



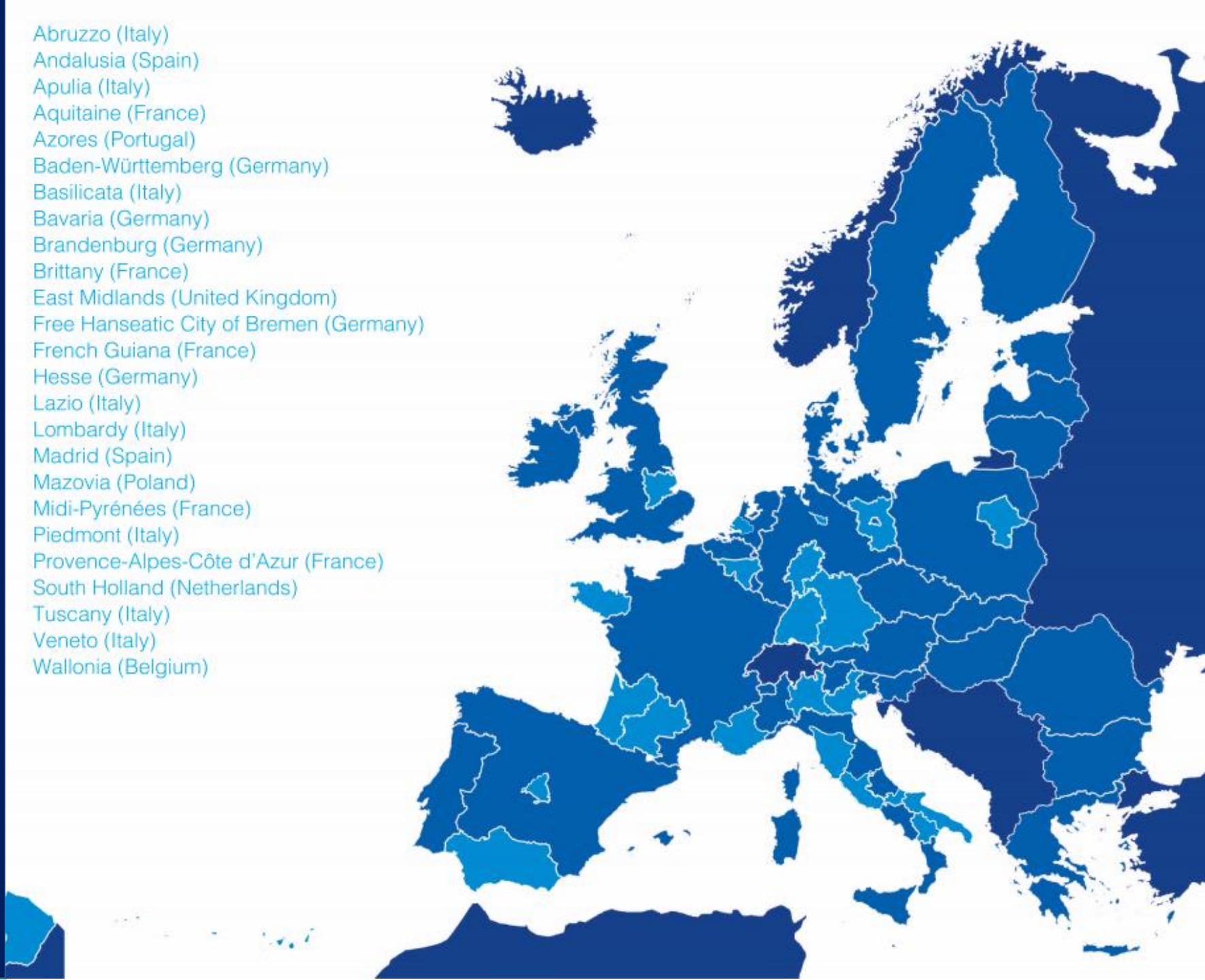
Bringing
the benefits
of space uses
to regions
and their citizens

