

Gmes4Regions

AND LOCAL AUTHORITIES

GMES Benefits for LRA

Helsinki, January 9th 2013

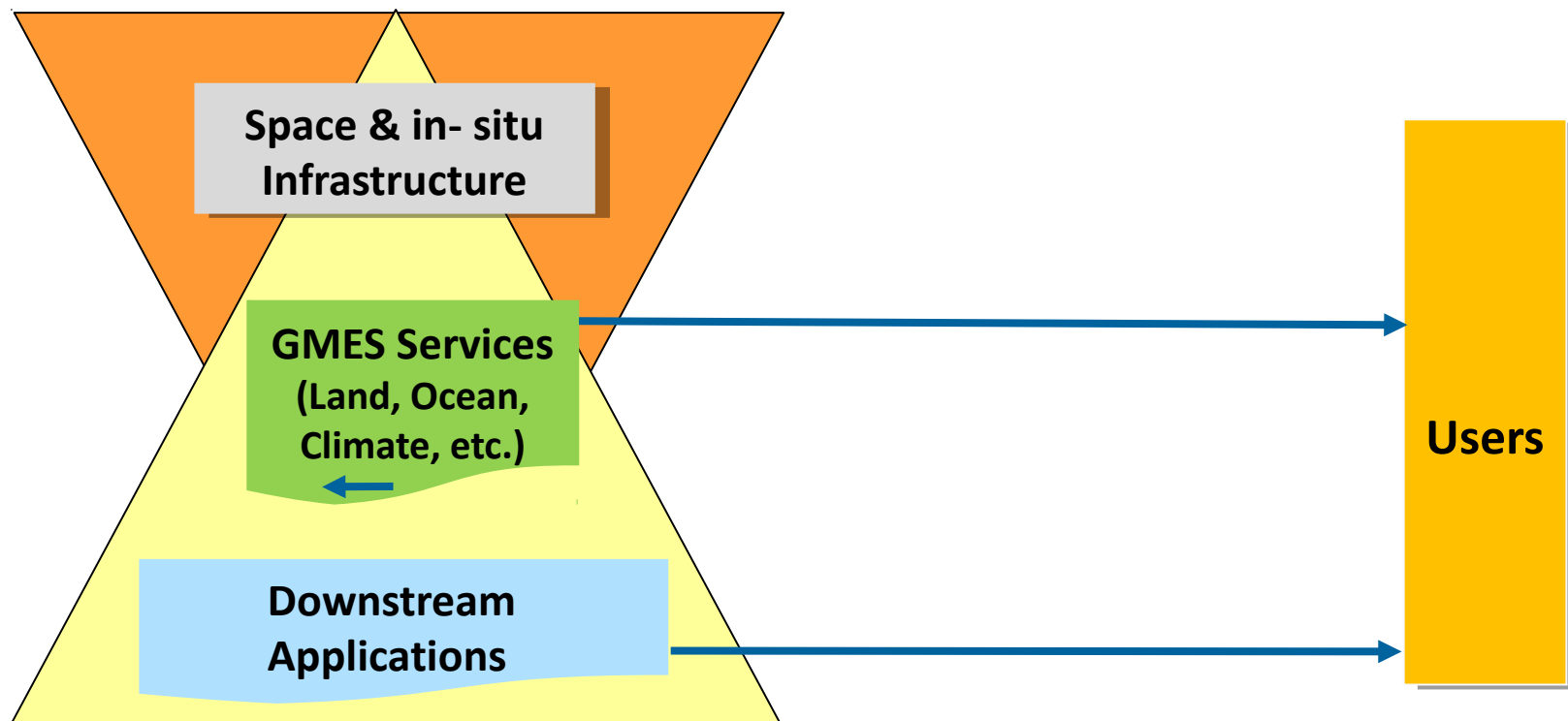
Christelle BOSC

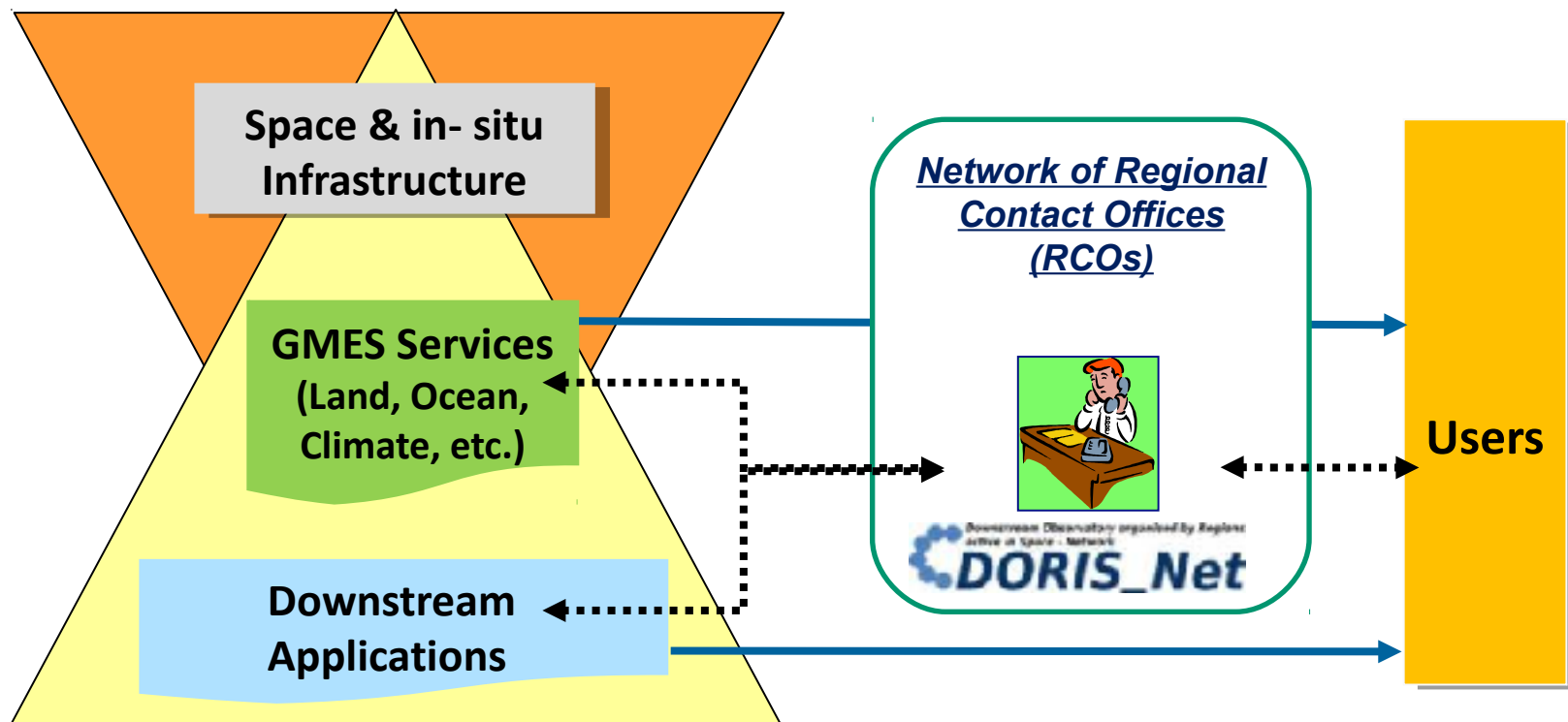
CETE du Sud-Ouest

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- GMES → european Program
- Why Regions should have a look at GMES (COPERNICUS)
 - Provide data
 - Provide visibility and emulation







