

NEREUS

General Assembly
Tuesday, 30 October 2012

Activities in 2011/2012 and Outlook 2013

Regional Strategy: Regional Meetings

- Venice, 16/17 April 2012
- Brittany, 31/5-01/06 2012
- Basilicata, 08 June 2012
- Toulouse Space Show, 25/28 June 2012
- Berlin, 11 September 2012
- Potsdam, 08 November 2012
- Madrid, 29 November 2012

In 2013:

Bremen,.....

How about your
region?

Who is next?

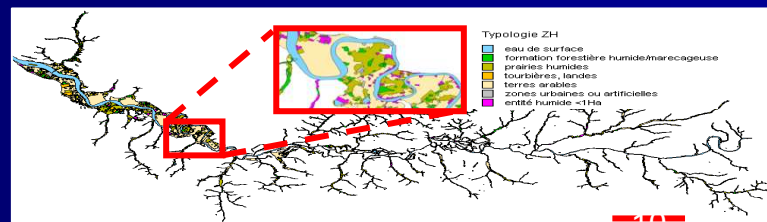
GNSS-WG

- 16/17 April 2012 WS in Venice on EGNOS/GALILEO for marine and maritime applications: opportunities and challenges for European regions
- Organized by Veneto region, CORILA, NEREUS
- Dialogue with end-user (port-authorities)
- WS-conclusions with recommendations to improve end-user dialogue and stimulate development of space applications

St. Malo, Brittany May/June

- BreTel 2012: Monitoring of the environment in the framework of the NEREUS working group on GMES
- Organized by The Scientific Interest Group BreTel (Bretagne Télédétection – Brittany Remote Sensing) and the Brittany Region
- More info:

<http://www.bretel.eu/workshop-bretel-2012/final-program/>



Matera, Basilicata – 8 June 2012

- International Workshop: “Smart Specialization of Basilicata in space technologies”. Towards a smart specialisation in the field of space technologies the contribution of European regional policy to Europe 2020
- Organized by Basilicata Region in collaboration with NEREUS, the National Research Council, the University of Basilicata, the TeRN Consortium and Sviluppo Basilicata
- More info:
<http://www.nereus-regions.eu/node/198>



Berlin, ILA – 11 September 2012

- Meeting of German network community
- Among invited speakers: representative of German Space Agency (German GMES-Program), representative of National Contact Point, representative of EC, DG Enterprise - EGNOS/Galileo
- Regional representatives presented activities of their region (e.g. GMES-master)
- Up-date on working groups, network activities etc.

Core elements of WP 2013

- Regional Anchorage
- Target group specific communication
- Partnership/Cooperation with ESA

Regional Anchorage – 2013 more present in NEREUS-regions

- Planned 2-3 regional meetings and spreading NEREUS-tools (Bremen,....)
- Awareness raising towards different societal target groups - Grow NEREUS-exhibition and develop further relevant promotion/info-tools
- Joint proposal for OPEN DAYS 2013 (NEREUS-regions, EURISY, ESOA)
- Support/Promotion of NEREUS-partners projects and initiatives (DORIS_Net, THE ISSUE, BRESAT, SABER)

Regional Strategy: Tools

- NEREUS Information material in native languages
- NEREUS-video was translated in all native languages of the network – video is available via website:

http://www.nereus-regions.eu/NEREUS_videopage

- NEREUS-exhibition (poster presentations, video and publications) moves across member regions

2013: We wish to grow the NEREUS-exhibition

With objects explaining/demonstrating space uses and interactive material (see call)

http://www.nereus-regions.eu/sites/all/events/SpaceExhib2012/Space%20Exhib._2012_call.pdf

Core elements of WP 2013

- Regional Anchorage
- Target group specific communication
- Partnership/Cooperation with ESA

Target group specific Communication

- Growing regional contacts
- Addressing different target groups at regional level
- Translation of NEREUS/ESA-GMES publication