NEREUS-Workshop Podkarpackie-Region 10th May 2017
by Roya Ayazi, NEREUS-SG

NEREUS

Network of European Regions Using Space Technologies

Abruzzo (Italy)
Andalusia (Spain)
Apulia (Italy)
Aquitaine (France)
Azores (Portugal)
Baden-Württemberg (Germany)
Basilicata (Italy)
Bavaria (Germany)
Brandenburg (Germany)
Brittany (France)
East Midlands (United Kingdom)
Free Hanseatic City of Bremen (Germany)
French Guiana (France)
Hesse (Germany)
Lazio (Italy)
Lombardy (Italy)
Madrid (Spain)
Mazovia (Poland)
Midi-Pyrénées (France)
Piedmont (Italy)
Provence-Alpes-Côte d'Azur (France)
South Holland (Netherlands)
Tuscany (Italy)
Veneto (Italy)
Wallonia (Belgium)



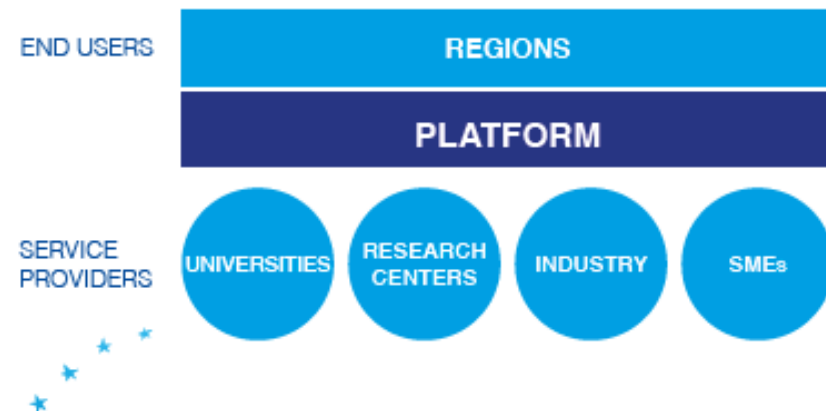
NEREUS

Network of European Regions Using Space Technologies

The NEREUS Associate Members (*)

AIPAS (Lazio)
 Airbus Defence and Space (Midi-Pyrénées)
 ALTEC SpA (Piedmont)
 Compagnia Generale per lo Spazio CGS SpA (Lombardy)
 Centre d'Etudes et d'Expertise sur les Risques, l'Environnement, la Mobilité et l'Aménagement CEREMA (Rhône-Alpes)
 Centre National d'Etudes Spatiales, CNES (Midi-Pyrénées)
 Centro de Vulcanologia e Avaliação de Riscos Geológicos, CVARG (Azores)
 Centro Interdipartimentale Studi e Attività Spaziali, CISAS, «G. Colombo» (Veneto)
 Confrtrasporto – Confcommercio Imprese per l'Italia
 Cité de l'Espace (Midi-Pyrénées)
 Consorzio per la Gestione di Coordinamento delle Attività di Ricerca Inerenti il Sistema Lagunare di Venezia, CORILA (Veneto)
 Consorzio per le Tecnologie per le Osservazioni della Terra e dei Rischi Naturali, TeRN (Basilicata)
 EDISOFT SA (Azores)
 EURAC Research European Academy (South Tyrol)
 European Satellite Service Provider, ESSP (Midi-Pyrénées)
 Fundación Aragonesa Para el Desarrollo de la Observación de la Tierra, FADOT (Aragón)
 FFG, Austrian Research Promotion Agency (City of Vienna)
 Geoville Information Systems (Innsbruck)
 GIS Bretagne Télédétection (BreTel) (Brittany)
 Institute for Electromagnetic Sensing of the Environment, IREA CNR UOS, Milan (Lombardy)
 Interbalkan Environment Center, i-BEC (Lagadas, Greece)
 Italian Cluster for Aerospace Technologies (Lazio)
 Observatoire Midi-Pyrénées (Midi-Pyrénées)
 Pole Mer Bretagne (Brittany)
 Politecnico di Milano, B.E.S.T. Department (Lombardy)
 Politecnico di Torino (Piedmont)
 Società Aerospaziale Mediterranea, SAM (Campania)
 SELEX Galileo (Lombardy)
 SES SA (Luxembourg)
 SpaceTec Partners (Brussels)
 Spanish Association of Telecommunication Engineers, AEIT (Madrid)
 STAE Foundation (Midi-Pyrénées)
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 Tele-Rilevamento Europa, T.R.E. (Lombardy)
 Thales Alenia Space
 Toscana Spazio (Tuscany)
 University of Bologna (Emilia Romagna)
 University of Turin (Piedmont)

NEREUS, since 2007.
Space on Earth, Space for all.

