



What can SENTINELS do for Azores?

Ponta Delgada,
28 September 2015

Roya AYAZI, NEREUS Secretary General

Outline

- Background and Context of Project
- Objectives and next Steps
- Brief Introduction Participants and main elements of the project
- Brief Introduction of NEREUS

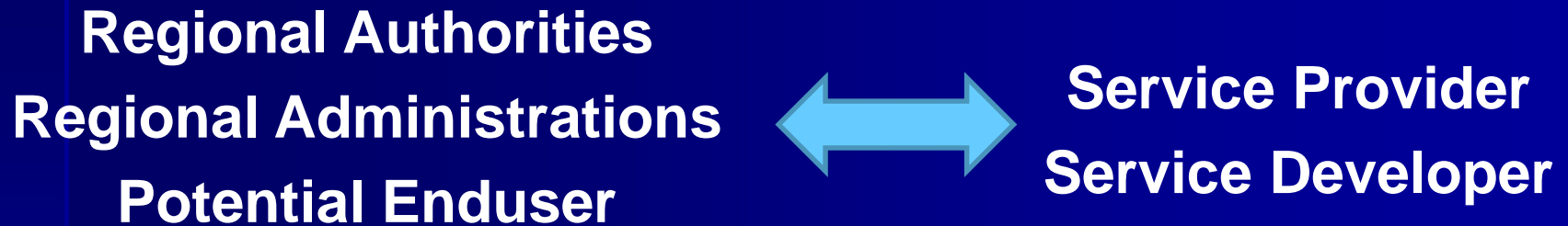
Background and Context of Project (1)

- ✓ April 2014: Copernicus System entered stage of operability and expanded range of operational services
- ✓ Substantial investments of Union (EU-Budget)
- ✓ Copernicus needs to deliver to society!
 - development downstream market (growth; jobs, business opportunities,)
 - societal challenges (environment, emergency, etc.)

Background and Context of Project (2)

- ✓ Long term Collaboration NEREUS-ESA/ESRIN
- ✓ Regions as key end-user important player
- ✓ Regions are a fertile geographic scale to stimulate development of downstream sector

