SISTEMA
ENVIRONMENTAL INFORMATION MINING

University of Ferrara

MESEO

Co-funded by the European Union

On-ground L2 Products

KER 6

Turn satellite imagery into application-ready information.

Turning satellite observations into actionable information

On-ground processing transforms satellite imagery into thematic products supporting environmental and agricultural applications. As part of the MESEO project, methane detection and crop classification processing capabilities have been developed and demonstrated, illustrating how advanced Earth Observation algorithms can generate valuable information for end users.

THE CHALLENGE

Raw and intermediate satellite data require further processing to support meaningful thematic applications.

OUR SOLUTION

The on-ground processing developments support higher-level EO products and the project demonstration use cases, including methane detection and crop classification.

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WHY IT MATTERS

- **Ground processing**
- **Thematic outputs**
- **Methane use case**
- **Crop use case**

Ground processing • SISTEMA / UNIFE