

RES2FIRE

The impact of climate change, such as rising temperatures, reduced water availability, and changes in rainfall patterns, is leading to increasingly frequent and intense wildfires. Forest fires represent one of the most serious natural disasters in the IPA ADRION programme area. They reduce forest cover, threaten biodiversity, and contribute to CO2 emissions in the atmosphere. To overcome this problem, it is necessary to develop measures to increase the resilience and adaptability of ecosystems prone to fires.

RES2FIRE is a three-year project under the IPA ADRION programme, with a budget of €1.2 million, bringing together 7 partners to develop joint solutions and coordinated measures for preventing forest fire risks. The project is co-financed by the European Union. RES2FIRE applies a transnational approach and a "bottom-up" strategy, engaging a network of relevant actors such as national parks, forestry services, municipalities, and firefighting units. The focus is on sustainable and long-term solutions through cooperation and data harmonization across the IPA ADRION region.

RES2FIRE aims to develop joint procedures, methodologies, and solutions for reducing the risk of forest fires and increasing ecosystem resilience.

Through three years of project activities, the following results are planned: 1) Creation of methodologies for mapping fire hazards and risks in the context of climate change; 2) RES2FIRE network; 3) Four pilot actions for biomass treatment and sustainable forest management, and for managing areas where forest and urban zones meet; 4) Jointly developed solutions for identifying nature-based forestry models to reduce fire risks; 5) A model for assessing forest fire damage and resilience; 6) RES2FIRE WebGIS tool for assessing fire risk, mitigation, and climate change adaptation; 7) An action plan for transferring measures focused on forest fire risk prevention, mitigation, and climate change adaptation.

Within the project, the Institute for Development and Innovation will be responsible for all project activities carried out in the Republic of Serbia. Additionally, the Institute will play a leading role in preparing the Report on the assessment of ecological and socio-economic damages caused by forest fires. The Institute for Development and Innovation will closely collaborate with partners on all activities. It will contribute significantly to the creation of the joint network and dissemination of project results to decision-makers and other key stakeholders.