

## Case Descriptions of the Local Innovation Partnership in Satakunta, Finland



### Context

#### Local Innovation Partnership (LIP) in Satakunta, Finland

Satakunta region has an innovative food cluster with active cities and municipalities, companies, educational institutions and development organisations. The cluster forms good base for the improvement and development of sustainable food systems.

As a non-profit development company Prizztech is participating the food industry ecosystem in many themes. There are several expert organisations of food industry, water protection and the bioeconomy in Satakunta. One of the most important stakeholders is Pyhäjärvi-Instituutti, which coordinates food cluster substance matters and whose mission is to promote and develop research, further education and other development actions concerning food economy and environment sectors.

Another important actor is the co-operation network Satafood whose main goal is to develop food entrepreneurship, provide environmental services and to improve co-operation between organisations. Regional Council of Satakunta is the regional strategy owner and regional authority. The regional strategy states that bio- and circular economy is one of the important sectors of Satakunta region.

### Why

The goal of the Satakunta LIP is to develop a pilot, where the food cluster would have to find the best ways to utilise inland fish species which in the past were considered insignificant. The aim is to promote fish, but also new plant-based foods with nutritional value, quality and sustainability. The pilot concentrates on fish, seafood and other possible crops where water related challenges are important.

### What

- In KISMET project Prizztech Ltd. organizes the day-to-day work of the Satakunta LIP and invites Satakunta food cluster into pilot activities. The LIP activities include contacting all the relevant actors and keeping in touch with them in regular meetings.
- The Satakunta LIP will develop the pilot as part of its activities. Organizational/governance, supply and demand side perspectives are all considered.

### Who

#### Project Partner

- Prizztech Ltd

#### LIP Satakunta Contact:

**Sami Leppimäki** | +357 447105344 |  
[sami.leppimaki@prizz.fi](mailto:sami.leppimaki@prizz.fi)

#### Associated Organisation

- Regional Council of Satakunta

#### Other Stakeholders

- Pyhäjärvi-Instituutti
- Eura municipality
- SataFood
- Satakunta University of Applied Sciences

*With the KISMET project, Satakunta's food cluster is able to explore new ways to utilize local food raw-materials sustainably .*



## Piloting the KISMET project's

# Enabling Programme for Sustainable Food Environments

## 1 | Governance, integration, participation

### Optimizing communication strategies

- The pilot will gather all the relevant actors together to develop joint piloting and testing.
- New kind of cooperation model is developed to get municipalities, expert organisations, and companies into cooperation.
- The objective of the pilot is to combine different capabilities into one joint development effort.
- The task is to tackle technical hurdles, economic requirements and environmental concerns and develop a new concept for ecologically sustainable, commercially viable and technically feasible utilisation of insignificant inland fish.
- The new concept would meet the needs of circular economy.

## 2 | Demand-side (drivers for sustainable consumption)

### Environmental labels: To show the real emissions of food products

- Demand side drivers are supporting the idea of local sustainable fish products.
- There is a growing demand for fish and seafood products which were considered so called junk fish in the past.
- Fish species which were considered insignificant are now desired for nutritional value, quality and sustainability.
- The demand of fish, seafood and new plant-based products is studied in the pilot and profitability is then estimated.
- Wild fish is a very promising raw material from environmental viewpoint as it helps to fight against the eutrophication of waters.

## 3 | Supply-side (drivers for sustainable production)

### Roadmap for production-/supply side drivers

- For the pilot, the food cluster would have to find the best ways to develop fish and seafood products and other possible crops where sea environment and water related challenges are overcome.
- This requires water related knowledge and insight, which expert organisations like Pyhäjärvi-Instituutti could provide.
- The location will be selected so, that old industrial infrastructure is utilised for new use.
- Also, other supporting infrastructure must be available as laboratory services, energy and waste heat aspects and automation solutions are developed.