



FRED

Fire Free MED



September 2025

PROGRAMME: Interreg Euro-MED

IMPLEMENTATION: 01/2024 - 10/2026

BUDGET: 2.381.700 EUR

The FRED project overall objective – implement advanced ICT/UAS¹ (drone) tools for climate change adaptation, disaster risk prevention and mitigation in the wildfire segment at 6 public authorities in six MED countries: Croatia, Slovenia, Italy, Bosnia and Herzegovina, Montenegro and Portugal.

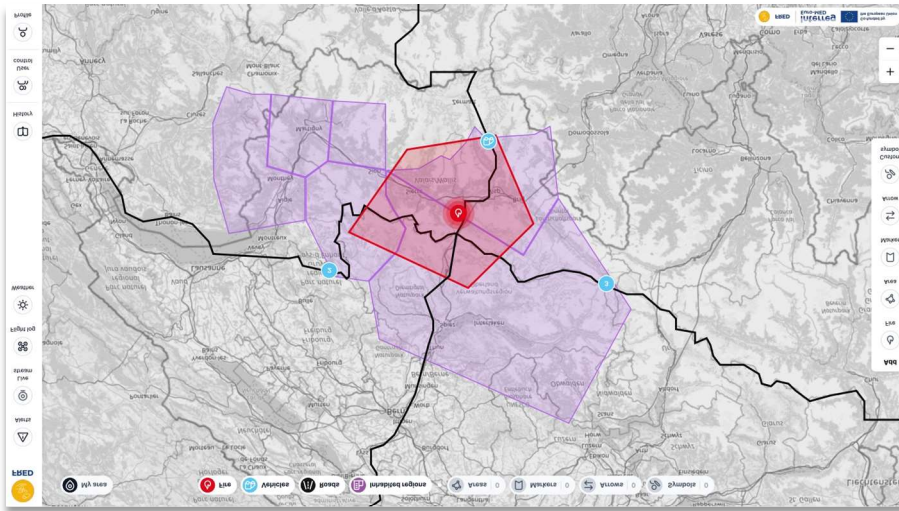
WHAT WE HAVE DONE SO FAR

- deliverable *D1.1.2 Pilot case implementation methodology paper* was finalized, where we have defined use cases of individual pilot actions
- comprehensive training on UAS was successfully held in Sežana, Slovenia, on 21–22 May 2025, following the project's consortium meeting. The training was led by Mr. Tomislav Krljan from University of Rijeka. It was structured in two parts: a theoretical session on the first day and practical field training the following day. The training was specifically designed for the project's pilot partners to strengthen their capacities in using UAS technology for wildfire risk monitoring, prevention and mitigation. The training included on-site UAS training and flight demonstration (mission planning, execution and safety procedures).

Project partners:

- University of Rijeka Faculty of Maritime Studies (HR)
- RGO Communications Ltd. (HR)
- Fire rescue service Sežana (SI)
- Rocca di Cerere UNESCO Global Geopark (IT)
- The National Park UNA (BA)
- The Municipality of Ulcinj (ME)
- Public fire brigade of the Town of Mali Lošinj (HR)
- Centre of Integrated Geomorphology for the Mediterranean Area (IT)
- Democritus University of Thrace (EL)
- CIMBAL – Intermunicipal Community of Baixo Alentejo (PL).

¹ ICT – information and communication technology; UAS - Unmanned Aircraft System (e.g. drone)

