



































DORIS_Net: presentation outline

- 1. Short summary on DORIS_Net (objectives RCO network)
- 2. Achievements
- 3. Draw backs
- 4. Measures of success
- 5. Sustainability
- 6. Conclusions Lessons learnt









DORIS_Net: "Downstream Observatory organised by Regions active In Space – Network,, - Coordinated Action SPA.2010.1.1-07, FP7 Space, Feb 2011-Jan 2013

Objectives

To create GMES Regional Contact Offices (RCO) in DORIS_Net (Core) Regions with people expert in GMES to support regional actors (companies, research, endusers, regional authorities, ...) in

- 1. being aware of the opportunities of GMES
- 2. being trained and guided in developing new products
- 3. participating in dissemination events on GMES

To link RCOs in a network, sharing knowledge, tools, events and practices

To spread knowledge from the network to the interested public in the regions, countries, Europe (e.g. GMES, CoR)











Tasks of a Regional Contact Office:

- Maintaining a detailed and updated picture of the regional actors in GMES (inventory of capacities and needs)
- Creating events to inform actors on GMES and leverage their awareness
- Participating in the shared activities of the network; in particular
 - producing market observatories (catalogue of services, review of needs)
 - **dissemination** (production of success stories, fact sheets, presentations, research briefs)
- Tutoring new regions in their activities on GMES, recruiting new RCOs

RCOs established in:

- CNR IREA, **Lombardia**, (It) Coordinator
- CEON, **Bremen** (D)
- CETE, Midi Pyrénées + Aquitaine (Fr)
- G-STEP, Univ of Leicester, **East Midlands** (UK)
- SRCTE, **Azores** (Pt)
- TERN, **Basilicata** (It)
- POLE MER + GIS-BreTel, **Bretagne** (Fr)

