

# Press kit video

## Additional information



### Disclaimer

Non-commercial use only, attribution to FirEURisk project required.

### Video description

[00:00 – 00:04] Aerial view of Nodeirinho, Portuguese village heavily affected by 2017 Portuguese wildfires. With a population of around 50 people at the time, 16 disappeared during the fire, including whole families with children. The given footage was taken in 2021-22.

[00:05 – 00:12] Stock footage of wildfires

[00:13 – 00:15] Front of CEIF-ADAI lab building. The Forest Fire Research Centre (CEIF; LEIF in portuguese) is a branch of the Association for the Development of Industrial Aerodynamics (ADAI) closely connected to the Department of Mechanical Engineering (DEM) of the Science and Technology Faculty of Coimbra's University.

In CEIF-ADAI scientists research in the field of forest fires: how they occur and spread, and fire safety strategies.

[00:16 – 00:17] Inside view of CEIF-ADAI lab, with different structures used to study wildfires.

[00:18 – 00:20] Details on items used to study fire safety boots in CEIF-ADAI (pair of burnt boots and an artificial leg).

[00:21 – 00:23] Details on items used to study fires caused by or related to explosions of butane gas cylinders (visual of remains of wrecked cylinders)

[00:24 – 00:25] Footage taken during the first general assembly of the FirEURisk project, where all partners visited the CEIF-ADAI lab (April 2022) along with local authorities that take part in the project.

[00:26 – 00:28] Intervention of Project Coordinator professor Domingo Xavier Viegas to the other project members of FirEURisk during the visit of CEIF-ADAI (April 2022)

[00:29 – 00:40] Research structure from the CEIF-ADAI lab, used to study the eruptive behaviour of fire in slopes or gorges. Many of CEIF-ADAI infrastructures are design to copy real life geographical scenarios that can affect wildfires propagation – even complex combinations of coastlines or multiple gorges. By understanding how fire behaves in different areas, researchers can propose the best mitigation and rapid response actions in each scenario.



This project has been granted funding from the European Union's Horizon 2020 research and innovation programme under the Grant Agreement no. 101003890

[00:41 – 00:47] Research structure from the CEIF-ADAI lab, used to study fire tornados. In extreme circumstances, fire can form a vertical vortex that propagates in a highly destructive manner. With this cage, researchers study the origin and evolution of these fire tornado.

## Full-length clips

Download from [here](#).

## Contact

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