



PROJECT

Overall objective of the HOLISTIC is to support the sustainable joint management of natural resources through the prevention of wildfires and earthquakes and to support the sustainable use of biomass developing the cross-border cooperation in the involved areas.

It applies a set of measures for wildfire and seismic direct and indirect prevention, implementing forest fire long-term, medium-term and short-term preventive measures in order to minimize fire risks and strategic building monitoring system in order to control and manage strategic public buildings from earthquakes' damage risk.

This strengthens the cooperation of the cross border partners, improves the infrastructure, the protocols and the procedures and optimizes the flow of the information among Adriatic countries.

OBJECTIVES

Wildfires, earthquakes, as well as other large-scale natural disasters, do not recognize national borders and other artificial boundaries imposed by human beings.

To reduce differences and barriers and obtain the effectiveness of joint cross-border activities, the project aims to:

- Establish a warning network to reduce re-sponse time and to enhance and coordinate the preventive and intervention actions;
- Identify standardized procedures and common crisis management procedures;
- Evaluate advanced monitoring and surveillance system for the whole Adriatic area;
 - Promote communication and cooperation in order to harmonize the Adriatic policies for natural disasters management;
- Set up interconnected institutional capabilities for experience and knowhow transfer among regions and institutionsFire risks predictive models and algorithms;
- Permanent monitoring system of strategic buildings.

EXPECTED OUTCOMES

The project's most important results and outputs.

Development of common guidelines and standard procedures in the wildfire and seismic risks prevention.

Survey of actually applied procedures, policies and measures in wildfire and earthquake.

Establish terrestrial, meteorological and sociological spatial database for wildfire and seismic hazards.

Implement innovative ICT solutions in wildfire and seismic risk monitoring activities.

Experiment model of:

- Monitoring, surveillance and fire outbreaks early warning systems;
- Financial, social and eco sustainable biomass life cycle;
- Indirect prevention campaign: education, communication and awareness campaigns addressed to the diversified user groups;

The HOLISTIC project is intended to reduce the number and the impact of forest fires, to protect people, natural environment and properties, and in particular to promote fire prevention among rural communities in fire prone areas of regions facing the Adriatic.

Furthermore, the project provides preventive actions related to seismic risk aimed at establishing a permanent instrument for preventing, controlling and managing strategic public buildings.

The project performs joint initiatives and pilot actions for direct and indirect long, medium and short-term preventive measures in wildfire and earthquake risks to enhance policies, regulations and coordination mechanisms.

The project addresses the above issues through specific interventions on both environmental resources and on human ones.



PARTNERS:



HOLISTIC

SEISMIC AND WILDFIRE RISK PREVENTION AND MONITORING

