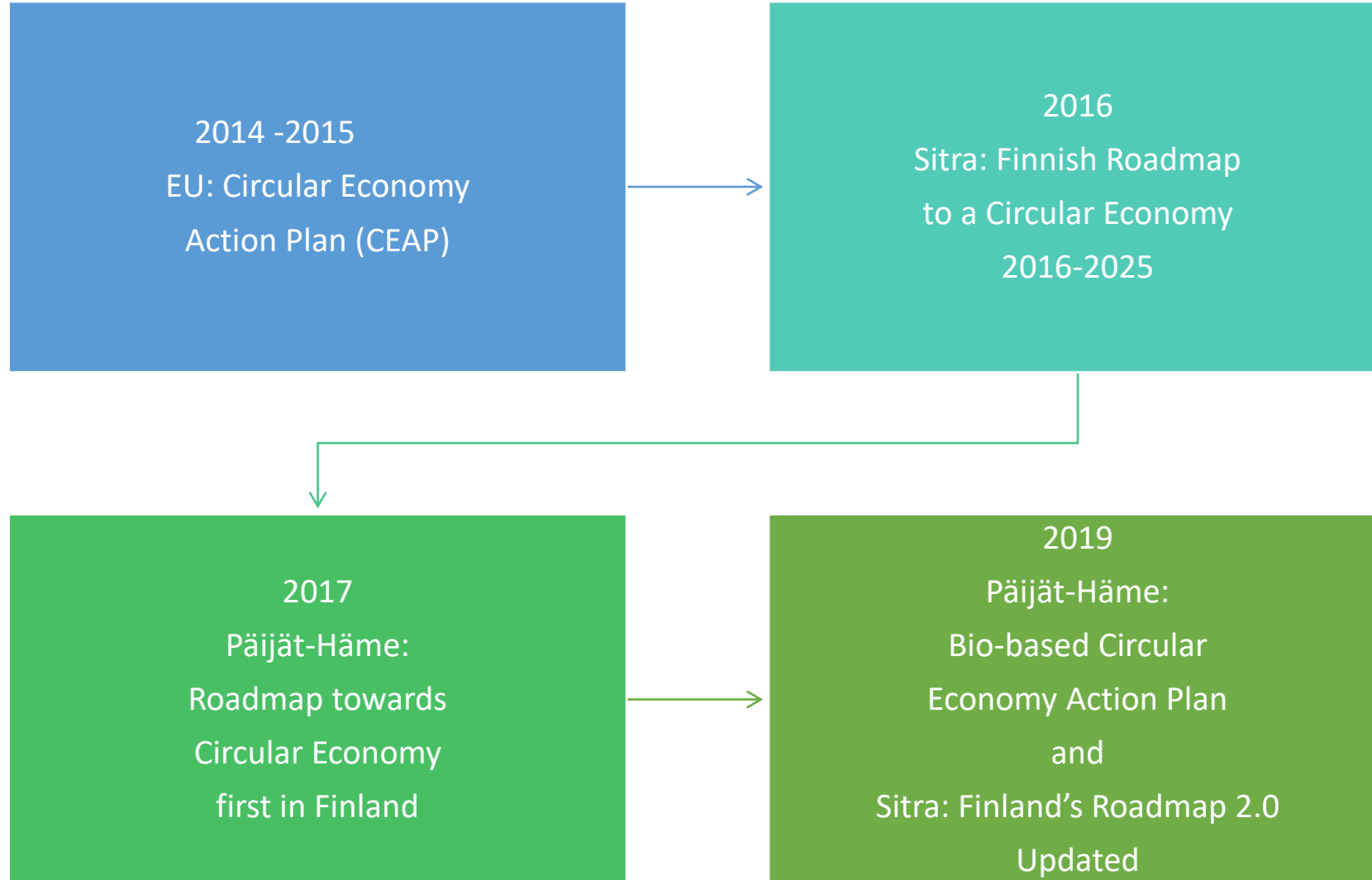


Exchange of
information,
ideas,
experiences



from circular economy roadmap to green transition roadmap

First Steps before 2020:



Päijät-Häme Roadmap Towards Circular Economy

The Päijät-Häme Regional Circular Economy Strategy, ie. The Circular Economy Roadmap, was published for the first time in 2017. It was compiled in collaboration with stakeholders in the region. The roadmap defines the objectives and actions for achieving a circular economy in the Päijät-Häme region.

