

## RANKU 3 supports municipalities in nutrient recycling

Aiming at integrating nutrient-neutral activities into the municipal policy, the RANKU 3 project encourages municipalities to take part in the recycling of nutrients. The project produces information to support municipal decision-making, and shares practical examples and guidance.

The municipalities of Asikkala, Forssa, Ii, Kaarina, Marttila, Orimattila, Parainen and Ylivieska serve as examples in the project. Using themes selected by the municipalities, the steps of the RANKU operating model will be introduced to the organisations. This way, the municipalities will be able to take care of their own nutrient recycling in the future. Find out more about activities taking place in the municipalities here: [www.ymparisto.fi/ranku](http://www.ymparisto.fi/ranku) > [Kunnat](#) (link in Finnish)

As part of the Raki programme coordinated by the Ministry of the Environment, the RANKU 3 project implements the Bio-economy and clean technologies key project of Juha Sipilä's Government. The Centre for Economic Development, Transport and the Environment (ELY Centre) of Southwest Finland implements the project from 1 July 2018 to 31 December 2020 in collaboration with national and regional operators.



Nutrient recycling is comprehensive regional resource wisdom

## Find out more about the RANKU operating model!

[www.environment.fi/ranku](http://www.environment.fi/ranku)

Facebook:

[www.facebook.com/ravinneneutraalikunta](https://www.facebook.com/ravinneneutraalikunta)

RANKU guide for municipalities in the Doria database:

[www.doria.fi/handle/10024/166939](http://www.doria.fi/handle/10024/166939)



**NUTRIENT  
RECYCLING IN  
MUNICIPALITIES**

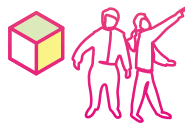
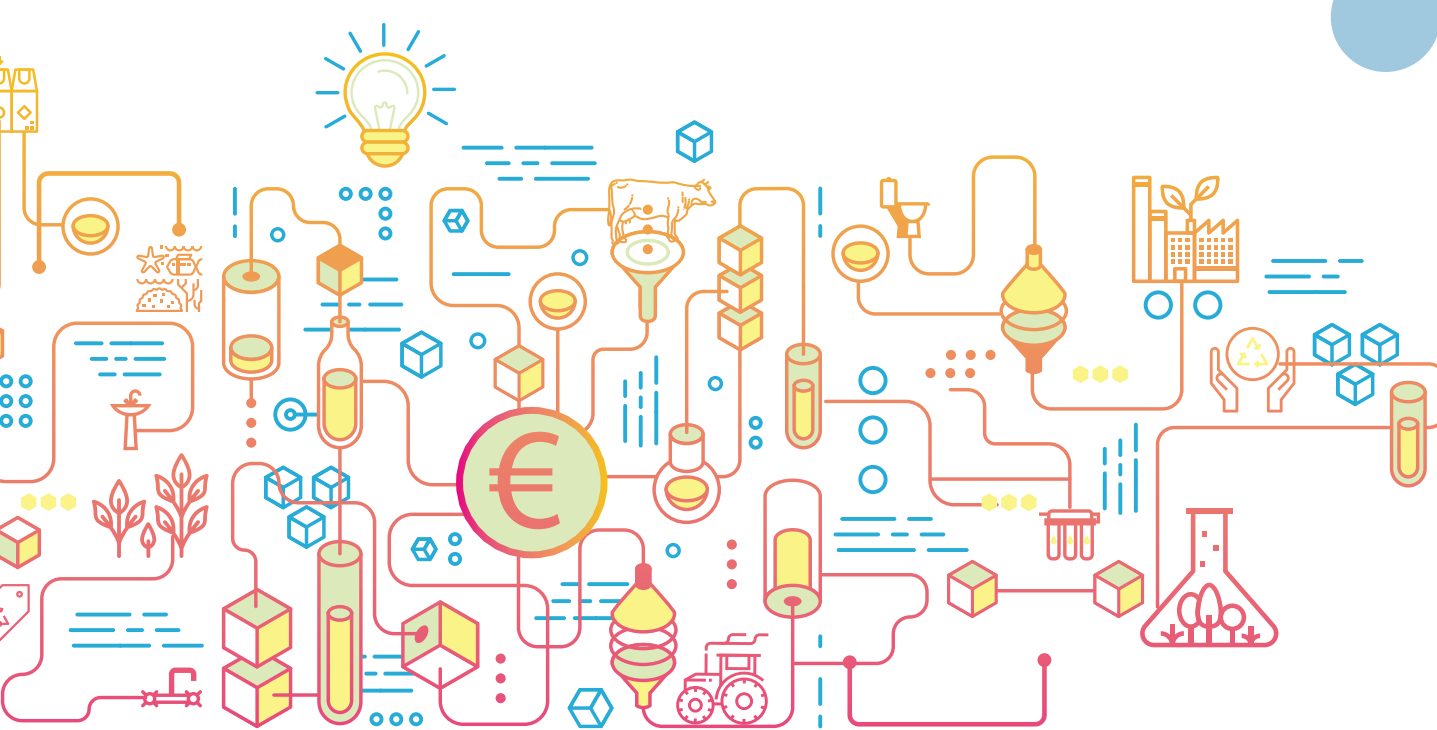
 Local and Regional  
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Centre for Economic Development, Transport and the Environment



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## Municipal sector is recognised as an important operator in nutrient recycling

Municipalities can lead the way in nutrient recycling as landowners in the agricultural and forestry sector, and by organising their services and procurements, to mention only a couple of examples.

Municipal companies operating particularly in water supply, energy management and the processing of waste and waste water are important partners in the promotion of nutrient recycling.

In addition to their own nutrient recycling operations, municipalities should be able to create operational environments which are attractive to business, and which enable sustainable development and the circular economy.

## Nutrient recycling in municipalities

By recycling nutrients, we can save energy used in nutrient production, reduce the use of non-renewable phosphorus and increase nutritional self-sufficiency. At the same time, the environmental impact will be reduced. This is also very important for our living environment and the well-being of people.

A well-planned recycling of nutrients that serves its practical purposes is also beneficial for business. [Nutrient recycling is comprehensive regional resource wisdom!](#)

## RANKU is an operational model for nutrient recycling in municipalities

Ranku provides an overview of nutrient recycling in municipalities, and makes it easier to understand its principles. Using examples, the operating model illustrates the path towards a sustainable use of nutrients and nutrient-neutral municipality.

A municipality can be considered Nutrient-neutral when it commits to the promotion of nutrient recycling in accordance with the operating model, and this materialises as joint activities of the municipality, businesses and other operators in the region.