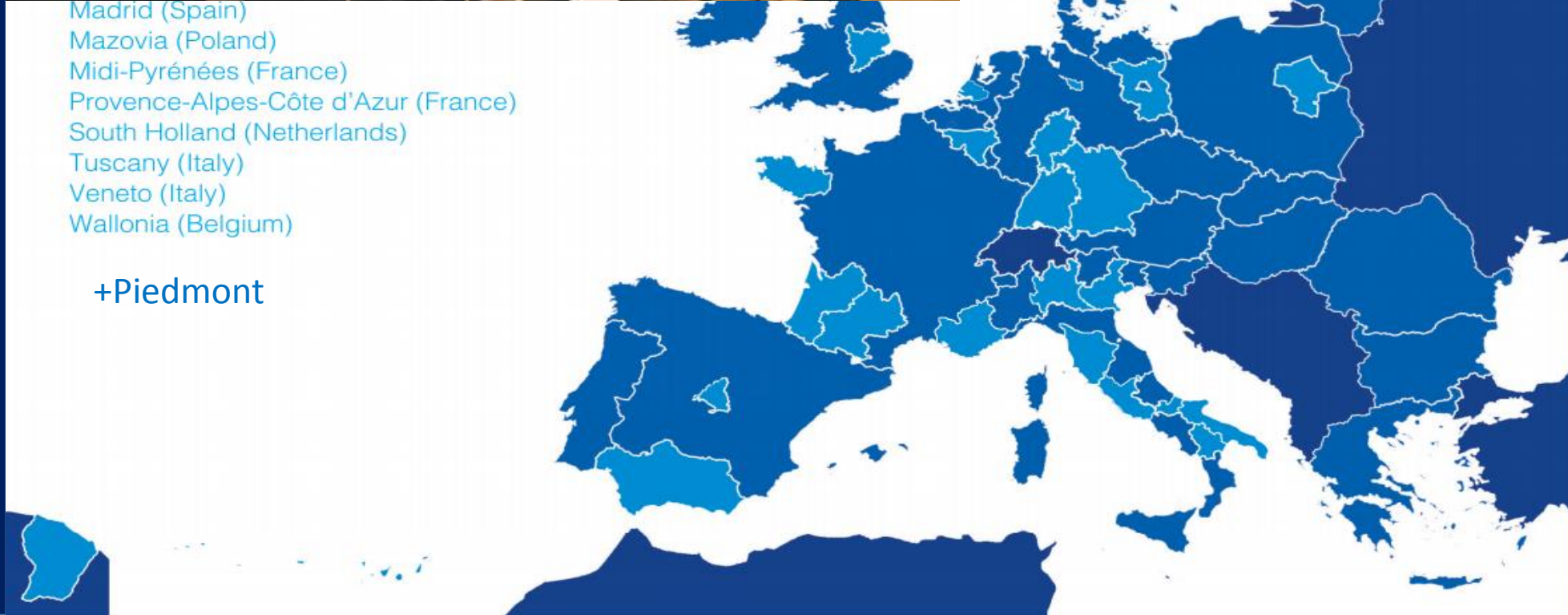


10th Anniversary of Signature of Political Charta



Madrid (Spain)
Mazovia (Poland)
Midi-Pyrénées (France)
Provence-Alpes-Côte d'Azur (France)
South Holland (Netherlands)
Tuscany (Italy)
Veneto (Italy)
Wallonia (Belgium)

+Piedmont



MISSION

USING SPACE ON
EARTH
for the benefits of
citizens and
territories



SPREAD THE **USE AND UNDERSTANDING** OF SPACE TECHNOLOGIES

ADVOCATE MATTERS OF REGIONAL SPACE USES

STIMULATE THE DEVELOPMENT OF SPACE **APPLICATIONS**

WHAT DOES NEREUES OFFER ITS MEMBERS?



A JOINT PLATFORM

- for developing **joint positions** and voice them
- for building **partnerships** and networking at a European scale
- for facilitating the **involvement** in EU/ESA-funded activities
- for accessing crucial **information** in advance
- providing enhanced **visibility** of the Region at European level

WHY NETWORKS?