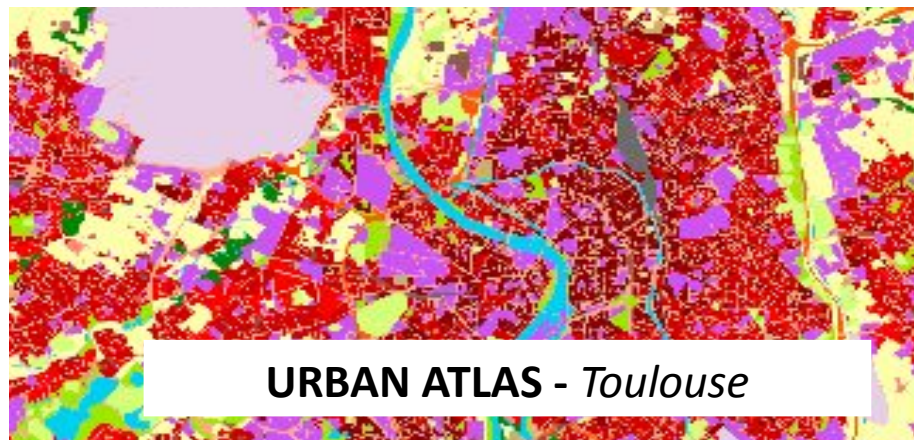
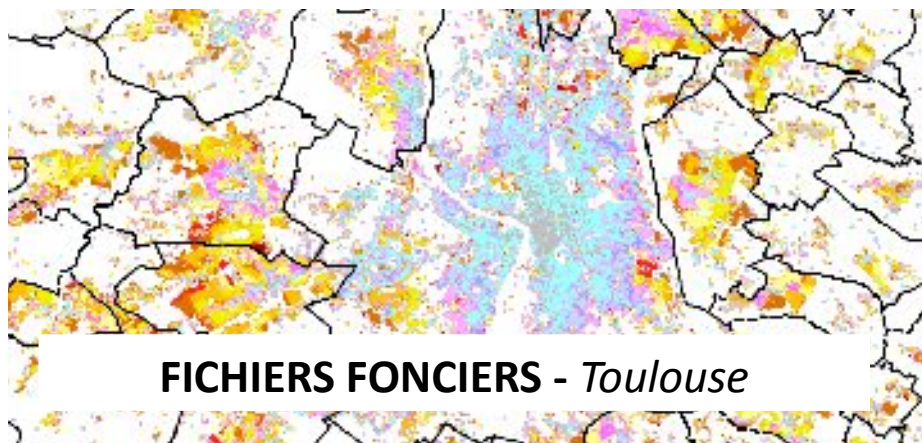
Network of Regional Contact Offices (RCOs) in order to make an effective and sustainable regional link to GMES
("link GMES to territories/ regions")

Midi-Pyrénées Region

Spatial Planning



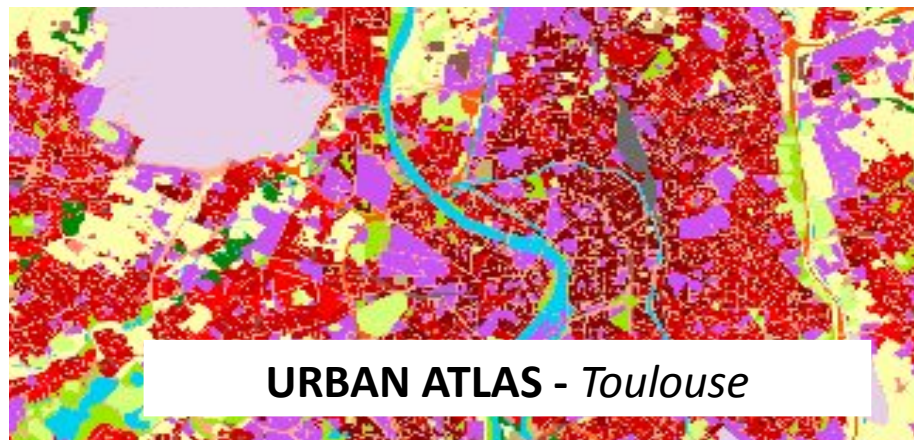
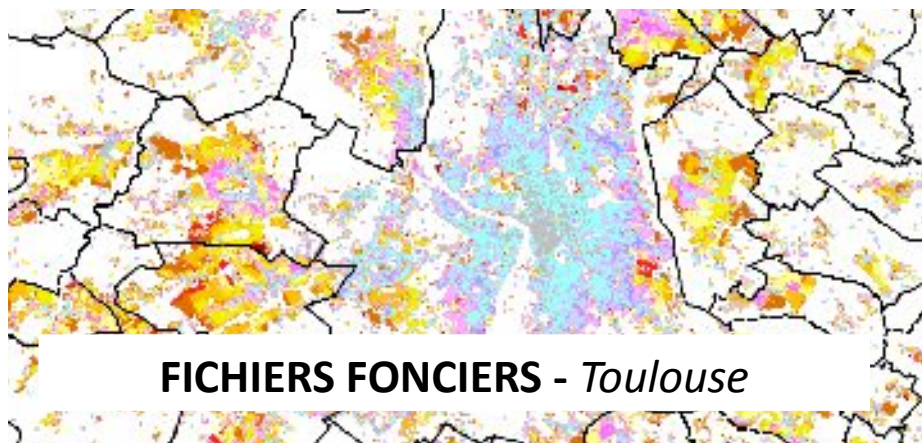
Data



