



## When Space Technologies meet Agriculture

Fostering Interregional collaborations, investments and definition of users requirements

14 – 15 November 2016 (Matera, ITALY)

Venue: PALAZZO LANFRANCHI – Piazzetta Pascoli, 1

### Monday 14th November

09.00 **REGISTRATION**

09.30 **OPENING SESSION** chaired by Roya AYAZI (NEREUS Secretary General)

Marcello PITTELLA (President of Basilicata Region)

Mark LESTER (NEREUS Vice-President)

Catharina BAMPS (European Commission – DG GROW)

Simon JUTZ (ESA, Head of Copernicus Office)

Roberto BATTISTON (ASI, President)

Antonio COLANGELO (Consorzio TeRN, President)

10.30 **SESSION 1 | Space Technologies for Agriculture**

**The European Common Agriculture Policy and Farmers' Perspective**

**Moderator:** Teodora SECARA (EURISY Deputy Secretary General)

10.45 **Introduction**

Luca BRAIA (Basilicata Region, Minister for Agriculture)

11.00 **The European Common Agriculture Policy (challenges, topics and users requirements)**

Flavio COTURNI (European Commission, DG AGRI – Head of Unit)

11.15 **The farmers' and Agriculture public authorities perspective on their needs for innovation: The EU Smart Specialisation Platform for Agri-Food: how to accelerate joint investment projects in EU by supporting interregional cooperation in thematic areas based on S3 priorities**

Francesca RICARDI (on behalf of ERIAFF Network, Veneto Agricoltura - Veneto Region)

**Position paper on Remotely Piloted Aircraft Systems (RPAS) for agriculture**

Daniel AZEVEDO (COPA COGECA, Senior Policy Advisor)

**Presentation of White paper "Unmanned Aerial Vehicles (UAVs) for Agriculture: creating an invisible precision farming technology"**

Mark JARMAN (Satellite Applications Catapult, United Kingdom)

**The innovation needs of National / Local and Regional Authorities in charge of controls on eligibility of farmers for EU aids in Agriculture**

Gabriele PAPA PAGLIARINI (AGEA Special Commissioner)

Italian Ministry of Agriculture Representative - *tbd*

Leonardo DI GIOIA (Puglia Region, Minister for Agriculture and Coordinator of Agriculture Commission, Italian Conference of Regions)

12.15 Interactive discussion with the audience (farmers, public authorities and space community)

12.30 **COFFEE BREAK**



12.45 **SESSION 2 | Space Technologies for Agriculture**

**The Space Community Perspective**

**Moderator** : Jean-Jacques TORTORA (Director European Space Policy Institute)

Impulse presentation | **What can Copernicus do for farmers and for the European Agriculture Policy?**

Catharina BAMPS (European Commission – DG GROW)

Simon JUTZ (ESA, Head of Copernicus Office)

13.15 **How can Earth Observation make a difference for the Agriculture sector?**

Valerio TRAMUTOLI (University of Basilicata, Chair of NEREUS EO/Copernicus WG)

13.30 Interactive discussion with the audience

14.00 LUNCH BREAK

15.30 Impulse presentation | **What can EGNOS/GALILEO do for farmers and for the European Agriculture Policy?**

Gian Gherardo CALINI (GSA, Head of Market Development)

16.00 **How can GNSS make a difference for the Agriculture sector?**

Prof. Alessandro CAPORALI, University of Padova (Co-chair of NEREUS GNSS WG)

16.15 Interactive discussion with the audience

16.45 COFFEE BREAK

17.00 BROKERAGE EVENT for entrepreneurs and policy makers

18.30 END

20.30 NETWORKING SOCIAL DINNER

Tuesday 15th November

09.30 **SESSION 2 (suite) | Space Technologies for Agriculture**

**The Space Community Perspective**

**Moderator** : Daniele ROSSI

(COPA COGECA Chairman of Working Party on Research and Innovation)

Impulse presentation | **Digital Agriculture: What ICT can do for farmers and for EU Common Agriculture Policy?**

European Commission, DG CONNECT - *tbd*

10.00 **Presentation of « Connected Agriculture »**

Stefano AGNELLI (EUTELSAT)



10.30 **SESSION 3 | The Regional Perspective : Rural Development Programs and innovation needs for Agriculture**

**Moderator:** Roya AYAZI (NEREUS Secretary General)

- Jerzy WIERZBICKI (FBZPR, COPA COGECA Task force on Agriculture technology)
- Bavaria Region (Dr. Jürgen VOGEL, bavAIRia e.V. - Bavarian Clustermanagement Aerospace)
- Wallonia Region (Viviane PLANCHON, Centre Wallon de Recherches agronomiques)
- Galicia Region (Manuel PARIS LESTON, Axencia Galega de Innovacion - GAIN) | An innovative UAV initiative with impact in Agriculture and Forestry in Galicia
- Basilicata Region (Vittorio RESTAINO, Basilicata Region Managing Authority of rural development programme)

**BASILICATA Region Case**

**Moderator:** Raffaele LIBERALI (Basilicata – Board Member of NEREUS)

12.30

**Aerospace in Basilicata's Smart Specialisation Strategy**

Giandomenico MARCHESE (Basilicata Region, Director-General Department "Development, Employment, Education and Research policies")

Speakers from

- TeRN Consortium
- The use of Sentinel-2 for agriculture parcel monitoring, CAP eligibility and greening compliance | Annalaura DI FEDERICO, e-Geos
- GNSS/GALILEO applications for Precision Farming | Francesco VESPE, ASI - Matera Space Geodesy center, Member of ESA/GALILEO Science Advisory Group
- Sustainable irrigation management strategy in semi-arid climate conditions in South Italy | Prof. Bartolomeo DICHIO, University of Basilicata
- CNR
- Precision agriculture developments in Basilicata: ALSIA contribution | Francesco CELLINI, ALSIA, Director Metapontum Agrobios Research Center
- Climate change and crop-pest dynamics in the Mediterranean Basin | Luigi PONTI, ENEA, Research Scientist

13.30 **Space2ID : An action to support internationalisation of space based SMEs**

David CONVERS, Aerospace Valley

14.00 LUNCH BREAK

15.30 **Chair:** Roya AYAZI (NEREUS Secretary General)

Impulse statements from  
(ERIAFF, COPA COGECA, NEREUS, ESA, EC, Moderators from Session 1, 2 and 3)

**OPEN DISCUSSION**

16.30 **CLOSING REMARKS**

Marcello PITTELLA (Basilicata Region, President)

16.45 END