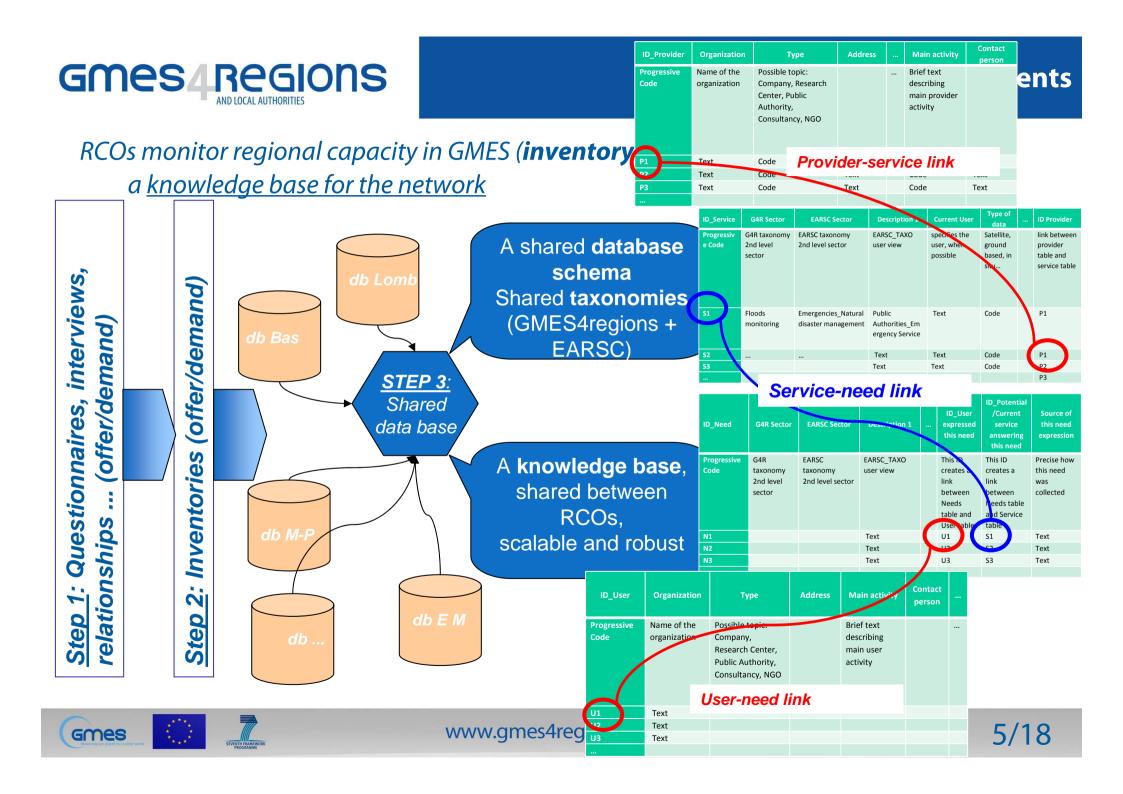


DORIS_Net is the first project fully mobilised on the **NEREUS platform**; it has been appointed "**NEREUS** flagship project"





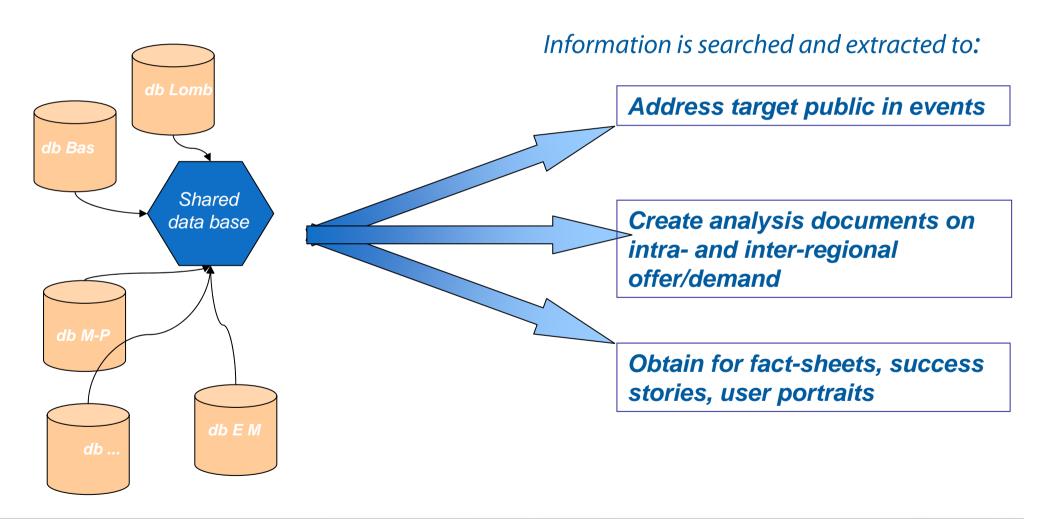








From the knowledge base to dissemination and results















Creating events in and to regions

Different level of involvement:

- Core regions (Azores, Aquitaine+Midi-Pyrénées, Bremen, East Midlands, Lombardia)
- Fast track regions (Baden-Wuerttenberg, Basilicata, Brittany, Castilla y Leon, City of Madrid, French Guyana, Mazovia)
- Outreach regions in Estonia, Finland, France, Greece, Hungary, Ireland, Latvia, Portugal

Different dimensions:

From business breakfast ... to large meetings

Different aims and target:

- To leverage actors awareness on GMES (in particular SMEs, regional decision-makers and clerks)
- To encourage demand-offer meeting
- To encourage SMEs-research meeting
- To perform synergic action between regions with similar priorities
- To recruit new RCOs

