Data

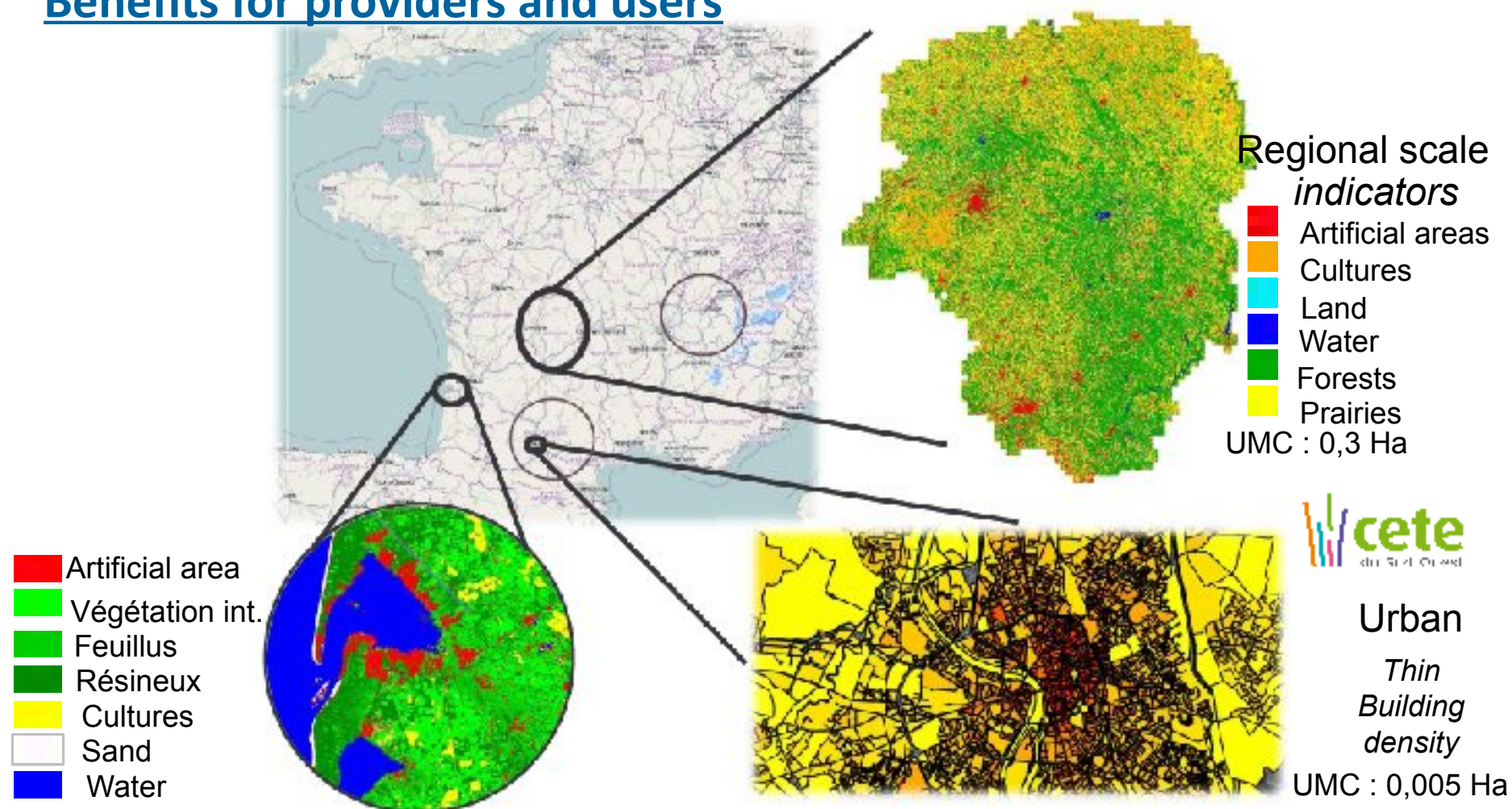
Positive Feedbacks of users

Providers benefits



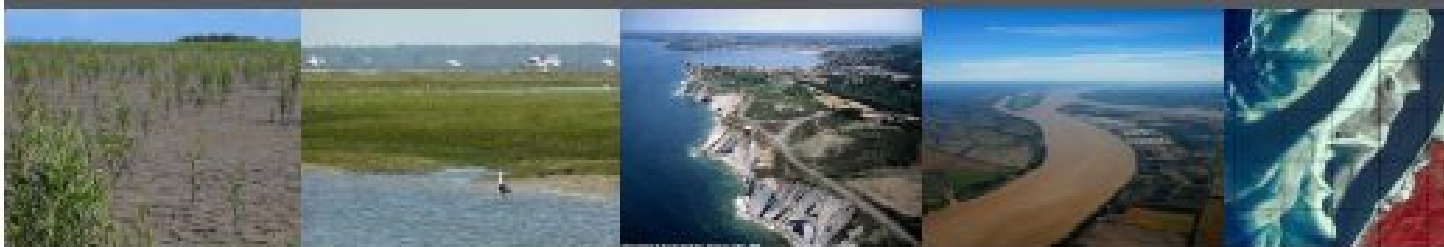
SIRS

Benefits for providers and users



Aquitaine Region

