

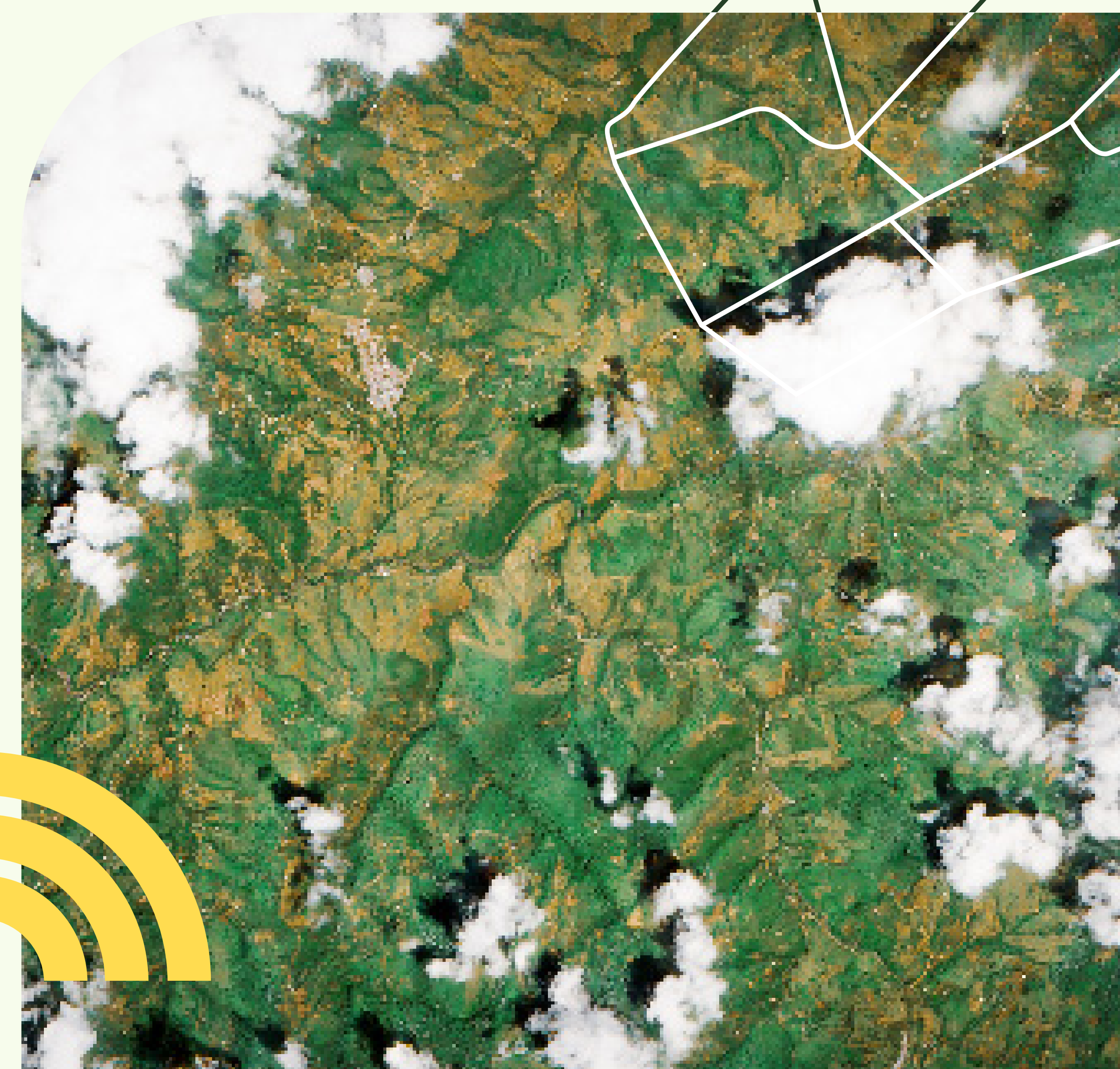


Diagnostic tool that INtegrates  
Optical, infrared and SAR data

## Our mission

DINOSAR is a three-year EU-funded project aiming to develop the **Copernicus** based algorithms to support smart farming applications that can be used worldwide, even on cloudy areas.

With the Earth Observation, the project will support farmers to match agricultural inputs (fertilisers, pesticides, water) to what the crop needs, decreasing their environmental footprint. To develop this technology, DINOSAR will focus on one specific case-study: the sugarcane crops in **Colombia**.



## The project in numbers



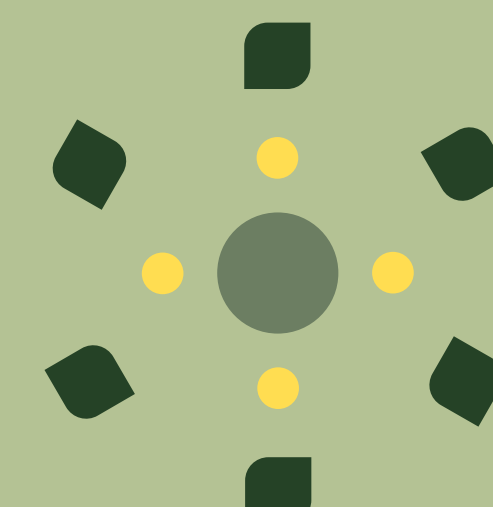
3 years



January 2024  
December 2026



1.5M€  
Funding



6 partners  
& 4 countries

## Our objectives

- ✓ To monitor sugarcane phenology and health that integrate the diagnostic power of optical, infrared and Synthetic Aperture Radar (SAR) signals.
- ✓ Operationalize the prototype of these algorithms in such a way that runs in **Near Real Time** and that can be **scaled-up geographically** and **extended to other crops**.
- ✓ Develop **use-cases** with international partners appropriate for various customers and market segments.
- ✓ Establish a **generic methodology** to apply this research to other crops and geographies, including a **product development roadmap** to develop the exploitation of the project.

## The consortium



eLEAF,  
The Netherlands



SarVision,  
The Netherlands



Universitat d'Alacant  
Universidad de Alicante

Universidad de Alicante,  
Spain



AgroAP,  
Colombia



HCP International,  
The Netherlands



Euronovia,  
France



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