

# Gammelbacka stream & River Porvoonjoki

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*Waterdrive*

A horizontal graphic element consisting of a blue line on top, a green line in the middle, and a yellow line on the bottom, all tapering to the right.

 **Interreg**  
Baltic Sea Region



# Objectives of the pilot case

- Practical testing of catchment area activity model, activity model improves the implementation of measures and methods of holistic water management (the production of agriculture, fisheries and biodiversity)
- Improve national communication methods with advisory organizations (holistic water management)
- Improve cooperation with different parties (municipalities, authorities, ministries, water protection associations, planners, researchers, contractors, farmers)
- Improve holistic catchment area restorations (the production of agriculture, fisheries and biodiversity, urban runoff and recreational values)



Kuva 18. Mustijoen syksyllä 2012 noussut meritaimen.



# Stakeholders to be involved and their roles

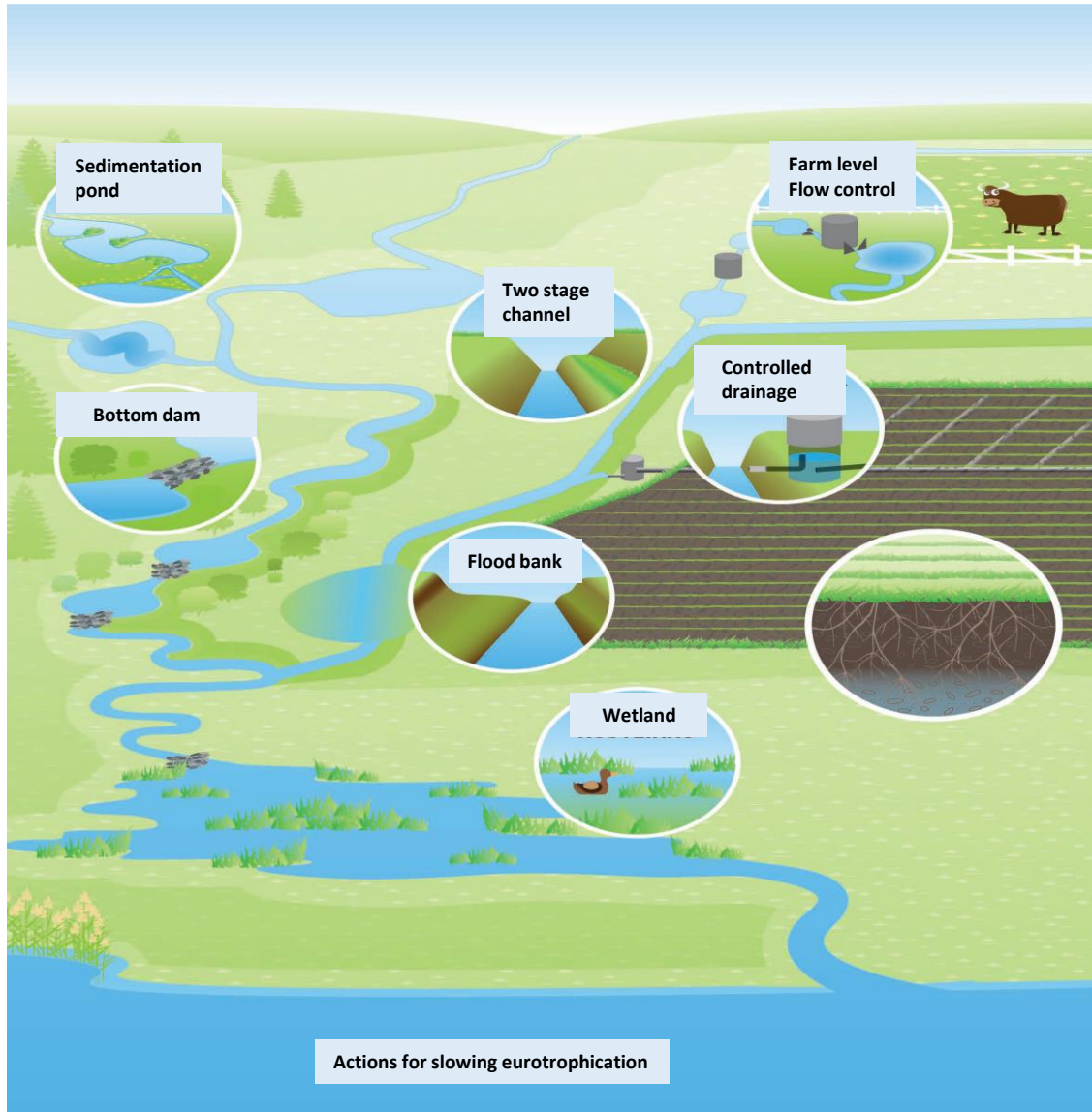
- **Ministries** (political strategies, to improve the implementation of actions and methods of holistic water management with other stakeholder groups)
- **Local authorities** (supervisory authority, to improve the implementation of actions and methods of holistic water management with other stakeholder groups)
- **Municipalities** (supervisory authority, informing and steering in agricultural, technical and environmental sector, to improve the implementation of actions and methods of holistic water management with other stakeholder groups)
- **Spatial planners** (to provide practical applications and methods to optimize the targeting of the holistic measures to the loading areas)
- **Water protection associations** (to improve the water protection and habitat restorations in the area with other stakeholder groups)
- **Advisory organizations and planners** (the link between farmers and other stakeholder groups, provide knowledge on the implementation and practical planning of measures, to improve the implementation of actions and methods of holistic water management in the area and with other stakeholder groups)
- **Researchers** (to provide knowledge on the effectiveness and targeting of holistic measures, discussions for suitable solutions)
- **Farmers** (to improve the implementation of actions and methods of holistic water management in their own lands, to provide information on the implementation of measures, improving the efficiency of farming areas)
- **Drainage corporate bodies** (maintaining of the ditches, organization for those land owners that gets benefit or profit of the drainage, information channel for farmers for actions and methods of holistic water management )
- **Contractors** (to provide information on the implementation of measures)
- **River Porvoonjoki implementation committee** (information channel for all stakeholders, meetings)

# Expected results of the pilot case

- Improve cooperation with different parties (municipalities, authorities, ministries, water protection associations, planners, researchers, contractors, farmers)
- To provide knowledge on the effectiveness and targeting of holistic measures
- To provide information on the implementation of measures
- To provide knowledge on the practical planning of measures
- To provide information of practical applications and methods of spatial analysis for targeting the holistic measures to the loading areas



# Catchment area activity model



## How to prevent the floods and outflow of solid matter and nutrients in catchment area nationally:

- National implementation strategy / plan
- Risk and flood areas analysis and measurements
- Information system to farmers → **Focus the actions to problematic areas systematically**
- Reorganizations of drainage corporate bodies
- Holistic actions from field level to ditches, the rivers, lakes and sea **systematically** → Basic drainage, local drainage and environmental water management
- Implementation committees = Cooperation with authorities, municipalities, foundations, associations, designers, contractors, researchers, advisers, farmers and landowners.