The roadmap was supplemented in 2019 with the Päijät-Häme Bio-based Circular Economy Action Plan. The vision of the Päijät-Häme regional circular economy is "a success that

will not waste resources in 2030", to which the actions listed in the roadmap will lead if implemented.

In the roadmap, the measures are divided into five themes: **closed material loops, energy, bio circular economy, new consumption models** and **innovative solutions**. The following is a thematic presentation of planned activities and the good practices achieved.

ROADMAP »

TIMELINE »

NETWORK »

COORDINATION »

https://paijat-hame.fi/wp-content/uploads/2021/03/Roadmap_CE_eng.pdf



Themes and Goals



Closed Material Loops

Päijät-Häme region has many closed streams of technical materials and added value has been produced for wider streams.

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Energy

Päijät-Häme is nearly self-sufficient in energy production.

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Bio Circular Economy

The bio circular economy is a significant part of Päijät-Häme's business.

[READ MORE »](#)



New Consumption Models

New consumption models and changes in ownership are developing new business opportunities in Päijät-Häme.

[READ MORE »](#)



Innovative Solutions

Päijät-Häme is an open-minded region with numerous international references for piloting new solutions and incentives.

[READ MORE »](#)

[« RETURN](#)

New Consumption Models

Borrowing of Goods

Borrow
a drilling
machine
or a steam
cleaner
with the
library card

In the summer of 2020, loaning service of goods was opened in connection with the Asikkala library. Residents were given ideas on what items they would borrow and based on the wishes, the goods were collected as a donation to the library.

The goods lending office is freely available to all residents with the library card.

The operation was planned from the beginning so that it would become a permanent operation for the