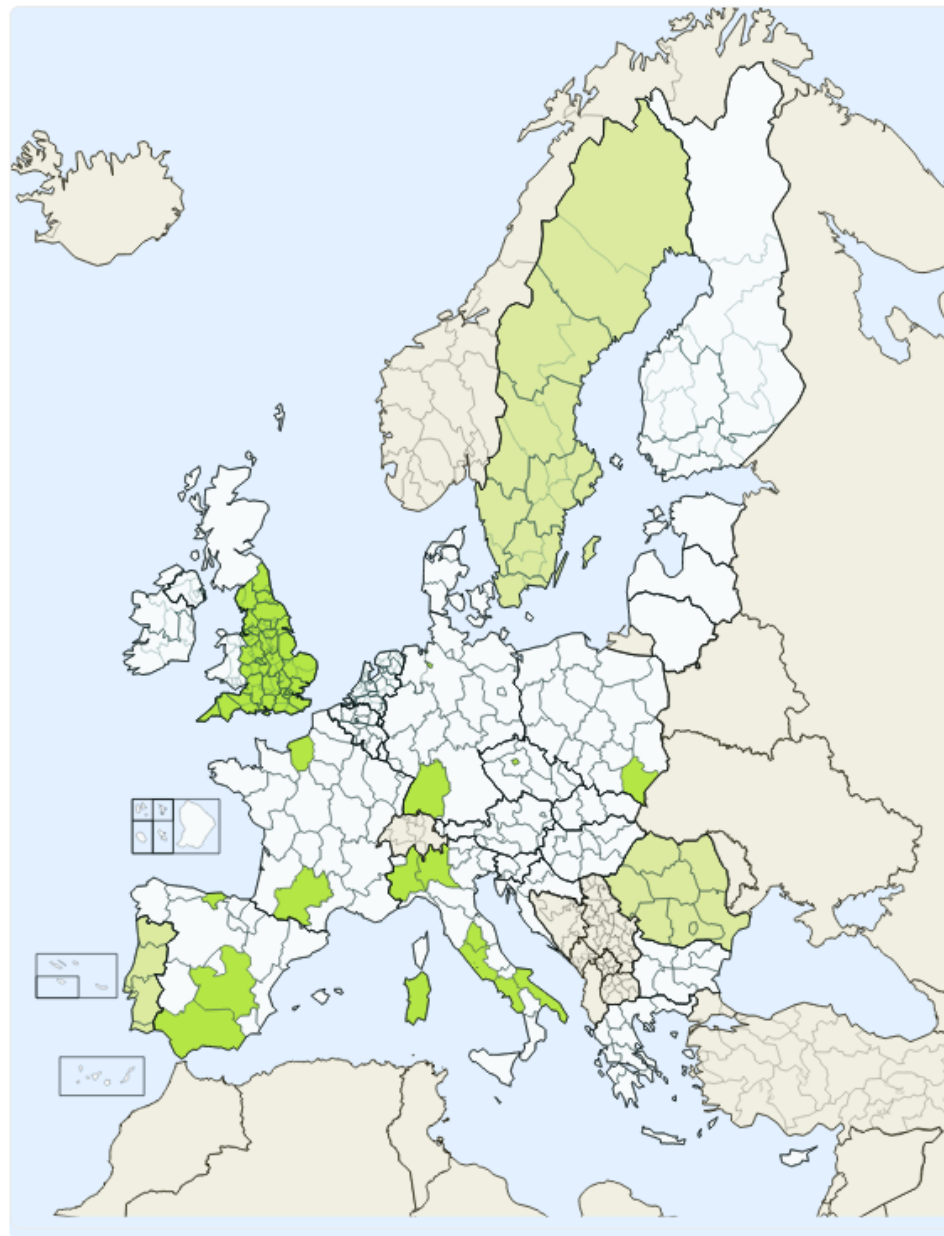
Benefits from being part of a network?

- Stimulate collaboration via interregional cooperation
- Increased European added value of activities
- Enhance visibility of local stakeholders
- Aggregate a critical mass for advocacy at EU level
- Raise awareness on space uses for LRAs
- Share best practices and know-how

NEREUS- Position Paper

NEREUS-Position Paper: *„Recommendations on adding a regional dimension to the European Space Strategy”*





- EU Countries with Encoded S3 Priorities
- EU Regions with Encoded S3 Priorities
- Non-EU Countries with Encoded R&I Priorities
- Non-EU Regions with Encoded R&I Priorities

