

# NEREUS

NEREUS stands for  
**N**etwork of **E**uropean **R**egions **U**sing **S**pace Technologies:

- ⇒ The Union build in the last decade two excellent European space systems: EGNOS/Galileo and Copernicus
- ⇒ Both systems grow increasingly operational and produce a wealth of space based data and information
- ⇒ Space is a source of growth



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Commission

# NEREUS

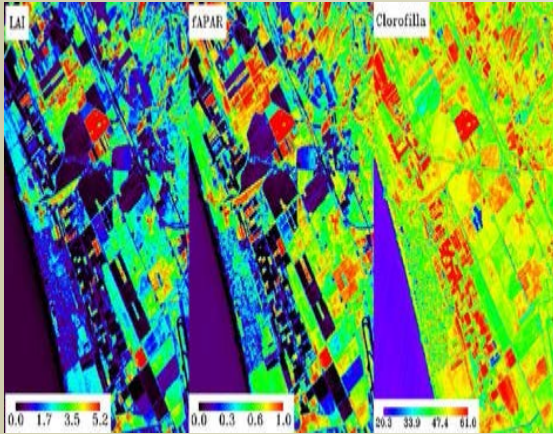
NEREUS stands for  
**N**etwork of **E**uropean **R**egions **U**sing **S**pace Technologies:

⇒ NEREUS is about Bringing the benefits of space uses to  
regions and their citizens

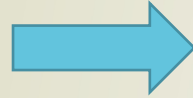


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# NEREUS is about Using Space



Data from satellite imagery



Useful Information  
for people,  
companies and  
organisations



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# Role of Regions

- 90% of space based services and products are addressed to regional and local administrations: space delivers to many public policy domains important information
- New market: new business opportunities and high-skilled employment
- Several regions identified space as a priority of their S3-strategies





# Key: Space&NonSpace

- To optimally exploit Europe's space opportunities we need to link space based information with non-space sectors:
  - Space&Territorial Challenges
  - Space&Agriculture
  - Space&Tourism
  - Space&Aviation
  - Space&Transport
  - Space&Environment



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# Example: Using Space in aviation

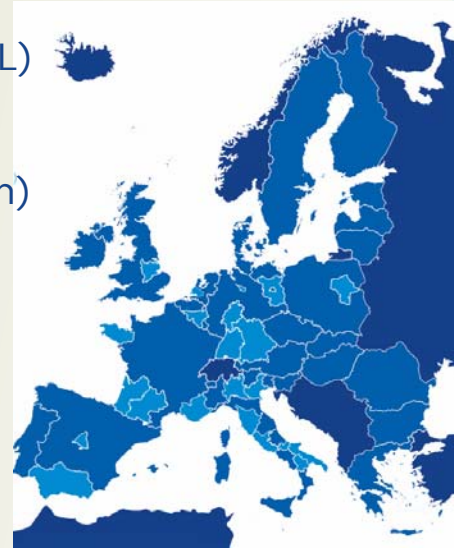
- FlySafe (ESA-funded project)
  - Bird migration and the risk of bird strikes on aircraft are a serious challenge to aviation and pose a real safety threat
  - The initiative combines different space based information to monitor bird migration with the objective to improve flight safety



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# NEREUS: 26 Member regions across Europe

1. Abruzzo (Italy)
2. Andalusia (Spain)
3. Apulia (Italy)
4. Azores (Portugal)
5. Baden-Württemberg (Germany)
6. Basilicata (Italy)
7. Bavaria (Germany)
8. Brandenburg (Germany)
9. Brittany (France)
10. East Midlands (UK)
11. Free Hanseatic City of Bremen (Germany)
12. French Guiana (France)
13. Hesse (Germany)
14. Occitanie (France)
15. Lazio (Italy)
16. Lombardy (Italy)
17. Madrid (Spain)
18. Mazovia (Poland)
19. Nouvelle Aquitaine (France)
20. Podkarpackie (Poland)
21. Piedmont (Italy)
22. Provence-Alpes-Côte d'Azur – PACA (France)
23. South Holland (NL)
24. Tuscany (Italy)
25. Veneto (Italy)
26. Wallonia (Belgium)



# NEREUS:

## 36 Associate Members

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



### 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)  
Confratrasporto – 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)  
TECHNAPOLI (Campania)  
TELESPAZIO FRANCE (Midi-Pyrénées)  
Tele-Rilevamento Europa, T.R.E. (Lombardy)  
Thales Alenia Space  
Toscana Spazio (Tuscany)  
University of Bologna (Emilia Romagna)  
University of Turin (Piedmont)



# Why we joined NEREUS

NEREUS offers 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



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Many thanks for your attention  
<http://www.nereus-regions.eu/>



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