



## Actions in a nutshell

-  **Improving water quality and reducing nutrient load**
-  **Developing the fishing industry**
-  **Maintaining natural values**
-  **Improving opportunities for recreational use**
-  **Information and communication**
-  **Grants**
-  **Research and monitoring**

### Basic information about the operating area:

- Surface area of the drainage area 719 km<sup>2</sup>
- Agricultural areas 31%
- Peatland areas 11%
- Forests 54%
- Length of the Eurajoki 52 km
- 10 rapids, power plants at four of them

The operating area of the JOKIprogramme stretches over the municipalities of Eura, Säskylä and Eurajoki as well as the City of Rauma. The main water course of the area is the Eurajoki, which has its origin in Lake Pyhäjärvi of Säskylä and runs into the strait of Eurajoensalmi in the Bothnian Sea. The most significant tributaries running into the Eurajoki are the Köyliönjoki and the

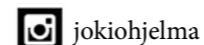
Juvajoki. The largest lakes in the area are Köyliönjärvi and Turajärvi. In addition, there are a few smaller lakes. According to the ecological classification, the water bodies are mainly in moderate condition. Lake Köyliönjärvi is eutrophic, and its ecological status is poor.

The nutrient load to the water bodies originates from agriculture and forestry, waste waters and peat production. The Eurajoki is used as a source of raw water for the production of drinking water and by industry. The Eurajoki is a regulated river with four dams for power plants. In two of the dams, fish passes have been built. The water bodies of the area have a significant recreational value for both permanent and part-time residents.



The programme was established by the municipalities of Eura, Eurajoki and Säskylä, the City of Rauma, JVP-Eura Oy, Jujo Thermal Oy and the Pyhäjärvi Institute.

Please find more information about the JOKIprogramme at



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## 2017-2021

The goal of the JOKIprogramme is to enhance the protection and improvement of water quality in the operating area.

**The goal of the JOKIprogramme is to enhance the protection of water resources in the operating area and to improve water quality.**

The operating area of the programme is the Eurajoki drainage basin downstream of Lake Pyhäjärvi of Säkylä, including the river channels and lakes flowing into the Eurajoki. The first term of the programme, established on a voluntary basis, begins on 1 January 2017 and ends on 31 December 2021.

**The goal of the programme is:**

- to enhance the water management programmes and to continuously protect and improve the water quality in the operating area
- to develop the potential for recreational use
- to develop fisheries
- to increase the environmental consciousness of all actors in the catchment area and to strengthen the appreciation of the water bodies in the area
- to maintain the important natural values of the water bodies
- to secure the quality of raw water for drinking water production and industrial use.

**IMPROVING WATER QUALITY AND REDUCING NUTRIENT LOAD**

The JOKIprogramme operates in all sectors to improve water quality in the operating area. In all restoration projects of the water bodies, the most important issue is to first reduce the external load of nutrients. Utilising the most recent research results and supported by a wide cooperation network and initiatives, the water protection measures of the JOKIprogramme in agriculture and forestry are carried out cost-effectively focusing on the right sites. The programme provides expertise and consultation in the waste water management of industry, municipalities and sparsely populated areas.

**DEVELOPING THE FISHING INDUSTRY**

The long-term goal of the JOKIprogramme is to restore a vital anadromous fish stock in the Eurajoki and its river branches. Passages for fish and a suitable environment for reproduction in the river network will be developed in cooperation with authorities and the owners of the water areas. The aim is to improve the structure of fish stocks in the lakes by the right kind of fishery management. Research and surveys provide information on the development and the state of fish stocks in the area.

**MAINTAINING NATURAL VALUES**

The programme area includes valuable wetlands for birds, Natura 2000 sites, mire reserves and other protected areas. It is important to safeguard these areas for future generations. The JOKIprogramme cooperates with the authorities and local associations to maintain the natural values.

**IMPROVING OPPORTUNITIES FOR RECREATIONAL USE**

The water bodies, waterways and pure natural environment of the area offer many recreational opportunities for residents and tourists. The programme supports the development of the infrastructure for recreational purposes as well as increases the recreational value of the area for the benefit of local people and nature tourism.

**INFORMATION AND COMMUNICATION**

Residents' awareness of water protection and positive attitudes towards a long-term water protection programme will be increased by providing information about the practical activities related to the JOKIprogramme and the current condition of the water bodies in the area. Public awareness of natural values will be increased by producing information material about the water bodies and nature sites for the residents. The programme is present in the social media and actively participates in various events in the area. Working groups to support the JOKIprogramme are established in cooperation with local residents.

**GRANTS**

The JOKIprogramme provides awards and scholarships to children and young people, in particular, in order to increase their interest in water protection.

**RESEARCH AND MONITORING**

Research and monitoring are an important part of the everyday work of the JOKIprogramme. Continuous feedback from research and monitoring helps to select the right concrete measures for each site. The mission of the JOKIprogramme is to make the results of the studies available in a popularised way for everyone.

# Actions

