



→ **COPERNICUS**

SENTINELS SERVING SOCIETY AND THE ENVIRONMENT

NEREUS-

Network of European Regions Using
Space Technologies
SPACE for regions

12–13 May 2014 | EVGENIDIS Foundation | Athens | Greece



23 Full Members (regions) + 39 Associate Members

Abruzzo (I)	
Andalusia (Spain)	
Apulia (I)	Guyana (F)
Aquitaine (F)	Hesse (D)
Azores (Portugal)	Lazio (Italy)
Baden- Württemberg (D)	Lombardy (Italy)
Basilicata (I)	Madrid (Spain)
Bavaria (D)	Mazovia (Poland)
Brandenburg (D)	Midi-Pyrenees (F)
Brittany (F)	Piedmont (Italy)
East Midlands (UK)	South Holland (NL)
Free Hanseatic City of Bremen (D)	Veneto (Italy)
	Wallonia (B)





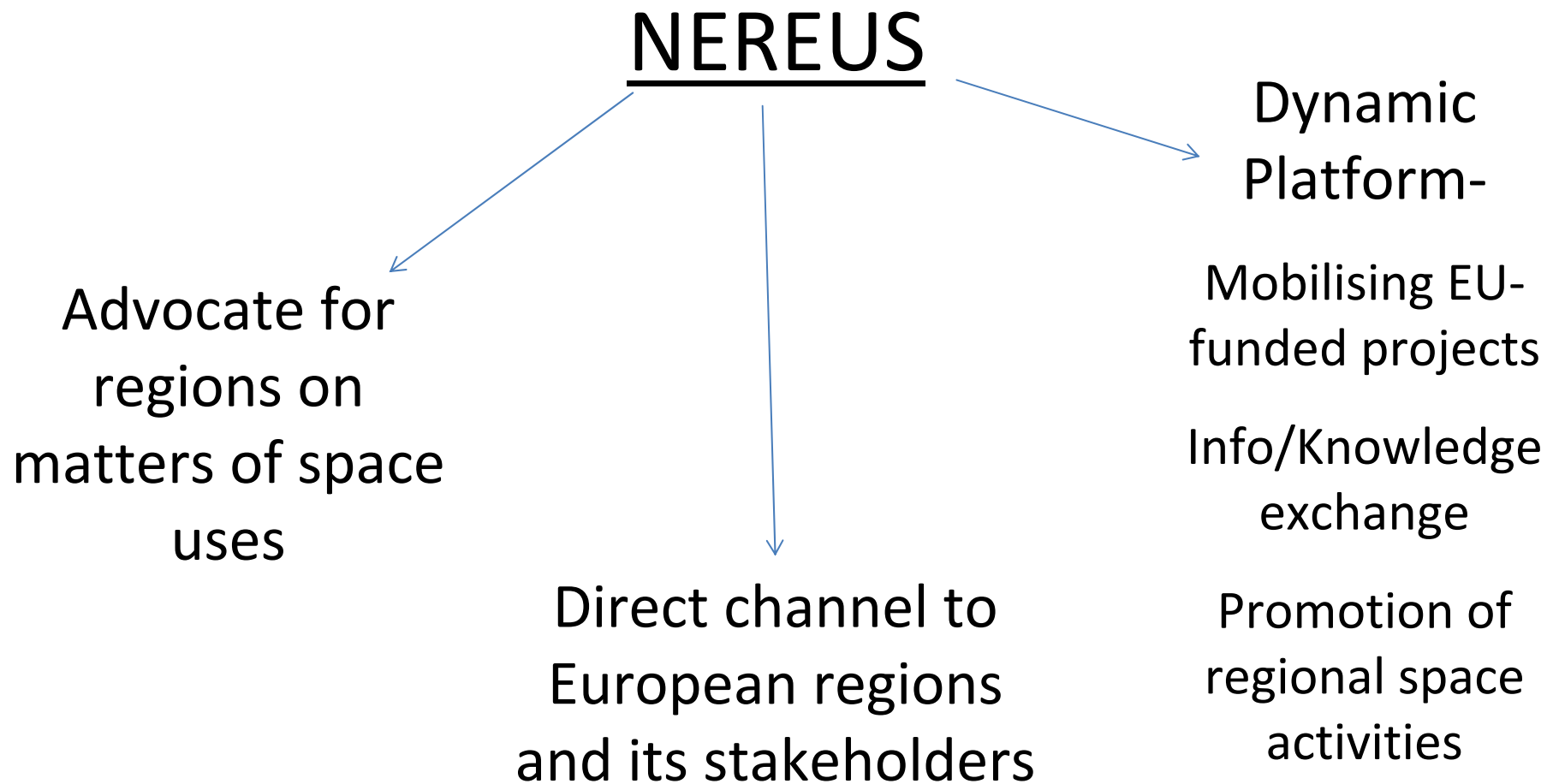
Core mission NEREUS

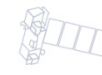
Spreading use of space technologies at regional level

Stimulating the development of space applications

Awareness raising/Promotion for potential of space and its benefits for regions and their citizen

What do we offer to regions? (1)





What do we offer to regions? (2)

- Mobilizing convincing EU-funded projects and activities
- Promoting member's space activities and projects (NEREUS-website, events, publications, dissemination of project results)
- Information and knowledge exchange
- Networking and building strong partnerships

Why regions?

Regions in their institutional role:

- large end-user group
 - thus key market for Copernicus data and services
 - Regions need Copernicus data to comply with current EU-environmental legislation, to implement wide range of EU-Directives e.g. EU-Air Quality Directives, Ground Water Directive, INSPIRE etc.
- ⇒ EUROPE lacks a full overview for the implementation of which Directives Copernicus data might be helpful!!!

Regions as a fertile ground to develop Copernicus applications

- Regions are the closest level to the European citizen
- Regions host different institutional player and different economic and business communities (non-space sector and space sector)
- Regions support and host innovation stimulating structures (such as business parks, clusters, networks, etc.)



Optimal Exploitation of Copernicus

- Promotion and Awareness Raising
- SME-support structure in Europe has to be adapted to challenges of Copernicus exploitation
- Better linkage of space and non-space sector
- End-user mobilisation
- Better dialogue between end-user and service provider



Regions and SME, innovative start-ups, entrepreneures



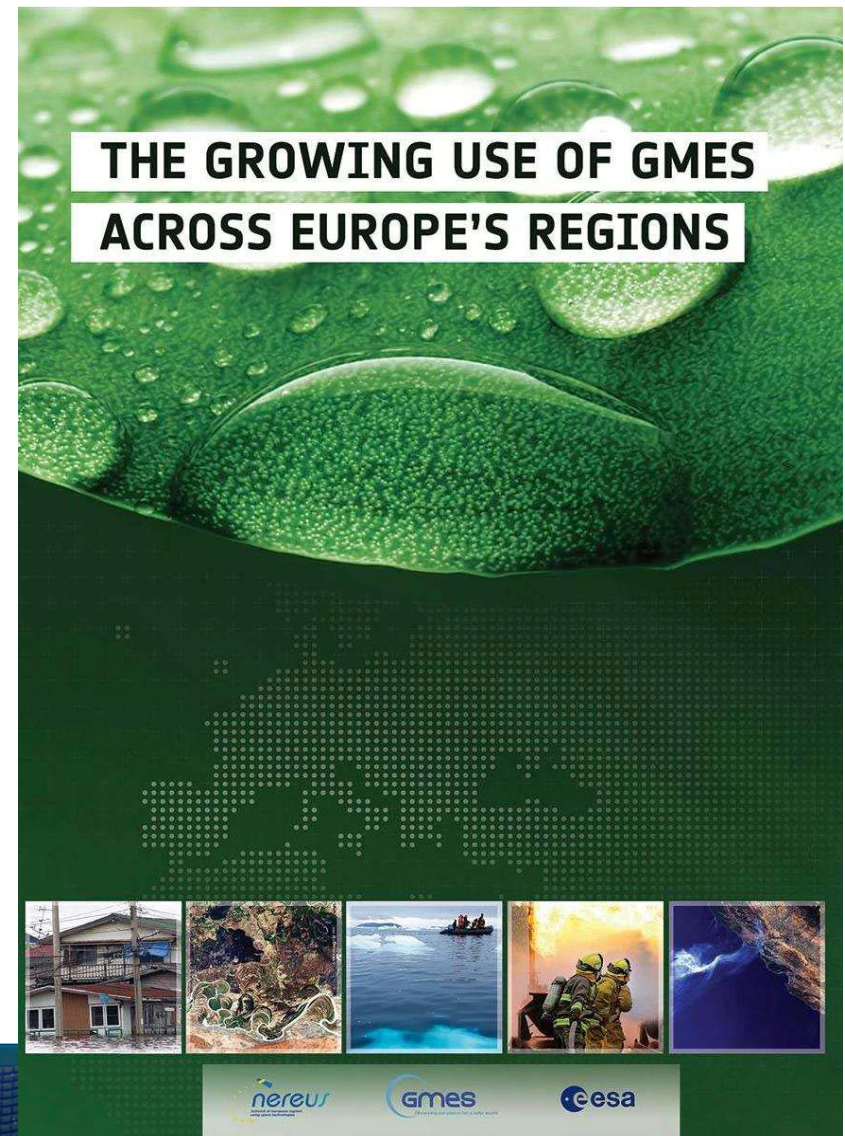
- 27/28 February 2014 SPACE4YOU conference in Bari
- Copernicus for Regions – Network of Regional Contact Offices across Europe
- More Promotion for the commercial and economic potentials



