



CELTIC-NEXT



Proposers Brokerage Day

24th February 2025, Barcelona

Pitch of the Project Proposal



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Teaser

- Early wildfire detection using **satellite imagery, IoT ground sensors, and AI-driven analytics.**
- **Prevention-focused approach** to reduce wildfire spread and environmental damage.
- Supports **climate resilience, emergency response, and sustainable land management.**

Organisation Profile



Recycle2Trade Ltd

- Expertise in **environmental monitoring, disaster resilience, and sustainability solutions.**
- Experience in integrating **remote sensing, AI, and IoT-based predictive analytics.**
- Active in **EUREKA, Eurostars, and other innovation funding programs.**

Proposal Introduction (1)

Proposal Introduction (Vision, Motivation, and Concept)

- Wildfires are **increasing in frequency and intensity due to climate change.**
- Need for **real-time, predictive monitoring** to improve response times and prevent ignition.
- Wildfire Sentinel integrates **multi-source data** for a **comprehensive fire risk assessment.**

Proposal Introduction (2)

Expected Outcome & Impact

- **Impact:** Reduced **economic loss, CO₂ emissions, and biodiversity destruction.**
- **Outcome:** Development of a **scalable AI-powered wildfire prediction and monitoring system.**
- **Schedule:** Project to last **30 months**, reaching TRL 6-7 by the end.

Partners

Partners & Consortium

- **Looking for partners in:**
 - **AI & Data Analytics** (predictive modeling and risk assessment).
 - **Public Authorities & First Responders** (end-users for real-world testing).
 - **Telecom & Connectivity** (to support real-time data transmission in remote areas).
- Initial interest from **European and international partners.**

Contact Info and THANK YOU!



For more information and for interest to participate please contact:

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