“Harnessing Earth Observation for Sustainable Agriculture”

“Challenges, Opportunities, and the Path Forward”

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Session Objectives

• Assess the long-term impact of the EO agri-projects.

• Highlight successes, challenges, and lessons learned.

• Explore innovative funding mechanisms and partnership models.

• Next steps for the Agriculture Action Group
Engaging End-Users

• The gap between the digital transformation and the agricultural sector.

• Importance of co-designing with end-users for accurate data.

• Calibration and validation are crucial for application development.
The Need for Collaboration

• The sooner we collaborate, the more resilient our projects become.

• Sharing results and experiences with experts enhances project outcomes.
Data Challenges

• Importance of effective data management.

• Challenges in data sustainability and accuracy.

• The balance between big data and useful data.
Session Layout

- **From Space to Field: Using EO Data to Combat Climate Crisis in Agriculture**
  Dr Dimitrios Kateris (*STARGATE H2020 project*) (*IBO-CERTH*)

- **EO-Based Water Management in Agriculture: From Innovation to Practice**
  Dr Anna Osann (*DIANA, COALA and REXUS projects*) (*AgriSat Iberia SL*)

- **Navigating Food Security Challenges in the Global South: The Essential Role of Earth Observation**
  Dr Juan Suarez Beltran (*AfriCRS project*) (*GMV*)

- **Agricultural Insurance in the Era of EO: Innovations and Insights**
  Mr Gregory Mygdakos (*BEACON H2020 project*) (*Karavias Underwriting Agency*)

- **APOLLO: Charting the Path from H2020 Project to Commercial Farm Management Solution**
  Ms Dimitra Perperidou (*APOLLO H2020 project*) (*DRAXIS Environmental S.A.*)

- **Earth Observation for Soil Health and Sustainable Land Use Management**
  Dr Irini-Xanthoula Pantazi (*SIEUSOIL H2020 project*) (*AUTH*)

- **Operationalizing EO for CAP Monitoring: Insights from a Paying Agency's Experience**
  Mr Aušrius Kučinska (*NMA-Lithuanian PA*)
Let's Begin!