NEREUS/ESA-collaboration (1)



- Joint NEREUS/ESA publication
 - Through a call for articles project team gathered 67 regional GMES-uses from 47 different regions covering 17 Members States
 - Reference book for policy makers to understand the social and economic benefits of Copernicus uses in Europe



Lessons learnt

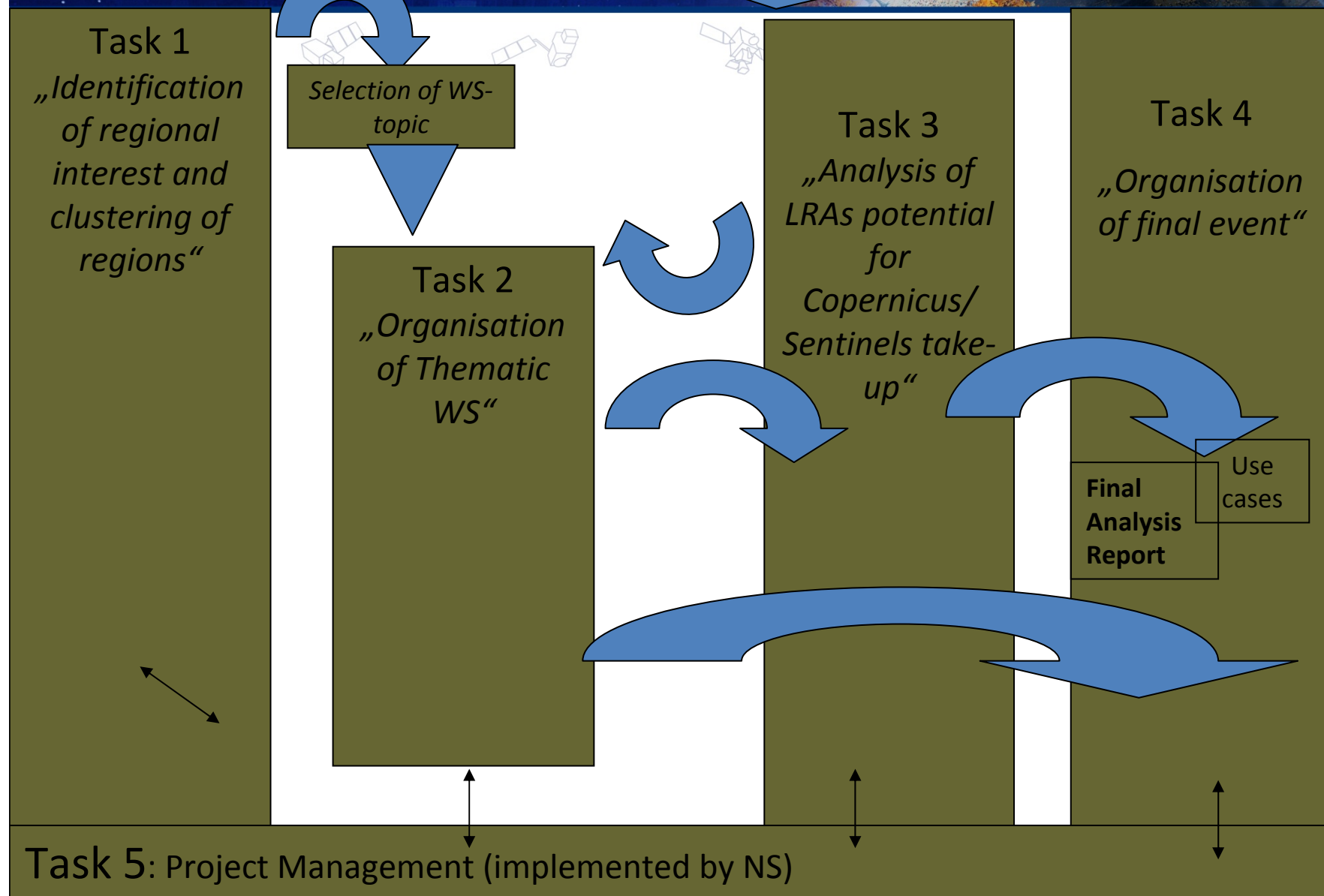
- Numerous examples are already available to demonstrate that Copernicus is an important tool to contribute to better informed decision making, more effective deployment of resources and long term planning and decision making
- Space community and service provider need to communicate more effectively with non-specialist audience, more focused on solutions, benefits etc.
- Potential end-user better defined and approached
- Dialogue/interaction between LRA and service-provider needs to be enhanced
- More knowledge and information about needs of LRA's is needed



New NEREUS/ESA-Initiative

“Improving Copernicus take-up among Local and Regional Authorities via dedicated thematic workshops”

- Launching a dialogue between local and regional authorities (LRA) to collect information and learn more about their specific needs and the obstacles/roadblocks for deployment of Copernicus Services
- Follow-up to previous Copernicus-collection





Launch of Online consultation

