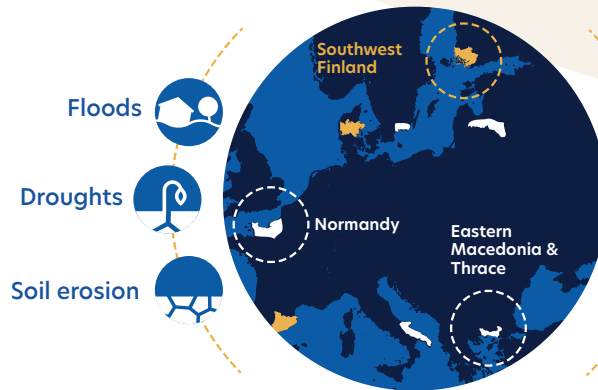


Southwest Finland

Main challenges



Demo sites

Main focus in RESIST

Southwest Finland will be testing and implementing **innovative solutions for its main climate change-related challenges**. The **demonstration** will be carried out in three pilot sites:

- **Two in the city of Turku** - the regional capital - on renovating and upgrading the stormwater infrastructure with a nature-based

solutions lens in the Rauvolanlahti residential area and the Oriketo industrial area.

- **One in the basin of the river Savijoki**, nudging landowners to more sustainable water management including NBS and a multi-beneficial water retention plan at the level of the watershed.

Goals

- Multi-beneficial watershed planning integrating process for building capacity and engaging stakeholders.
- Better understanding of the benefits of NBS for water retention and raising awareness.
- Engaging citizens and landowners in the co-creation of the planning and implementation of the activities.
- Better spatial regulation for water retention and infiltration and better financing for NBS.

Main achievements so far

- **Collection of data for Rauvola bay** as a baseline for the development of the future drainage basin-based stormwater plan; data collection and first meetings to engage the companies of the **Oriketo district**, site visits and landowner meetings outlining key characteristics of the river basin as well as the landowners interest and insight to climate change impact and adaptation at the **Savijoki river basin**.
- **Benchmark analysis of regulatory measures:** quantification of the key metrics related to stormwater and green infrastructure from the building permits + comprehensive notations concerning stormwater-related aspects in the plans.

Innovations

NBS in regulation
Promoting the inclusion of nature-based solutions (NBS) requirements in buildings and construction.

Digital Modeling
Visualizing the impacts of implementing nature-based solutions (NBS) through digital models.

NBS in buildings
Promoting the inclusion of nature-based solutions (NBS) in regulatory measures.

Consortium