Research & Innovation Capabilities
Select

Business Areas & Target Market
Select

EU Priority
Aeronautics & space

Research & Innovation Capabilities (Subcategory)
Select

Business Areas & Target Market (Subcategory)
Select

EU Priority (Subcategory)
Select

Region/Country Name

NUTS ID

Description of Priority

☒ Refined Search
☐ Approximated Search

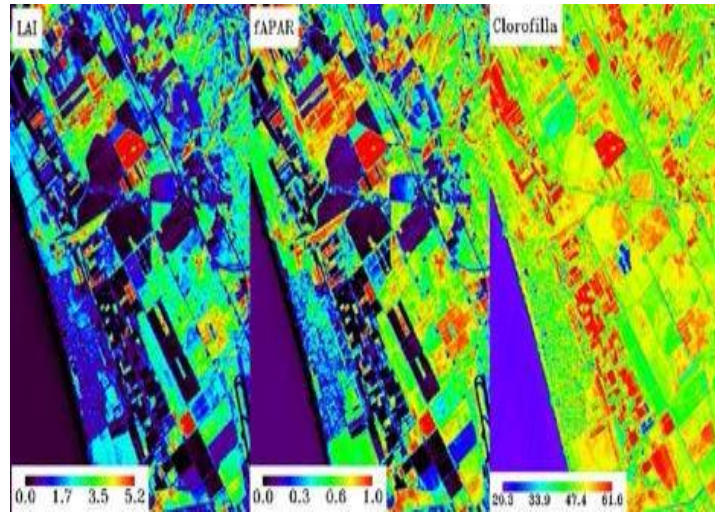
Country/Region type

☒ EU Countries with Encoded S3 Priorities
☒ EU Regions with Encoded S3 Priorities
☐ Non-EU Countries with Encoded R&I Priorities
☐ Non-EU Regions with Encoded R&I Priorities

Search
Add priorities
Export

Name [NUTS ID]	Description	Research & Innovation Capabilities	Business Areas & Target Market	EU Priority
Praha [CZ01]	Aerospace	1. Manufacturing & industry	1. Manufacturing & industry 2. Motor vehicles & other transport equipments	1. Aeronautics & space
Baden-Württemberg [DE1]	Aerospace	1. Manufacturing & industry	1. Manufacturing & industry	1. Aeronautics & space
Bremen [DE5]	Aeronautics & s...	1. Manufacturing & industry 2. Motor vehicles &	1. Transporting & storage 2. Air transport & related	1. Aeronautics & space

Using Space



Data from satellite imagery



Useful Information for
people, companies and
organisations

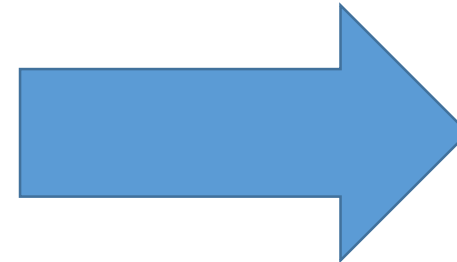
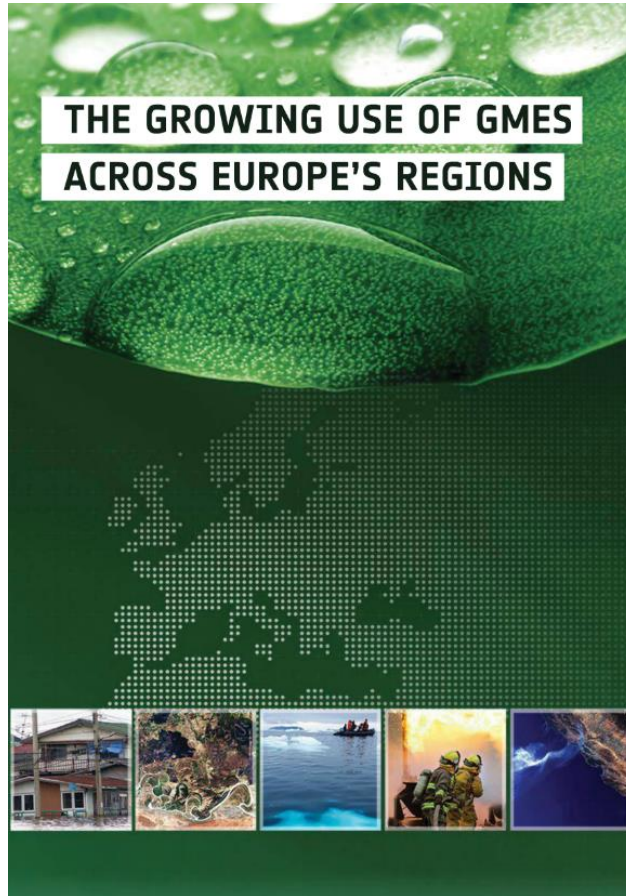
Using space based data
starts with **People** and their **Needs**