Coastline monitoring



OBSERVATOIRE
CÔTE AQUITAINE

Virginie Lafon
Cyril Mallet

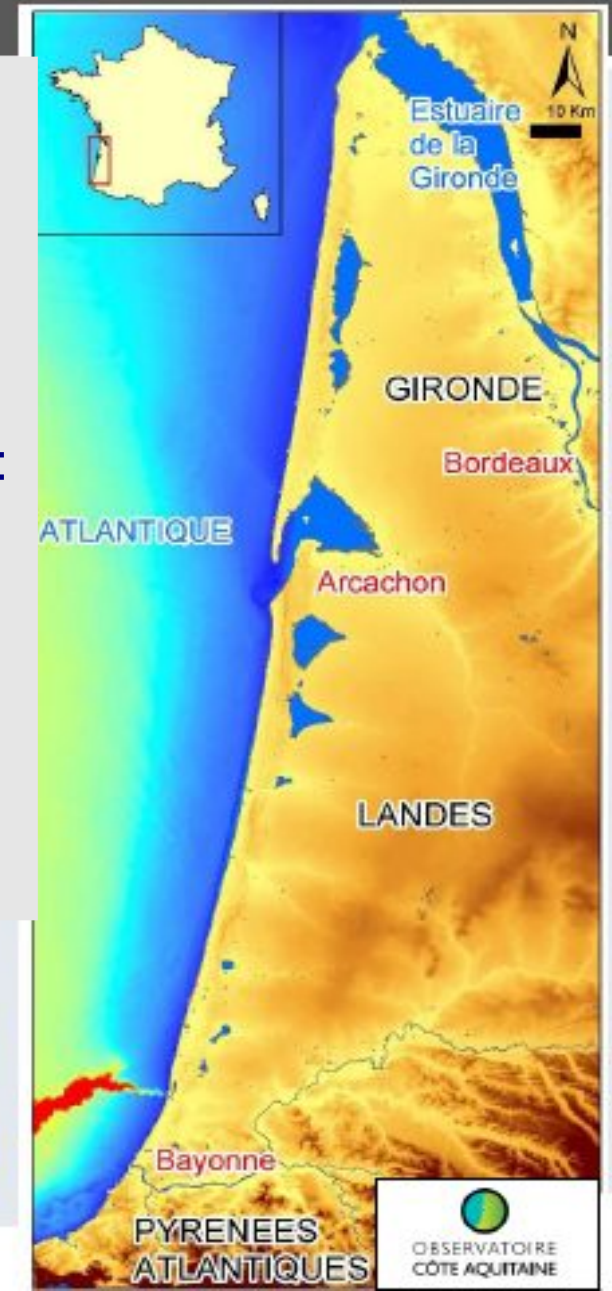
**S. Capo, A. Dehouck,
E. Maneux, A. Michot,
C. Proisy, R. Walker**

