SATLANTIS

MESEO

Co-funded by the European Union

KER 5

On-board GHG Measurements and L0/L1A/L1B Products

From satellite acquisition to usable observation products.

GHG

From satellite acquisition to valuable observation products

Advanced payload capabilities support greenhouse gas observations and the generation of different levels of Earth Observation products directly on board. This approach brings data processing closer to acquisition, supporting more efficient data management and the delivery of useful information for environmental monitoring

THE CHALLENGE

Greenhouse gas observation relies on reliable acquisition, handling and preparation of sensor data along the processing chain.

OUR SOLUTION

The MESEO payload developments support greenhouse-gas-oriented observations and on-board generation and management of L0, L1A and L1B products for subsequent processing and analysis.

From satellite acquisition to usable observation products.

WHY IT MATTERS

- **GHG observation**
- **L0 / L1A / L1B**
- **Sensor products**
- **Processing chain**

On-board processing • SATLANTIS