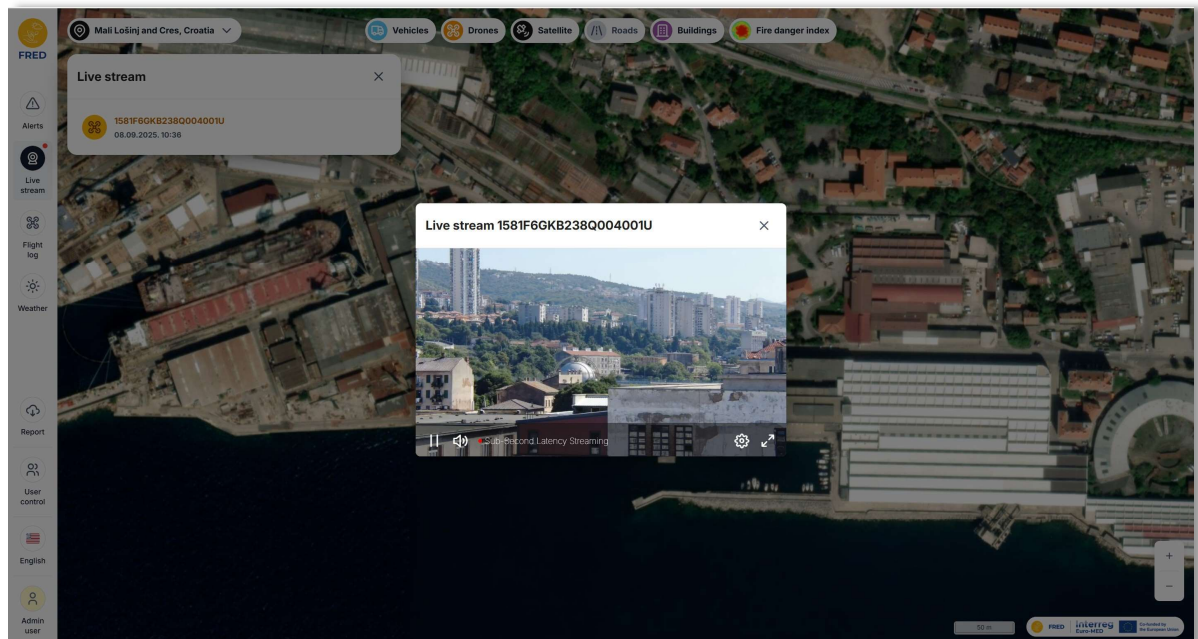


WHAT WE ARE DOING NOW

- Finalizing the FRED platform
- Integrating FlamMap and FARSITE fire behavior modeling systems in the FRED platform, which will be used by the fire brigades for training purposes
- Connecting drone streaming from pilot area drones with the platform, video available at [Drone - FRED²](https://www.rgo.hr/upload/Drone-FREDstream-0.5min_audio.mp4)

THINGS TO COME

- the FRED platform operational and implemented in all pilot areas – the start of pilot activities in which fire brigades and other relevant authorities will utilize the FRED platform and UAS in a combined capacity
- rollout of project results outside project partnership and project coverage



² https://www.rgo.hr/upload/Drone-FREDstream-0.5min_audio.mp4

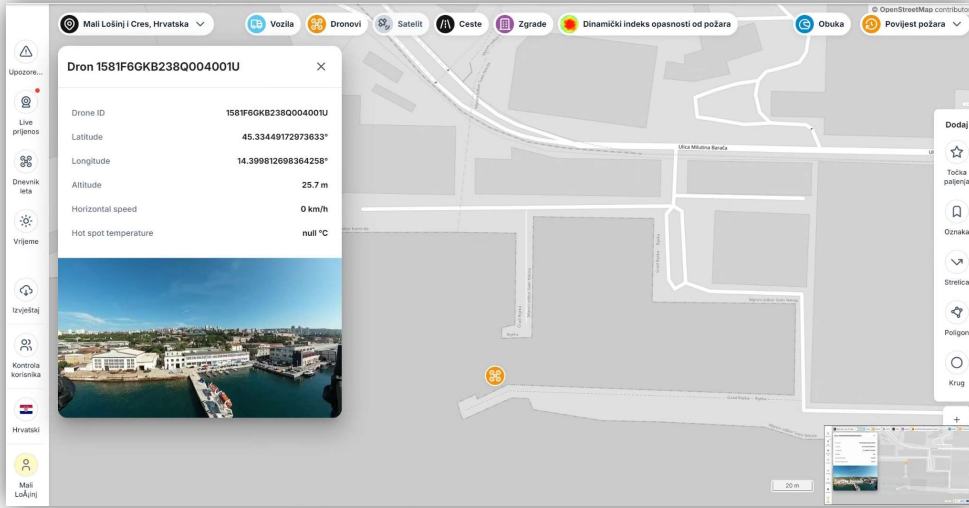


Figure 1: Streaming on FRED platform



Figure 2: UAS training