Spatial applications for coastal services

→ Coastline cartography

End-user: Aquitaine Coast Observatory

- 270 km Aquitaine Coast, erosion, storms... : need observations
- 1996 : Creation of « Aquitaine Coast Observatory » by **Region** : **need expertise**
- **Geo- Transfert** (transfer competencies from university) : **remote sensing for coastline monitoring**
- **Need for spatial application:**
Simultaneous information along 270km of coastline
High resolution images (erosion :1 to 10m /year)
Various morphology (sand, dunes, ..)

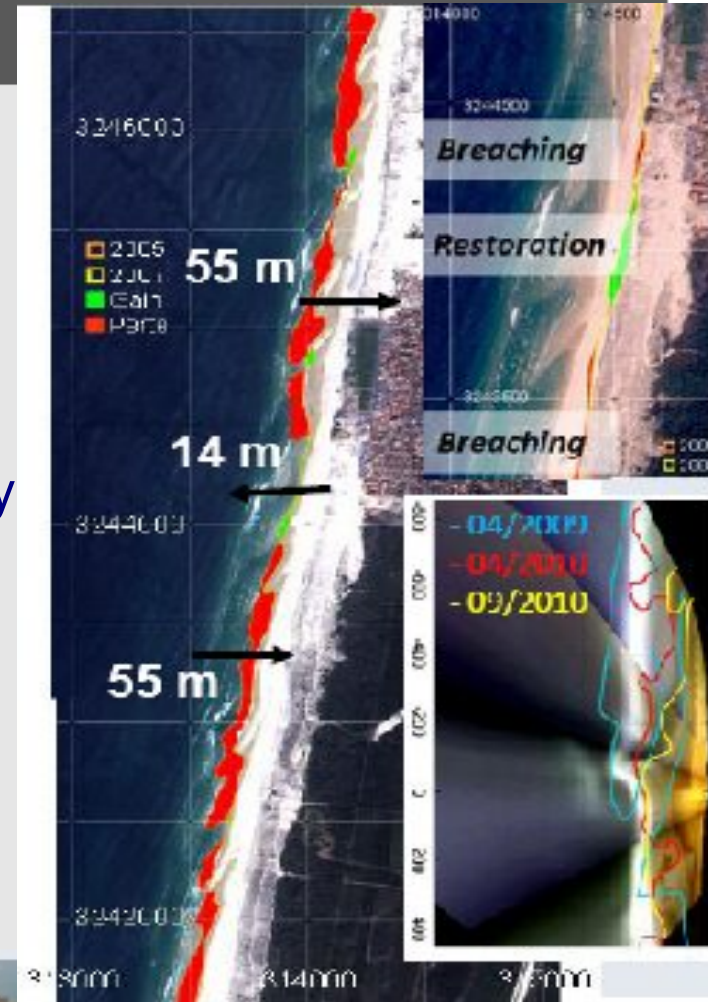


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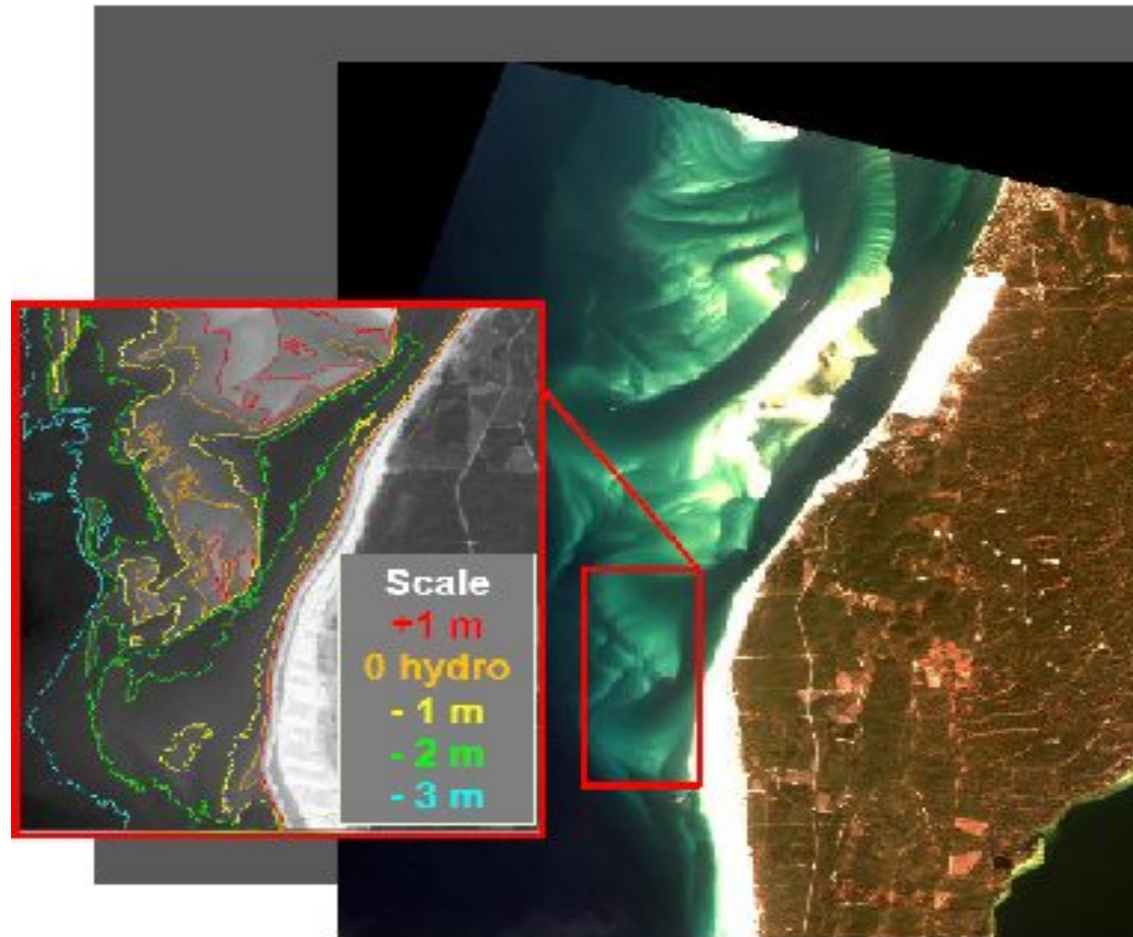
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Dune foot monitoring and bathymetry

Shallow Water Bathymetry



Geo-Transfert

User portraits « Windows on GMES »



GMES services help local authorities to prevent forest fires in Haute-Corse



ACTIVITIES IN THE MOUNTAINS OF HAUTE-CORSE ARE INCREASING. FOREST FIRES ARE BECOMING A MAJOR PROBLEM FOR THE REGION. THE REGIONAL AUTHORITY HAS DECIDED TO IMPLEMENT A GMES SERVICE TO PREVENT FOREST FIRES. THE SERVICE IS BASED ON THE USE OF SATELLITE DATA TO MONITOR THE STATE OF THE FOREST AND TO DETECT ANY CHANGES IN THE STATE OF THE FOREST.



Portrait of GMES users

After the 2002 forest fire, the local authorities of Haute-Corse have decided to implement a GMES service to prevent forest fires. The service is based on the use of satellite data to monitor the state of the forest and to detect any changes in the state of the forest.

The data produced from remote imagery in the GMES context are very useful. They enable us to monitor the state of the forest and to detect any changes in the state of the forest. The data are also used to monitor the state of the forest and to detect any changes in the state of the forest.

