

**Interreg**  
**ITALIA-SLOVENIJA**



Fondo europeo di sviluppo regionale  
Evropski sklad za regionalni razvoj



# GREVISLIN

Green infrastructure, conservation and improvement of the status of endangered species and habitat types along rivers

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# ABOUT THE PROJECT

ACRONYM	GREVISLIN
Key action	Priority Axis 3: Protecting and promoting natural and cultural resources
Strategic theme	NATURA 2000 IN ZELENA INFRASTRUKTURA
Project duration	15.11.2018 - 14.11.2021
Total budget	2.940.032,53 EUR
Financing	85% ESRR
Programme	Interreg ITALIA-SLOVENIJA

# PARTNERSHIP

- 14 partners - 7 from Slovenia, 7 from Italy
- Lead partner: Regional development agency of Northern Primorska Ltd Nova Gorica
- Municipality of Ajdovščina, Municipality of Nova Gorica, Institute for Water of the Republic of Slovenia, Slovenian Environment Agency, Institute of Agriculture and forestry Nova Gorica, Municipality of Postojna
- Autorità di bacino Distrettuale delle Alpi Orientali, Regione Autonoma Friuli Venezia Giulia, Agenzia Regionale er la Protezione dell'Ambiente del Friuli Venezia Giulia, Consorzio di Bonifica Pianura Isontina, Municipality of Staranzano, Regione del Veneto, Agenzia Veneta per l'Innovazione del Settore Primario - Veneto Agricoltura

# ASSOCIATED PARTNERS

- **Municipality of Izola** (Project „Facility point ADRION“ - cooperation in the project will enable to transfer good practices and experiences in area of environment protection and green infrastructure to ADRION programme area.)
- **Ministry of the environment and spatial planning** (Will contribute to the project GREVISLIN with suggestions and directions to achieve goals of water management. Ministry will try to implement project deliverables also to other flood areas in Slovenia.)

# MEANING OF THE PROJECT

- Long-term cross-border strategic planning for the development and protection of green infrastructure.
- Long-term monitoring of water status and biodiversity of habitats.
- The implementation of pilot activities and investments in setting up green infrastructures in the NATURA 2000 region.
- Raising awareness among target groups about the importance of sustainable water management, protected areas, forest and agricultural land.

# MAIN AIM OF THE PROJECT

The main overall aim of GREVISLIN project is to develop a sustainable integrated cohesive cross-border area with a clear long-term strategy in the area of green infrastructure management, awareness raising and implementing measures for sustainable cross-border development.

# RESULTS OF THE PROJECT

- Pilot implementation of long-term strategic planning for development and protection of green infrastructure and ecosystem services.
- Cross-border monitoring of water status, which will affect the improvement of species and habitats in Natura 2000 sites.
- Training and raising awareness of target groups.

# IMPLEMENTATION

1. Long-term plan of green infrastructure along Soča, Vipava and other river basins
2. Development and implementation of a system of ecological and natural monitoring of the trans-national basins of the Soča and Vipava
3. Environmental pilot activities in NATURA 2000 areas of transnational river basins, awareness raising and education



# LONG-TERM PLAN OF GREEN INFRASTRUCTURE

List of priority actions for implementing green infrastructure, improving ecosystems of water and ecosystems in Natura 2000 sites:

- appropriate **agricultural practices** to achieve the objectives of environmental protection and nature conservation,
- **foreign species of fish** as an opportunity to improve Natura 2000 waters and ecosystems and contribute to future sustainable development,
- **pilot activities**: an overview of the existing situation and a gap analysis, an inventory of green infrastructure, identification of ecosystem services in the Vipava, Soča and Livenza basins, priority measures for the development of green infrastructure.

# OTHER ACTIVITIES WITHIN GREVISLIN

- Proposal for a common approach for monitoring the ecological and chemical status of waters,
- Analysis of fish communities,
- Monitoring the ecological and hydromorphological quality of the Soča River,
- The development of a virtual model of a smart farm,
- Development of tools for agrotechnical management to promote sustainable agriculture.

# INVESTMENTS

- **Construction of a dyke** in the area of **Ajdovščina** municipality for controlled spillage of water onto the spillway and the establishment of spillage surfaces. The investment will contribute to the preservation and improvement of biotically very rich habitats along the Vipava River.
- **Removal of a dike** in the area of **Vipava** municipality with the aim of improving habitats and species and ecosystem services. The investment will create spill areas on the Vipava field.
- Establishment of an **information-interpretation point** at the **Rihemberk Castle**. Infotočka will be introduced to learn the wealth of Nature 2000.
- **Arrangement of public infrastructure** at the entry point **Lijak**, regulation of the parking lot and greenery. The purpose is to redirect visitors away from sensitive Natura 2000 sites.

- The **greenery** of the **Renče banks**, which addresses the green corridor in the area of preserved meanders in the lower stream of the Vipava River.
- The **Municipality of Postojna** will invest in the regulation of the **footpath along the Pivka River**, which will regulate the green infrastructure on the edge of the Natura 2000 area and shift the visit to the biotic-less vulnerable areas.
- **Adjustment of the dam in Sagrado**, which provides a return to the natural state of the river for the benefit of the entire habitat and fish community.
- An investment on the **Livenza River** will **remove the invasive plants** that have expanded due to negligence along the banks and embankments. The intervention will prevent the fragmentation of the ecosystem leading to erosion of ecological diversity.

# ADDRESSING GREEN INFRASTRUCTURE

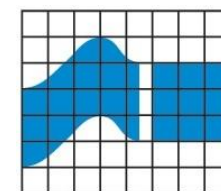
The new solutions offered by the project include

- the preparation of a cross-border long-term plan for green infrastructure along the Soča, Vipava, Livenza and other sub-basins,
- the implementation of a system of ecological and natural monitoring of cross-border river basins of the Soča River, Vipava, Livenza and other river basins,
- implementation of environmental pilot activities in NATURA 2000 in the framework of cross-border river basins
- a pilot implementation of investments in green infrastructure in the cross-border basins of the Soča, Vipava, Livenza and other sub-basins.

# THANK YOU FOR YOUR ATTENTION!

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Institute for Water of the Republic of Slovenia



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