



Networking for the European Forest Risk Facility initiative

LAYMAN'S REPORT



European Union Humanitarian Aid and Civil Protection

### The project in brief

**NET RISK WORK** project promotes knowledge and lessons learned exchange and networking around risk management of four major European natural hazards: wildfires, storms, avalanches, floods and their interactions. Throughout the project, best practices capitalization, tools for assessing risk evolution under climate change scenarios and knowledge exchange with experts across Europe has been carried out. The project gives continuity to the European Forest Risk Facility Initiative started in 2014, encouraging networking under informal and permanent multi-actor platforms seeking a better transfer of knowledge into practices and policy making. On the website there is free access to all Project results.

Partnership: Forest Science and Technology Centre of Catalonia (Lead partner) European Forest Institute Forest Research Institute Baden-Württemberg Entente pour la forêt Méditerranénne Civil Protection General Directorate of Autonomous Region of Sardinia Pau Costa Foundation

#### Duration: 2017-2018

Co-funded by European Union Humanitarian Aid and Civil Protection (ECHO/SUB/2016/740171/PREV10)

# New challenges in an evolving context of forest risk

Changing climatic conditions, together with changes in land uses, might modify intensity, frequency and distribution of natural hazards. It can also promote the incorporation of new risk areas in unusual territories all across Europe (e.g. wildfires in northern Europe) or new hazards interactions such as wildfires affecting mountain forests, consequently, increasing avalanche risk. This changing context presents new risk management requirements and generates new needs for collaboration between countries and agencies.

Actions encouraging the sharing of knowledge and good practices between local/regional expertise about natural hazards, should improve Disaster Risk Reduction strategies, preparing the national Civil Protection systems to cope with the impact of climate change.

> Storms Wildfires Avalanches Floods

## WHAT DO WE KNOW ABOUT EUROPEAN FOREST RISKS ?

WHAT CAN BE LEARNED FROM DIFFERENT RISKS REDUCTION STRATEGIES ?

HOW WILL THESE RISKS LIKELY TO INTERACT IN A CLIMATE CHANGE CONTEXT ?



Modular knowledge risk platforms and networks

Defining risk and understanding risk management components



More in Deliverable 5: Minutes of the risk information pre-assessment meeting.

## Planning exposure and reducing vulnerability to build up a resilient forest landscape

Lessons learned on different natural hazards

**Risks interactions!** 

**Multilevel risk** database

## Motivating knowledge exchange and networking

2 methodological meetings and 2 international Workshops on Natural Hazards Risk Management (February 2017 Barcelona, May 2017 Freiburg, October 2017 Solsona and April 2018 Cagliari)

## Around 100 experts, practitioners and scientists, representing 36 institutions from 12 EU countries were mobilized.

More in Deliverable 8 and 9: Proceeds of 1st and 2nd Natural Hazard Risk Management Workshops.



## Identifying best practices and operational tools for Disaster Risk Reduction





Risk



Best practices and operational tools identified by nationalities

et risk work

More in Deliverable 4: Report on tools and best practices on risk planning and management for wildfires, storms, avalanches and floods.

## Assessing risk evolution in a climate change context and multi-risk interactions across EU

More in Deliverable 6: Report on transverse risk assessment on wildfires, storms, avalanches and floods, as well as crosslink interactions in a climate change context. Healthy forests are the best and most cost-efficient way to protect life and properties



Join the European Forest Risk community!

## OPERATIONAL RESULTS





### https://www.riskplatform.org

### The *RISKPlatform*, a virtual communication tool for the European Forest Risk Facility



### https://firenode.lessonsonfire.eu/

The **European Wildfire Risk Node**, linking the existing formal and informal networks and communities of practitioners that have expert knowledge about wildfire risk

### Final publication on forest risk challenges and achivements

On line available in English, Spanish, Italian, German and French

Plana, E., Font, M., Serra, M., Hörl, J., Hengst-Ehrhart, Y., Hartebrodt, C., Held, A., Clemenceau, A., Giroud, F., Tola, F., Capula, T., Cinus, S., Visani, C., Soi, F., Manca, G., Prat, N., Borràs, M., Vendrell, J., Ballart, H. and Vilalta, O. 2018 Forest risks in a climate change context: trends and risk management challenges of wildfires, floods, storms, avalanches and their interactions in EU landscapes. Networking for the European Forest Risk Facility Initiative (NET RISK WORK ECHO/SUB/2016/740171/PREV10 Project). CTFC Editions. 76 pp. FOREST RISKS IN A CLIMATE CHANGE CONTEXT TRENDS AND RISK MANAGEMENT CHALLENGS OF WILDFIRES, STORMS AVALANCHES, FLOODS AND AVALANCHES, FLOODS AND HEIR INTERACTIONS IN EU LANDSCAPES

net risk work

On the website there is free access to all project results. http://netriskwork.ctfc.cat/ netriskwork@ctfc.cat





Forstliche Versuchsund Forschungsanstalt Baden-Württemberg



Humanitarian Aid and Civil Protection



