



# CELTIC-NEXT



## Proposers Brokerage Day

18<sup>th</sup> September 2024, London

Predictive Cloud and Ground Sensors for Early Wildfire  
Detection



CLEANNOVATION

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CLEANNOVATION

# Teaser



The platform provides early detection of unusual patterns in forest ecosystems using satellite data, IoT sensors, and AI, allowing forest managers to prevent wildfires before they spread.

# Organisation Profile

Recycle2Trade Ltd is a UK-based SME specializing in data intelligence for environmental monitoring. Our experience includes data interoperability , UX and remote sensing for gas emissions monitoring

# Proposal Introduction (1)

The platform integrates satellite and ground sensors with AI to detect unusual patterns in forest ecosystems, providing early wildfire alerts and insights to forest managers for disaster resilience.

# Proposal Introduction (2)

## Expected

The project will deliver a cloud-based prediction platform combined with ground sensors, capable of providing early detection of wildfire risks in forest ecosystems globally.

## Outcome:

## Impacts:

- Reduced damage from wildfires through early intervention
- Enhanced disaster resilience for forest ecosystems
- Improved decision-making for forest managers based on real-time data
- Contribution to global wildfire prevention efforts and climate resilience

## Schedule:

Project duration: 36 months, with pilot implementations in the UK, Spain and others countries TBC in year 2.

# Partners

*Existing consortium, involved countries.*

- *RECYCLE2TRADE LTD (UK) - LEAD*
- *SPAIN PARTNER TBC*
- *OTHERS*

*TBC*

# Contact Info



**For more information and for interest to participate please contact:**

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