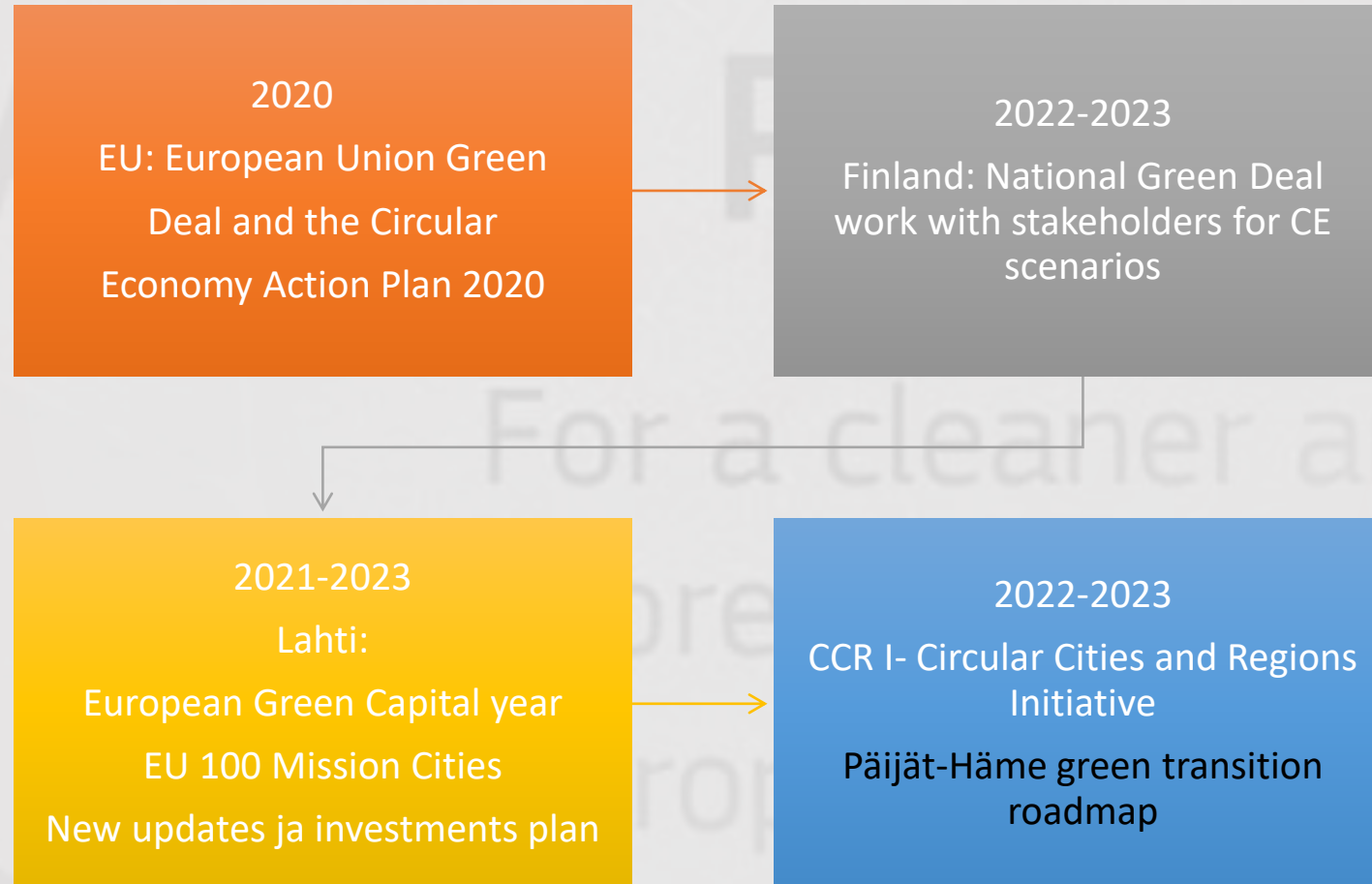
Asikkala Library. If necessary, the goods will be repaired or the selection will be updated with new donations.

A lending service based on a sharing economy helps reduce greenhouse gas emissions and increases opportunities for hobbies and domestic work among residents.

Interreg Europe Good Practice



New Steps since 2020:





National Green Deal work with stakeholders for CE scenarios

Stakeholders includes:

- research institutes, responsible ministries, municipalities, cities, counties, key industries and businesses.

Work is currently under way to establish whether any essential information is still missing for the scenarios, and to prepare for modelling. The scenarios will be published in late 2023.

In the key segments of the circular economy, six areas in need of change have been identified:

- Resource-wise buildings,
- Recycled earth and minerals,
- Resource-wise production and material flow,
- Sustainable consumption and the sharing economy,
- Resource-wise energy production and
- Renewable food chain.

These areas will form the green deal. The first area drafts are currently being prepared and the work continues until the autumn.

Päijät-Häme Green Transition Programme

GOALS

- 1) Carbon-neutral Päijät-Häme 2030,
- 2) Achieving a circular economy,
- 3) Preserving biodiversity. In addition to the objectives

SECTORS

Energy (EU Renovation wave for buildings?)

