

## **Practical actions for holistic drainage management for reduced nutrient inflow to Baltic Sea (NUTRINFLOW)**



Programme Priority: P2 Sustainable use of common resources

Programme Specific Objective: 2.4. Reduced nutrients, hazardous substances and toxins inflow into the Baltic Sea

Sub-programme: Central Baltic

Duration: 01.09.2015 - 28.02.2019

Total funding: 1.763.962 EUR

ERDF funding: 1.389.058 EUR ERDF

### **Project Summary:**

The project NUTRINFLOW aims at reducing nutrient losses from agriculture to the immediate watershed and into the Baltic Sea. The idea is to take practical actions for holistic drainage management for reduced nutrient inflow to the sea. This is done by implementing, demonstrating and increasing the recognition of innovative water management measures in agricultural areas.

The project activities focus on pilot areas in Finland, Latvia and Sweden under pressure by agricultural nutrient losses. The project implements targeted demonstration investments to the fields and to the drainage network in cooperation with municipalities and farmers as the main target groups. Through the investments, the project expects to reduce nutrient losses from agriculture in three priority regions.

As a result of the project the nutrient inputs to the Baltic Sea is decreased whereas the attractiveness and feasibility of holistic water management approach for agricultural catchments across the Central Baltic Region is increased. All in all, the project connects local authorities and farmers in a unique way and demonstrates a cross-sector approach in sustainable agriculture and management of ecosystem resources. The project is the first full-scale project under the EU

Strategy for the Baltic Sea Region flagship project “Flow Baltic” through which it will gain region-wide visibility.

## Map of Partners



## Partners

Lead Partner

### **ProAgria Etelä-Suomi ry**

**Country:** FI

<http://etela-suomi.proagria.fi/>

**Partner budget:** 579.988 EUR

**Amount of ERDF funding:** 434.991 EUR ERDF

Project Partners

### **Zemgales Plānošanas reģions**

**Country:** LV

[www.zemgale.lv](http://www.zemgale.lv)

**Partner budget:** 247.391 EUR

**Amount of ERDF funding:** 210.282 EUR ERDF

## **Zemnieku Saeima**

**Country:** LV

[www.zemniekusaeima.lv](http://www.zemniekusaeima.lv)

**Partner budget:** 171.626 EUR

**Amount of ERDF funding:** 145.882 EUR ERDF

## **Latvijas Lauksaimniecības universitāte**

**Country:** LV

<http://www.llu.lv/>

**Partner budget:** 102.020 EUR

**Amount of ERDF funding:** 86.717 EUR ERDF

## **JTI - Institutet för jordbruks- och miljöteknik**

**Country:** SE

[www.jti.se](http://www.jti.se)

**Partner budget:** 251.048 EUR

**Amount of ERDF funding:** 188.286 EUR ERDF

## **Länstyrelsen Östergötland**

**Country:** SE

[www.lansstyrelsen.se/ostergotland](http://www.lansstyrelsen.se/ostergotland)

**Partner budget:** 190.803 EUR

**Amount of ERDF funding:** 143.102 EUR ERDF

## **Loviisan kaupunki**

**Country:** FI

[www.loviisa.fi](http://www.loviisa.fi)

**Partner budget:** 56.588 EUR

**Amount of ERDF funding:** 42.441 EUR ERDF

## **Nylands Svenska Lantbrukssällskap**

**Country:** FI

[www.nsl.fi](http://www.nsl.fi)

**Partner budget:** 24.666 EUR

**Amount of ERDF funding:** 18.500 EUR ERDF

## **Jelgavas novada pašvaldība**

**Country:** LV

[www.jelgavasnovads.lv](http://www.jelgavasnovads.lv)

**Partner budget:** 139.833 EUR

**Amount of ERDF funding:** 118.858 EUR ERDF

Associated Partners

## **Vreta Kluster**

**Country:** SE

## **Results**

### **Expected results**

1. Demo sites with pilot investments. These provide direct improvements in water management in the pilot areas and reduced nutrient losses (phosphorus and nitrogen with local variations). Ultimate nutrient reductions to the Baltic Sea from the pilot areas attributed to the project measures are not possible to verify over the projects life time, but the project will use baseline data, modelling, monitoring and reference areas with no measures implemented to verify the impact. Acceptability, implementability and multifunctionality are additional criteria for the measures implemented; 2. Local innovation and action groups stimulating voluntary action and entrepreneurship in water management; 3. Synthesis of lessons to allow for a broader national and international dialogue and transfer of the results to generate concrete projects in other areas across the BSR; 4. Increased awareness among farmers, advisors and municipal authorities and services on drainage techniques and approaches to integrate field and basic drainage measures - lowering the barriers for execution of sustainable drainage management and combination of environmental and production benefits; Other results: 5. International network for information, knowledge and experience exchange for practical application in planning, targeting and implementing measures in the new Rural Development Programme 6. Tools for landowners to verify benefits of measures 7. Enhanced development of technical solutions for regulating drainage water 8. A "Business plan" for activating landowners, drainage associations and other comparable local groups for holistic water management

9. Innovation competition for university students 10. Country specific recommendations for administration 11. Updated and connected databases (e.g. WikiSCIEN, national drainage maps)

## **Achieved results**

## **Project Visibility**

### **Social media links**

[Webpage](#)

[Facebook page](#)

### **Other media visibility**

[Loviisan sanomat](#)

[Zemgales Zinas](#)

[Jelgavniekiem](#)

[Zemgale.lv](#)

[nutrinflow.eu](#)

### **Project videos**

<https://www.youtube.com/watch?v=fq6uVMnjnJM>  
<https://www.youtube.com/watch?v=07FQ69zjhfQ>  
<https://www.youtube.com/watch?v=hcq6yQvuzsw>

**Source URL:** <http://database.centralbaltic.eu/printview/40>