Partnership/Cooperation with ESA

Strategic Partnership/Cooperation Agreement with ESA

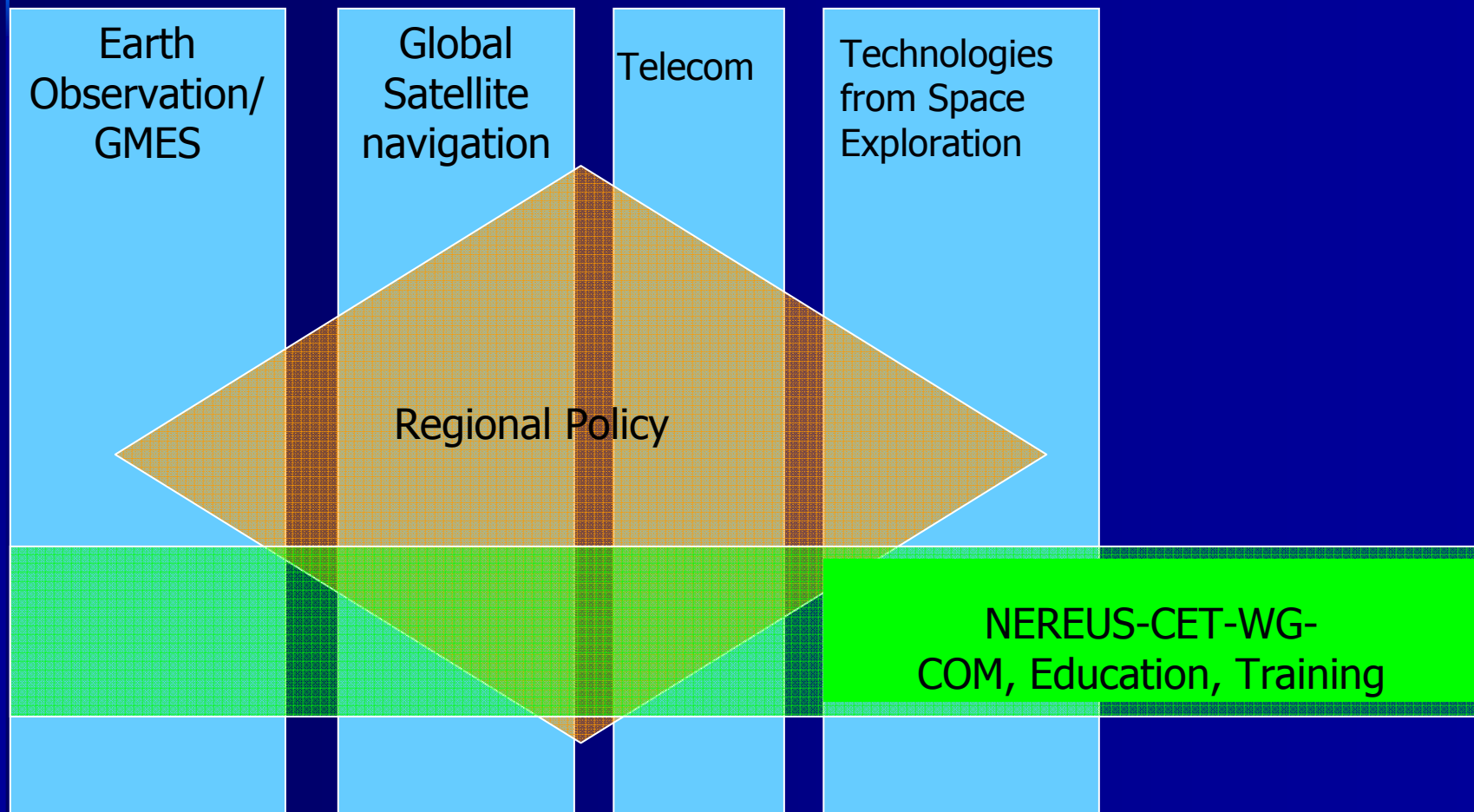
Long term

ESA/ESRIN
(Rom) -
ESA-GMES-Office
**GMES-
Initiative**

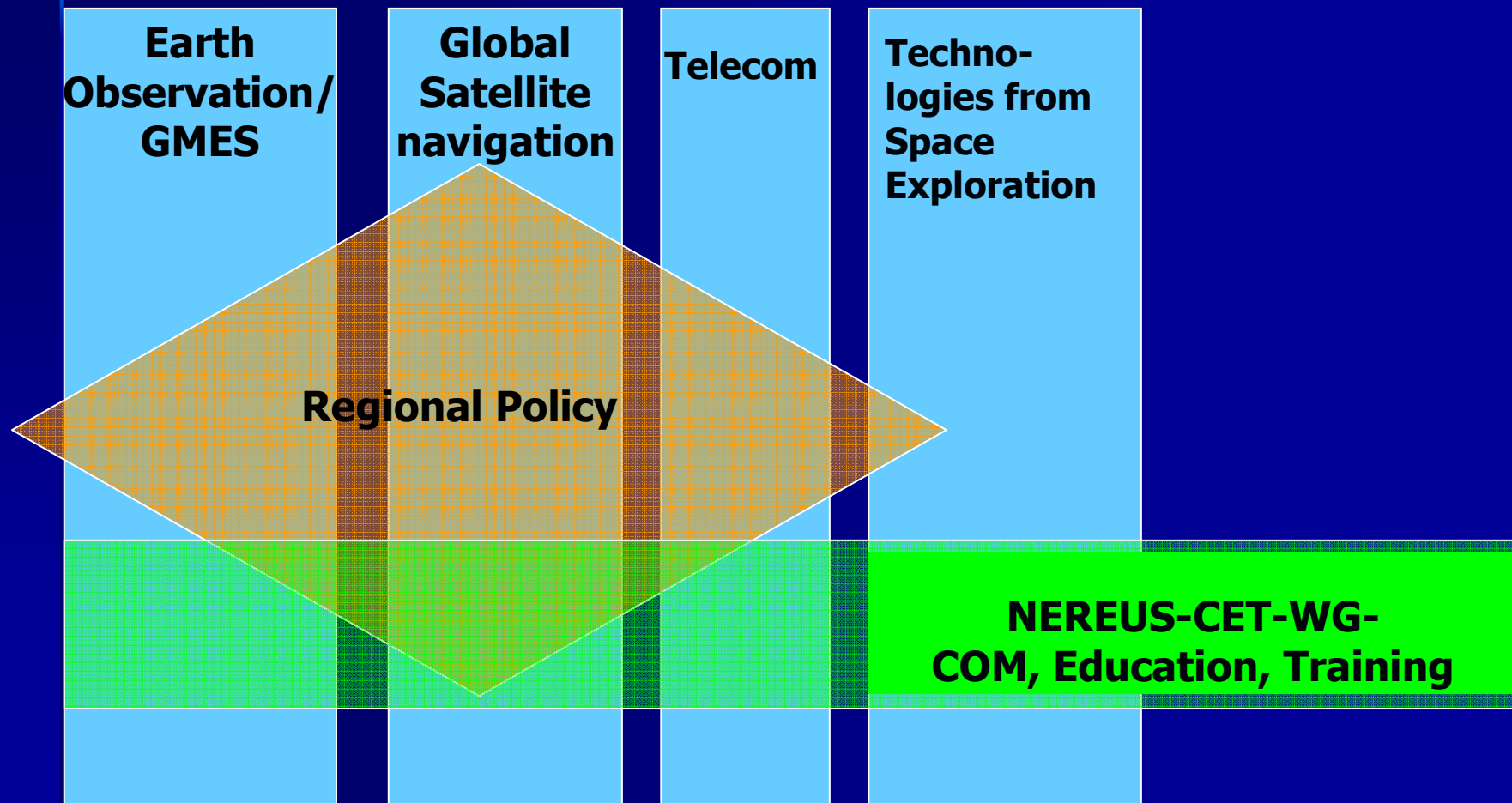
ESA-Policy
Department
(Paris)
**Cooperation
ESA and
European
Regions**
(Innovation,
SME, Growth)

ESA/ESTEC
(Noordwijk)
**Linking
NEREUS and
Ambassador
Platforms
plus
IAP Program**

NEREUS-WG 2012



Most NEREUS-WG need reform



In 2013: Reform working structures

- 3-4 Thematic Workshops in partnership with NEREUS regions and relevant partner organisations (EURISY, ESOA, ESA, ESPI etc.) and associate NEREUS-WGs
 - a.) Maritime Security (Bremen)
 - b.) Civil Emergencies (???)
 - c.) Agriculture
- WS with CET-WG and Explo-WS
 - WS could contribute to stimulate NEREUS-WG-community and attract new regional actors
 - Experiences of WS might contribute to reform working structures

