

Circular economy in South Karelia

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Circwaste - towards circular economy in Finland



Circular economy road map of South Karelia

Roadmap will be updated 2021

Technical cycles	Biodegradable and forest-based cycles	Smart services	Enablers of circular economy
Construction and mineral extraction	Forestry side streams	Sharing economy	Social inclusion of inhabitants
Energy efficiency, renewable energy, CO ₂ emissions	Nutrient recycling	Digital services	Collaboration between research, schools and companies
Recycling and waste management	New products and materials	Traffic and mobility	Public procurement and services

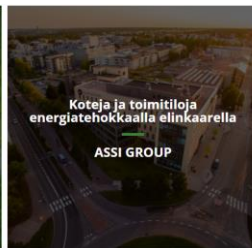
Regional cooperation in South Karelia

Regional cooperation group in the Circwaste project, since 2017

- Central circular economy actors in South Karelia
- Theme meetings, workshops, networking

Greenreality Network Lappeenranta

- Open network for companies in energy and environment sector, research organisations and municipalities in South Karelia
- Circa 50 members with 200 experts



Company presentations in www.greenreality.fi/network.



In June 2020 the Circwaste cooperation group visited the new **biogas plant** in Kukkuroinmäki waste centre. The plant uses organic waste from households and sludge from wastewater treatment plants.

Uniori - Lappeenranta Junior University

Collaboration between LUT University and City of Lappeenranta

- Included in the local curriculum
- Cover pre-school, school classes 3, 5, 8 and general upper secondary school
- Main themes: clean energy, circular economy and sustainable business and entrepreneurship
- Teaching and research material, workshops, multidisciplinary material, expert visits etc.

<https://www.uniori.fi/>



Project collaboration

Cooperation with other circular economy projects New project ideas and joint projects

For example...

- **Urban Infra Revolution UIR** – project leader: City of Lappeenranta
- **Cata3pult** - City of Lappeenranta
- **LaLaPete** - City of Lappeenranta
- **Ruokahävikki kuriin** – XAMK – University of Applied Science
- **Kierrätystä kyliin** – Saimaan Virta ry
- **Hinkua Etelä-Karjalaan!** – Cities of Lappeenranta and Imatra



Thank you!

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circwaste

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