NEREUS and Copernicus Uptake

- **Map** space capabilities in NEREUS Member Regions
- **Explore synergies** between structural funds and other EU direct funding sources (H2020,...)
- **Exchange** best practices, knowledge and know-how via interregional cooperation
- **Develop model projects** targeted to LRAs at EU level (with the EU Commission, ESA,...)
- **Organize informative training sessions** for LRAs (i.e. Mercator Ocean)
- **Publish** brochures, publications, position papers...

Copernicus- User-Uptake



New Publication/
Up-date planned for
2017

In Partnership with ESA/ESTEC

POLITICAL DIALOGUE Parliament Event 2016



WALLONIA - Nathalie Stéphenne, ISSeP

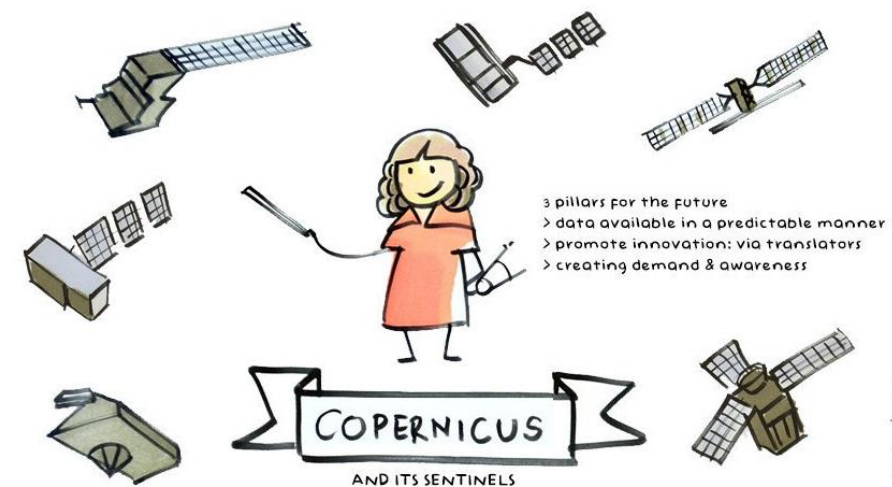


NEREUS
@NEREUSaisbl

Rep from @WallonieBE highlights space monitoring of seismic risks from its mining history. #Sentinels4Regions

4:31 PM - 28 Jun 2016

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Sabine Allaëys @barbareille · 28 Jun 2016
3 pillars for the future as suggested by #AndreasVeispak #Copernicus #Sentinels4Regions @NEREUSaisbl @CopernicusEU
pic.twitter.com/gAA9Q6DgPw

14 24

REGIONAL WORKSHOPS





COPERNICUS UPTAKE FRAMEWORK CONTRACT

By European
Commission



Space & Agriculture

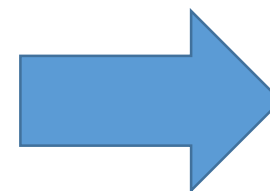


How Can Space Make a Difference for the Agriculture Sector

Authors

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Thomas Geist (FFG-ALR Austria)
Artur Gil (UAC, Azores)
Eugenio Fontan (MADRID CLUSTER, Madrid)
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Regional Workshop
in Basilicata/Italy
in 2016



Regional
Workshop
Position-Paper
in 2017/18

Building partnerships with relevant regional and sectorial player: Copageca, ERIAFF, Farmer Association etc.

Focal Topics

- Space4Development Cooperation
- Space4Maritime Purposes
- Space4Cultural Heritage

SPACE GIRLS/ SPACE WOMEN Mobile Photo- exposition



- 40 photo portrays of girls and women of three different generations and different continents with their heads in the stars who choose space as a career, work or study option
- Supported by Sipa-Press and ESA (NEREUS is together with CNES, Cité de l'Espace, Universpace and GSA sponsoring partner);
- Following events in Brussels and Paris exhibition tours through NEREUS-regions



THANK YOU!

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