

Fifty innovative wildfire solutions enter the next phase of the FIRE-RES Open Innovation Challenge

Today, the FIRE-RES consortium announces its [Open Innovation Challenge](#) (OIC) list of selected innovations. These innovations will receive tailored in-kind acceleration support and mentorship to develop into fully implemented products and processes that help address the risks posed by wildfires in Europe and beyond.

50 solutions – from early idea innovations to in-market solutions, from data-driven technology and advanced firefighting equipment to educational methodologies and community engagement processes, from different parts of Europe, South America, and the U.S., and covering risks before, during and after wildfire events – have been selected to participate in the FIRE-RES Innovation Acceleration Programme. In addition to access to training materials and events as well as contacts brokerage opportunities, the selected solutions will be invited to enter a competitive application process for financial support for demonstration or piloting activities and the opportunity to test their solution in the realistic environments of one of the project's [Living Labs](#).

The jury consisted of representatives from the consortium (ForestWISE, INESC TEC, CTFC, and EFI). Practitioners from a number of FIRE-RES Living Labs acted as advisors to the jury.

A wide variety of solutions go forward to receive acceleration support

As expected, a large proportion of the solutions centre around technology for the purpose of gathering data, processing it into information, facilitating access to knowledge and enabling learning over time.

Another common type of solution is composed of those that focus on firefighting equipment with a view of improving materials, effectiveness and safety, leveraging new engineering possibilities, and increasing compatibility and connectivity across geographical contexts. Innovative formats and ideas for training frontline operators form another group among the selected innovations.

Finally, a good number of the selected innovations target communities in fire-prone locations and beyond. These aim for improved preparation, response and recovery in the future. It is, therefore, not surprising that some of them focus on engaging young people in particular.

Stay in touch with FIRE-RES

For regular updates as the Open Innovation Challenge progresses, sign up for the FIRE-RES Newsletter [here](#).

If you have questions about the FIRE-RES Innovation Acceleration Programme, please contact oit@fire-res.eu.

Follow us on social media: [X](#), [LinkedIn](#) and [Facebook](#).





FIRE-RES Open Innovation Challenge supporters

Pau Costa Foundation, ECMWF, Ministerio para la Transición Ecológica y el Reto Demográfico del gobierno de España, Firelogue, TREEADS, D.R.E.A.M. Italia, Centre National de la Propriété Forestière (CNPFF) - République Française, Ministry of Agriculture Executive Forest Agency of Bulgaria, SAFERS, Silvanus, FirEUrisk and the Bioregions Facility

NOTES TO EDITORS

FIRE-RES is a 4-year project (2021-2025) led by the Forest Science and Technology Centre of Catalonia in Spain and funded under the European Union's H2020 research and innovation programme. The FIRE-RES Open Innovation Challenge is led by the European Forest Institute (EFI), INESC TEC and ForestWISE on behalf of the FIRE-RES consortium. The strategic objective of FIRE-RES is to provide the EU with the capacity to avoid collapsing in front of Extreme Wildfire Events projected to increase under a harsher climate. The project's general objective is to boost this socio-technological transition by integrating environmental, climate, health, safety and security, cultural and socio-economic aspects within a stream of innovations that encapsulates the demonstration and deployment of proactive governance processes, change of forest management practices, large-scale and community-based risk assessments, awareness and preparedness, models, methods, technologies and decision support systems to implement a holistic and integrated fire management strategy to efficiently and effectively address Extreme Wildfire Events.

FIRE-RES consortium

Agencia Estatal Consejo Superior De Investigaciones Cientificas (Spain), Airbus, Autoridade Nacional de Emergencia Eprotecao Civil (Portugal), Catalan Fire and Rescue Services (Spain), Centre National De La Recherche Scientifique (France), Instituto Sistemas Complejos De Ingenieria (Chile), Consiglio Nazionale delle Ricerche (Italy), Corporacion Chilena De La Madera (Chile), Corporacion Nacional Forestal (Chile), Escola Nacional De Bombeiros (Portugal), Euromontana (France), European Forest Institute (Finland), Centre de Ciència i Tecnologia Forestal de Catalunya (Spain), ForestWISE, Gobierno de Canarias (Spain), INESC TEC (Portugal), Institut Cartografic i Geologic de Catalunya (Spain), Institut Européen de La Forêt Cultivée (France), Institut National De Recherche pour l'agriculture, l'alimentation et l'environnement (France), Mitiga Solutins, National Observatory of Athens (Greece), Norsk Institutt For Bioekonomi (Norway), Osservatorio Balcani e Caucaso TransEuropa (Italy), Agenzia Forestale FO.RE.S.T.A.S. (Italy), School of Agriculture University of Lisbon (Portugal), Spire Global, Tecnosylva (Spain), The International Emergency Management Society (Belgium), Università degli Studi di Padova (Italy), University Of Forestry (Bulgaria), University of the Aegean (Greece), VTT Technical Research Centre of Finland Ltd (Finland), Wageningen University (The Netherlands), Xunta De Galicia (Spain).

Living Labs involved



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101037419.



Bulgaria, the Canary Islands, Catalonia, Chile, Galicia, Germany & the Netherlands, Greece, Norway & Sweden, Nouvelle Aquitaine, Portugal, and Sardinia.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101037419.