Financial Engineering

- Exploitation of relevant EU/ESA funded programs: together with Brussels based strategy group analysis of relevant funding programs
 - Exploitation of structural/cohesion funds for development of space related services
 - Smart Specialisation
 - Horizon 2020
 - SME-Programs
 - ESA Programs (IAP-Program, TTP)

→ Secretariat elaborates information tools for regions

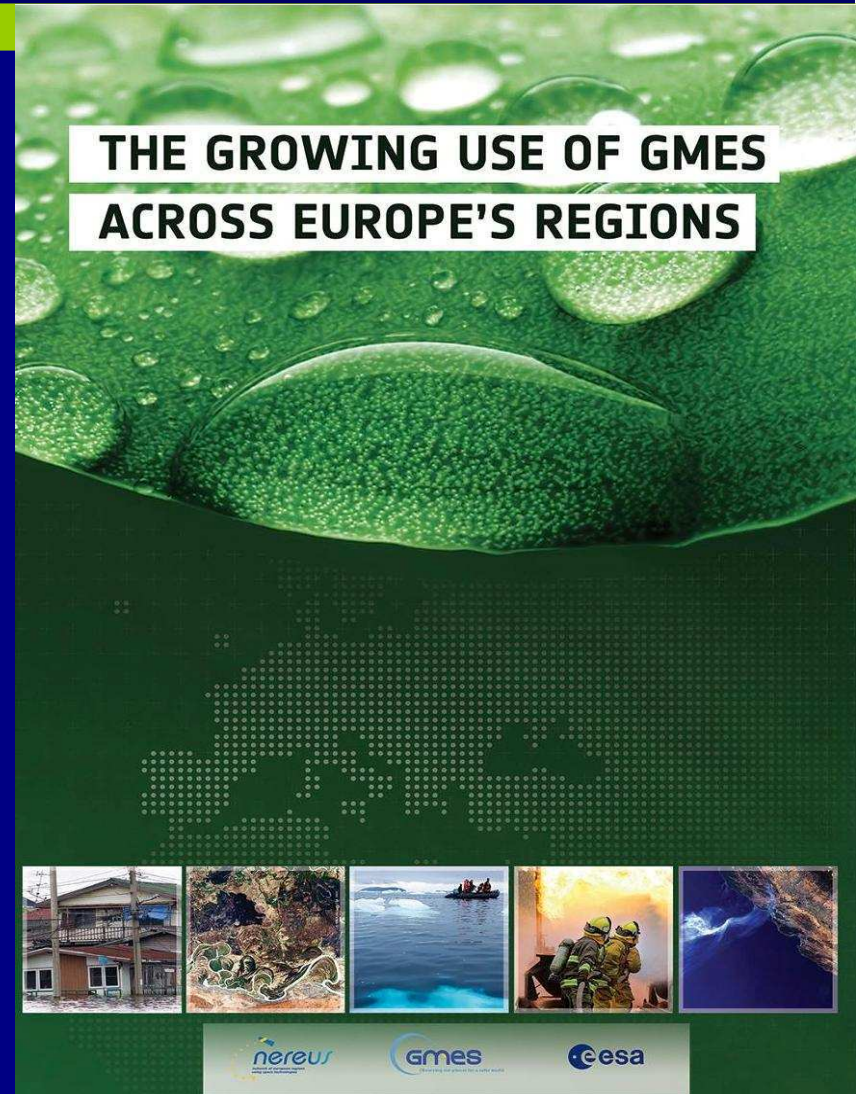
Dynamic Platform to mobilize projects

- Joint NEREUS/ESA-initiative
- DORIS_NET grew its network of RCO's
- THE ISSUE
- ERASMUS
- BRESAT and SABER initiatives:
Thematic Networks on Broadband
- 2013: Madame Curie, SME

EO/GMES

67 regional GMES-uses
from 47 different regions
covering 17 Members
States

Reference book for policy
makers to understand the
social and economic
benefits derived from the
use of GMES in Europe



DORIS_NET and RCO's

- DORIS_NET – (Downstream Observatory organised by Regions active In Space - Network) NEREUS-flagship project
 - Consortium comprises 13 NEREUS-partners
 - Core outcome: Creation of a network of GMES Regional Contact Offices (RCOs) whose mission is to stimulate and facilitate the exchange GMES expertise, data, services and best practice across and between regions
 - 6 RCO's in NEREUS-regions: Azores region (SRCTE), Bremen, East Midlands region (G-STEP), Lombardia (CNR-IREA), Midi-Pyrenees/ Aquitaine (CETE Sud-Ouest), Basilicata (TERN)
 - Part of the GMES4Regions initiative powered both by DORIS_Net and the parallel project GRAAL
- ⇒ SUSTAINABILITY of RCO's structure one of major challenges 2013/2014.....