Transport

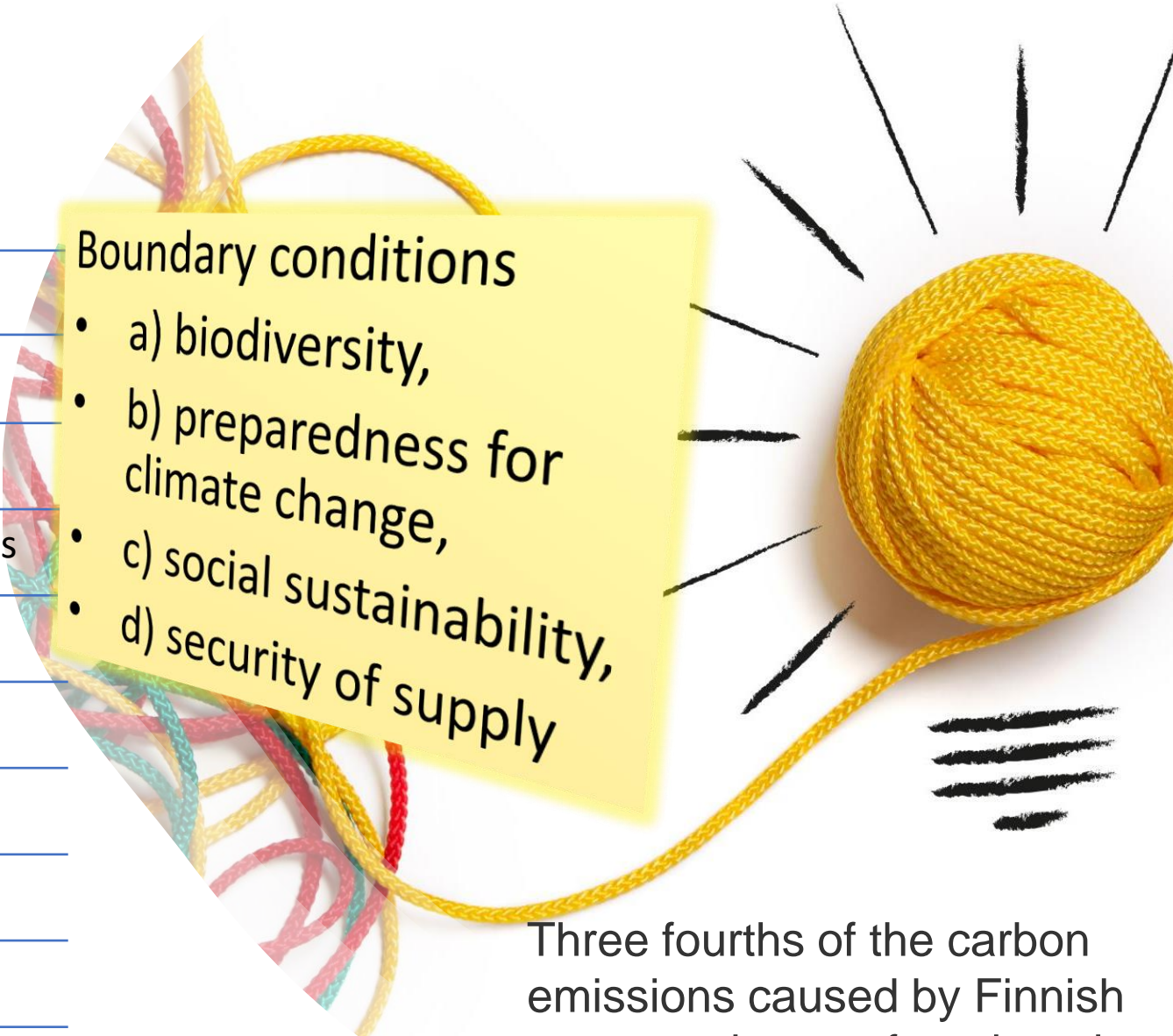
Material cycles

Forests and land use (EU's Nature Restoration Law?)

Sustainable food system

Boundary conditions

- a) biodiversity,
- b) preparedness for climate change,
- c) social sustainability,
- d) security of supply



Three fourths of the carbon emissions caused by Finnish consumption are from housing, transport and food



Next steps example

textile return fee (pledge), incentive for the new circular economy of textiles

- The environmental city of Lahti is the first in the world to try a textile deposit (a test of a deposit-based return system?)
- Does a small incentive speed up the circulation of textiles?

How does a textile pledge work?

- Citizen bring a bag of disposable textiles to the shopping center Trio pop-up collection point.
- The adviser person accept discarded textiles and in return gives a coffee ticket or an admission ticket to the city's summer swimming pool in exchange.



Kiitos! Thank you!



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