

EUROPEAN BIOECONOMY SCENE 2019

WELCOME TO HELSINKI 8–10 JULY 2019

EXCURSION: REGIONAL BIOECONOMY

Date: 10 July 2019

Location: Lahti

Time: 8.30–16.00

The excursion to the City of Lahti, about a one-hour drive from Helsinki, offers a chance to see some good practices in the bioeconomy and circular economy. The Päijät–Häme region is one of the bioeconomy clusters in Finland. It is also one of the regions in the BIOREGIO project financed by the European Union. The Bio-byproduct Committee of the Päijät–Häme Grain Cluster focuses on exploring opportunities to increase the efficiency of side streams from production. Other stops in Lahti include the Kujala waste treatment site with a recycling and reuse ecosystem and Stora Enso's innovative packaging factory.

Bus transport is provided for the day. We will return to Helsinki after the last stop and the bus will take participants to Helsinki Airport or back to the hotel.

A light lunch will be served during the excursion.

- 08.30 **Bus transport to Lahti**
- 09.30 **Bus arrives in Lahti**
Coffee
- 09.45 **Welcome to the City of Lahti, Päijät–Häme Region**
Lahti University of Applied Sciences, Mukkulankatu 19
Saara Vauramo – Environmental Director, City of Lahti
- 10.00 **Smart Specialisation in the Päijät–Häme Region — a road map towards the circular economy**
Juha Hertsi – Regional Development Manager, Päijät–Häme Regional Council
Kati Manskinen – RDI Director, Lahti University of Applied Sciences
- 10.15 **Sharing Good Practices in the Bio-based Circular Economy, BIOREGIO project**
Susanna Vanhamäki – RDI Specialist, Lahti University of Applied Sciences
- 10.30 **Good Practices: The Regional Grain Cluster**
Sanna Kivelä – Site Manager, Viking Malt
- 10.45 **Bus transport to the Kujala waste treatment centre**



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- 11.10 **Visit to Päijät–Häme Waste Management & LABIO: utilisation of biowaste streams — bio-based industrial symbiosis**
- Effective municipal waste source separation and recovery & Utilisation of biowaste streams - bio-based industrial symbiosis
- 12.10 **Bus transport**
- 12.30 **Lunch at Stora Enso Packaging**
- 13.15 **Visit to the centre for excellence for corrugated packaging — smart design for everyday packaging solutions**
- The centre of excellence for corrugated packaging was established in Lahti in 2018. At the centre, we will see how fossil-free, renewable, recyclable and compostable corrugated packaging material can be designed and produced for versatile application areas. The plant produces half of the corrugated board in Finland, mainly serving food and beverage industries. One of Stora Enso's DesignStudios is located at the plant. At the DesignStudio, packaging designers work together with customers and brand owners to find new solutions to serve customer needs, including enhancing the sustainability of packaging.
- One of the solutions developed at the plant is a fibre-based EcoFishBox. The packaging was developed for the fish industry to replace the previously used polystyrene boxes. It is waterproof and leak tight, due to a thin PET-film that is pre-laminated on the liner, and a special way of folding the package. The material is 100% recyclable. The EcoFishBox is delivered as a flat corrugated board sheet, and it takes up seven-times less space in storage and transport than the traditional polystyrene fish box. The packaging concept has received an award from the Nordic Scanstar packaging competition, and it won the Gold Sustainability Award in the global WorldStar packaging competition.
- 14.15 **Excursion ends, bus transport to Helsinki Airport or the hotel**

Latest version of the excursion programme is available at www.bioeconomy.fi/eubioscene19

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Ministry of Economic Affairs
and Employment of Finland