GMes4Regions AND LOCAL AUTHORITIES



Creating events in and to regions: more than 50 events held











DORIS_Net: achievements



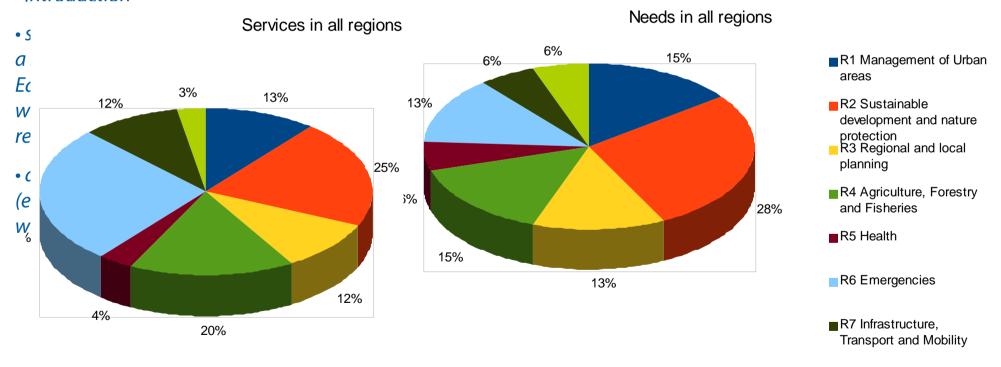
Producing market observatories: catalogue of services, review of needs

D3.4: "Downstream Service Catalogue" a public report aimed at regional end-users

Introduction



. Introduction on IRAc their priorities and interests the











DORIS_Net: achievements



Dissemination: within GMES4regions



Information on each RCO



Inserves as anyonic centre of CMES expertise.

The man basis of the CCO per to:

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Users' portraits on "Window on GMES" (launchedDec 2012)



Research Brief of the Virtual GMES Academy

Research briefs











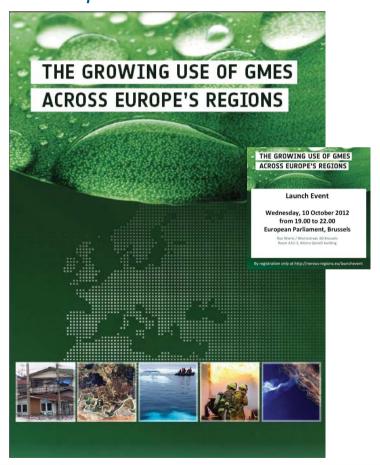


DORIS_Net: achievements



Dissemination: beyond regional events and GMES4regions channels

Fact sheets on **ESA-NEREUS brochure** presented at Eu Parliament:





Special issue of the

Eu J. of Remote Sensing

on

"Satellite Remote Sensing in the Service of Regional and Local Authorities" (vol. 45, 2012)

Linking GMES Space Component to the development of **land policies in Outermost Regions**— the Azores (Portugal) case-study

Monitoring urban development consolidation for **regional management on water supply** using remote sensing techniques

Use of satellite remote sensing for **coastal conservation** in the Eastern African Coast: advantages and shortcomings

Synergy between **GMES and regional innovation** strategies: Very High Resolution images for local planning and monitoring

Ten years of **local water resource management**: Integrating satellite Remote Sensing and Geographical Information Systems

A hybrid multi-step approach for **urban area mapping in Milan Province**, Italy

Remote sensing supports the definition of the **water quality status of Lake Omodeo** (Italy)

An application of COSMO-SkyMed to coastal erosion studies

Portability of neural nets modelling **regional winter crop acreages** using AVHRR time series

Optimised Pattern Size for **land cover-land use** information conversion









DORIS Net: achievements

Tutoring new regions in their activities on GMES, recruiting new RCOs







Information on the RCOs, their

benefits and 'How to become a RCO'

(requirements, commitments)

How to become a GMES Regional Contact Office

Before starting, what is GMES?

GMES (Global Monitoring for Environment and Security) is the European Earth Observation programme for the delivery of products and services to manage and protect the environment and natural resources, and ensure civil security

Concretely, GMES is delivering spatial data, images and mapping services derived from satellite,

Applications of GMES extend over many fields, ranging from environment monitoring, marine safety

and transport, to urban t responsibility of public au relevant to industrial player

About the network of

If services are well implem continues to be rather unkn

The goal of the network of GMES at the regional scale GMES based services in th

these innovative tools which can have a significant impact on the economy, environment and quality

It is with the aim of and strengthening intra-regional and inter-regional dialogue that the idea of setting up a European network¹ linking regional and local authorities, service providers, local R&D institutions and policy makers came to life. Such a network is organized by the regions themselves. In each region, the network is materialized by a Regional Contact Office.