Local and Regional Authorities (LRA) will be invited to indicate their priority topic among 12 topics (online questionnaire via NEREUS-website):

- Coastline monitoring
- Environmental planning and land management
- Off-shore wind energy production
- Air-quality
- Agro food
- Spatial planning
- New EO-technologies for environmental and natural risks
- Natural Resource Management
- Crop yield prediction by remote sensing
- Land motion monitoring
- Satellite Applications for Smart Cities
- Satellite Regional Environmental Management



Make your LRA participate:

⇒ **PLEASE SUPPORT US and mobilize your LRAs to participate in this consultation!!!!**

[http://www.nereus-regions.eu/Online_consultation ESA NEREUS COP 2014](http://www.nereus-regions.eu/Online_consultation_ESA_NEREUS_COP_2014)



- Following the Workshops: Analysis of WS-outcomes in a comprehensive overall analysis with respect to the EU-programs of the next decade (Horizon2020, Structural Funds post 2014 etc.)
- Festive Presentation of project outcomes and debate in Brussels



Next NEREUS-Meetings

06 June 2014

Meeting of the German Network
Community in Berlin

26 June 2014 – tbc

Conference on the idea of a European
Innovation Partnership (EIP) on Space
as an enabling tool to existing EIPs

7 October 2014

OPEN DAYS 2014 Workshop
"SPACE4REGIONS: Satellite solutions as
a driver for innovation and growth"

19 November 2014

General Assembly 2014