Portrait of GMES users
Portrait of GMES users and Portrait of GMES users

Growing uses (67) ESA-NEREUS



RCO Midi-Pyr. Aq



PRESENTATION DE QUELQUES SERVICES SATELLITAIRES EN APPUI LA GESTION DE LA MER ET DU LITTORAL

Le RCO Midi-Pyr. Aq
Le RCO Midi-Pyr. Aq
Le RCO Midi-Pyr. Aq



Portrait of GMES users
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Raising awareness Events and User forums



Brittany, June 2012



Toulouse Space Show, Land, 26.06.2012



Milan,
30.01.2012

Lisbonn, dec 2011, GMES Global Land

29.05.2012, Pessac, Coastal areas



GMES communications provides

- regional visibility
- european visibility
- knowledge and emulation



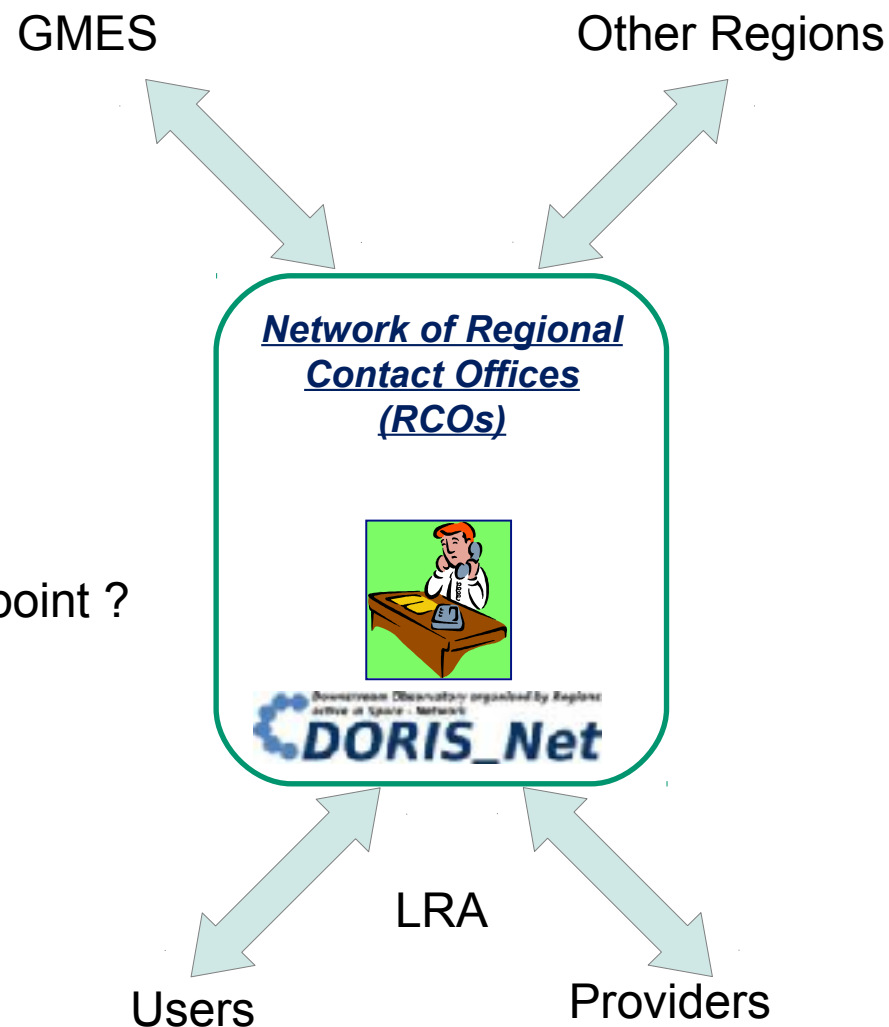
GMES communications provides

- regional visibility
 - european visibility
 - knowledge and emulation
- Economic development**
Collaboration, partners
Competencies (calls)



- For users
 - GMES catalogue ?
 - Access to data : where ? How ?
- For providers
 - Knowing the needs ?
 - Communicate on Regional actions , contact point ?
 - Meeting users
- For both
 - Calls opportunities ?

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Benefits of GMES for LRAs

- GMES provides answers to environmental needs
- GMES provide opportunity for regional providers to develop products
- GMES provide data for providers to develop new products
- GMES provides knowledge on innovation
- GMES provides regional visibility and economic development
- GMES provides european visibility

How to take those benefits--> RCO

For further information:

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Thank you for your attention!





THANK YOU

ANY QUESTIONS?

Venue
Presenter
Company
Contact