WHAT is a GMES Regional Contact Office?

A GMES Regional Contact Office (RCO) acts as a focal point in its region, at the interface of industry (GMES services providers), R&D actors, regional users and policy makers.



Hosted by an independent entity and mandated by its regional authority, it serves as regional centre of GMES expertise









Memorandum of Understanding

hetween

the European network of GMES Regional Contact Offices (DORIS_Net)

(insert the name of the organization joining the network)

acting as new RCO for the Region (insert the name of the endorsing Region)

DORIS_Net is a Coordination Action project funded under the 7th Framework Programme for Research & Development (project number 262789; Feb 2011 - January 2013), specifically targeted at fostering knowledge, structuring and awareness of GMES and its potential at the regional level.

This overarching goal can be divided into three high level objectives:

- . The improvement of regional participation in the GMES programme;
- · The regional provision of tailor-made Education and Training;
- . The establishment of an observatory of the GMES downstream sector providing a Tool supporting regions in their role as users, service providers and government.

In the frame of the project, the partners have set up a network of GMES Regional Contact Offices (RCOs) through which GMES data, services and best practices can be exchanged across and between regions. The network has been tested by a nucleus of European pilot regions and is now open to all Regions wishing to join and enjoy its advantages.

Objective and scope

The purpose of this Memorandum of Understanding (MoU) is to establish a framework of cooperation between the European network of GMES Regional Contact Offices (DORIS Net) (from now on 'the Network') and (insert the name of the organization joining the network) acting as new RCO for the Region (insert the name of the endorsing Region) in working towards a higher participation of regional public and private stakeholders in the GMES programme.

In particular, this MoU identifies the Network's offer or commitments that can be expected by the new Regional Contact Office and the commitments it should take to join the network

Principles of cooperation

The signatories to this MoU share the strategic and operational objectives and commit themselves to collaborate towards these aims





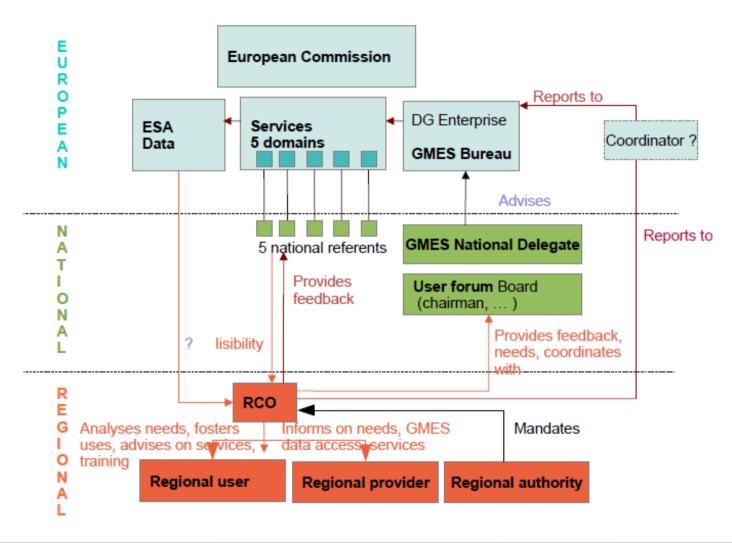


¹ The network has been initiated in the frame of DORIS Net, a Coordination Action project funded under the 7th Framework Programme for Research & Development, specifically targeted at fostering knowledge, structuring and awareness of GMES and its potential at the regional level.