THE ISSUE

- THE ISSUE: Traffic- Health-Environment- Intelligent Solutions Sustaining Urban Economies –
- Funded within the EC Regions of Knowledge project of the EU FP-7-program
- Consortium comprises research clusters from 5 NEREUS-regions (East Midlands, Molise, Mazovia, Midi-Pyrenees and Aquitaine Regions)
- Creation of a vibrant partnership of regional research clusters to bring together and coordinate already-existing and projected RTD programmes relevant to “THE” both within the clusters and more widely in the broader European research community

ERASMUS-Project Proposal (1)

- 12 day masters level summer school to train students from partner institutes in the principles of Earth observation with applications to land, atmospheric and ocean monitoring

ERASMUS-Project Proposal (2)

- Co-ordinating Institute: University of Leicester, UK
- Partner Institutes: 1) Universidade dos Açores, Portugal. 2) Escuela Técnica Superior de Ingeniería de Sevilla, Spain. 3) Università degli Studi della Basilicata, Italy. 4) Politecnico di Milano, Italy. 5) Université de Rennes 1, France. 6) Université Rennes 2, France. 7) Institute Telecom Bretagne, France. 8) Université de Bretagne Occidentale, France

Objectives

- Increase student awareness and exposure to Earth observation research and industry, including practical experience of specialist software and tools for the analysis of satellite data
- Encourage interdisciplinary and collaborative approaches to solving Earth observation problems in different market and social sectors.

Voice of European regions - Advocate of Regions for matters of space uses (1)

- In 2011 two NEREUS-position papers with the respect to the future funding of Europe's space programs, in particular GMES
- NEREUS contributed its position to opinion of the CoR to the EC Communication "*TOWARDS A SPACE STRATEGY FOR THE EUROPEAN UNION THAT BENEFITS ITS CITIZENS*"
- NEREUS input to report by MEP Marian Jean Marinescu Proposal for a regulation on the implementation and exploitation of European satellite navigation systems (vote scheduled for 19/12/12)

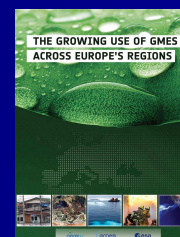
Voice of European regions - Advocate of Regions for matters of space uses (2)

- Panel Debate on the occasion of the Toulouse Space Show, 26/06/2012: "Europe's Regions a greenhouse for developing space applications?" - reflecting on the role of regions as political and economic decision makers to promote the development of space applications and services across Europe
- Among the invited speakers regional representatives, Paul Weißenberg (EC), Amon Ginati (ESA), Gerhard Stahl (CoR), GSA and of the French Ministry for Ecology



Voice of European regions - Advocate of Regions for matters of space uses (3)

- Parliament Debate and festive launch event of NEREUS/ESA-GMES-publication on 10/10/2012
- Among the invited speakers ESA-Director Volker Liebig, MEP Glante, Prodi, A. Patriciello, Head of EC-GMES-Bureau Schulte-Braucks, end-user representatives, Prof. Wells
- 114 registered participants
- Covered on ESA-website and more info on NEREUS-website



Political Dialogue

- Enhancing contacts with DG Reggio
 - a) Meeting NEREUS/ESA to present GMES-Publication (level Director Nießler)
 - b) Breakfast Briefing NEREUS/EURISY (level: head of unit)
 - c) Reflection/Debate on approaches to get more space into regional programs and activities
- Enhancing contacts to members of the CoR/Enve-Commission

Channel to and from regions

- In 2012 Mini-study report: "*Smart Specialization in Space:
The economic potential of space technology and downstream services for Europe's regions*"
- Study of the Italian regions "*Territorial satellite technologies: the NEREUS network's Italian experiences*"
- NEREUS/ESA initiative « Growing the use of GMES »

Thank you for your
attention