Report on recommendations to inclue regions in the GMES Governance



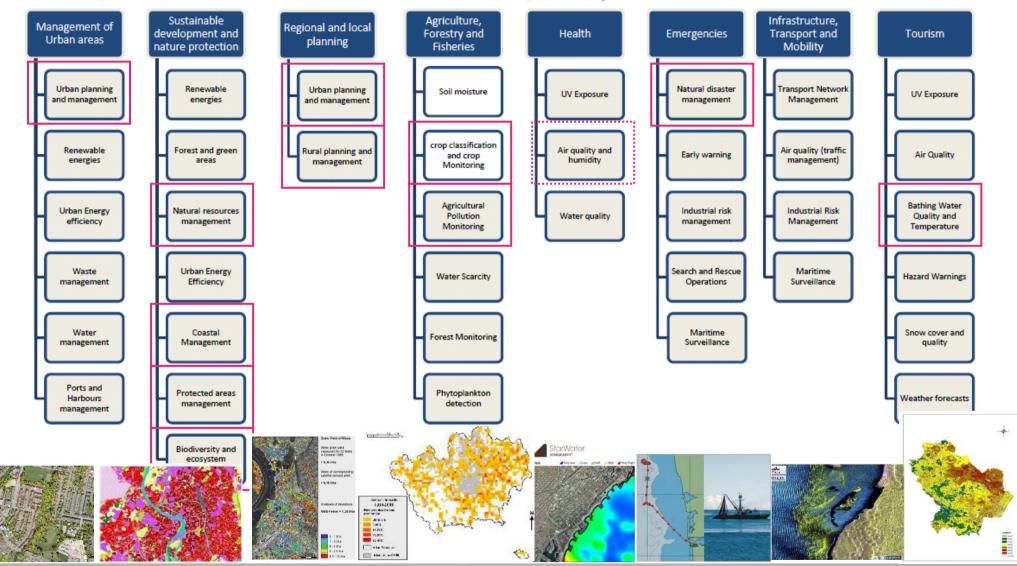






DORIS Net: achievements

Report on correlations between SMEs capability and user needs









• Change of coordination:

- about 2 months delay: major impacts on administrative tasks, tutoring events in regions, transfer and completion of the IT platform (and consequent deliverables)
- Joint events in GMES4regions continued!
- A regional network is a dynamic body: RCOs are strictly depending on regional economy and politics: situations, reliability, people ... change rapidly (see coordination)
 - Need of governance rules
 - Robustness of the shared IT platform
- GMES? What? Regional awareness of GMES is poor!
- Mmh ... Satellite images are toys for research ... Local end users are cautious on the integration of GMES in real-life processing (overselling of remote sensing products?)
 - Raising awareness of regional actors
 - Success stories with objective indicators of impact and commercial evaluation
 - Create trust, establish personal relationships ----> TIME is necessary









DORIS_Net: Measures of success

... within the RCO network

Establishment of foreseen RCOs	
New RCOs	©
Creation of regional inventories (demand/offer)	©
Creation of a shared platform structure	©
Tools for expansion and governance of the network	(a)
Contributions in the ESA-NEREUS brochure from all RCO 7/47 (12%) in all GMES domains	18/67 (26%)

... in GMES4regions

VA: descriptions of research bodies	3
VA: provided research briefs	© 12
WonG:users' portraits	© 8
Joint public events	© 3
40% 35% 30% 25% 20% 15% 10% 5%	Tot Land Marine Atm Clim Emer
egi 0%	16/18











Ongoing actions:

<u>each RCO</u> is developing a sustainability strategy to place the RCO network on an operational basis. The outline Business Plan predicates funding support from three possible sources:

- •In house Institutional Support,
- •Co funding from EC sources,
- •Direct revenue and service charges

The NEREUS Management Board has endorsed a <u>DORIS</u> <u>Net position paper</u> which sets out this Business Plan

The GMES4regions is an integral part of the DORIS - Net Business Plan for sustainability

But its <u>maintenance</u> will require specific funding resources from 2013 onwards Funding to support GMES4regions would not be available from Institutional resources RCOs are looking for perspectives









Conclusions

- DORIS_Net, soon ending, raised interest in many regions and organizations
- It seems to be one of the more lively communities in NEREUS
- RCOs are pursuing a promising activity to the benefit of GMES (regional awareness, local market development) and regions (innovation, end users federation, ...) -> they deserve trust and breath!

Lessons learned

- We learned that acting as a network is not easy nor fast, but it creates precious synergies
- ... that GMES awareness and potential is higher in regions hosting a RCO
- ... that RCO job and success is based on person-to-person relationships and deep knowledge of its own territory -> it takes time to grow! We're still at the beginning!































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www.gmes4regions.eu