Platform bringing together End-user and Service provider



PLATFORM

Joint NEREUS/ESA-publication 2012



THE GROWING USE OF GMES ACROSS EUROPE'S REGIONS

Through a call for articles, the project team gathered

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

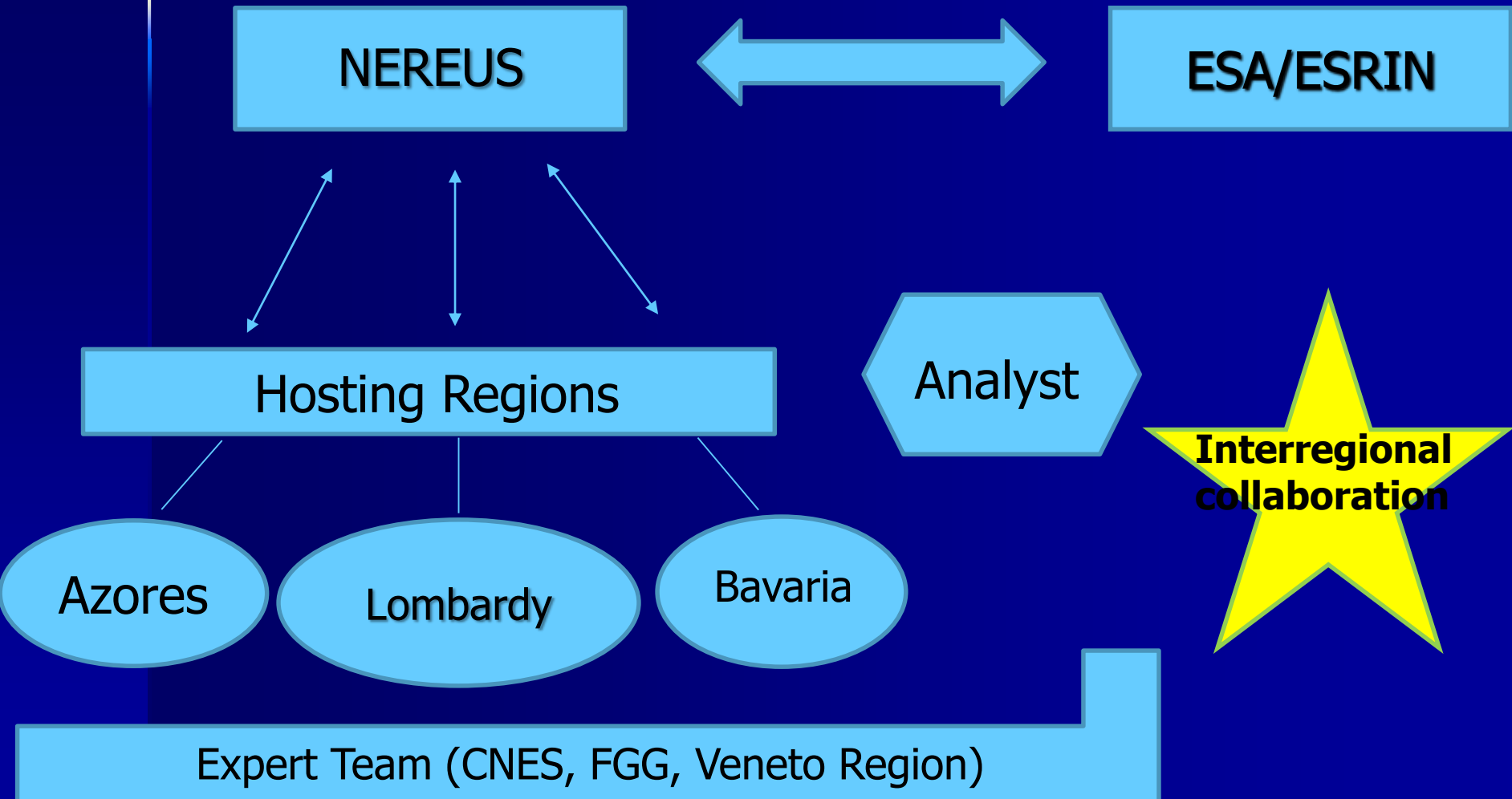
Reference book for policy makers to understand the social and economic benefits of Copernicus uses in Europe



Objectives of NEREUS / ESA-Project

- ✓ Gaining more information on the regional deployment situation: learn more about experiences and needs of LRAs (Success stories, best practices, roadblocks, regional decision making processes)
- ✓ Stimulate exchange on knowledge and best practices and existing services among LRAs with similar areas of interest/concerns
- ✓ Promote awareness among LRAs of the benefits of the Copernicus program

Participants of the Project



Thematic workshops: AZORES

O uso de dados Sentinel para apoio na gestão e ordenamento do território terrestre e marinho
The use of Sentinel data for supporting land and marine spatial planning and management

Especificidades de pequenas ilhas oceânicas
Specificities of small oceanic islands

28 Setembro
September 2015

Laboratório Regional de Engenharia Civil
Ponta Delgada, São Miguel - Açores



Thematic workshops: LOMBARDY

WHAT CAN SENTINELS DO FOR REGIONS?

A TRIP FROM MOUNTAINS TO VALLEYS
Copernicus satellites as "sentinels"
of environmental and economic challenges



20 October 2015
from 09.30 to 17.30

Palazzo Lombardia, Milan



Thematic workshops: BAVARIA

WHAT CAN SENTINELS DO FOR REGIONS?

Copernicus Data and Services to manage Natural Resources

12 November 2015, from 08.00 to 18.00

IHK Akademie
Chamber of Commerce and Industry
for Munich and Upper Bavaria



Outcomes

- ✓ **Workshop Reports** featuring the discussion (success stories)
- ✓ Final overall **analysis**
- ✓ **Final Event in Brussels** presenting outcomes and conclusions

NEREUS stands for „Network of European Regions Using Space Technologies“

25 Full Members (Regions)
40 Associate Members

Abruzzo (I)
Andalusia (Spain)
Apulia (I)
Aquitaine (F)
Azores (Portugal)
Baden-Württemberg (D)
Basilicata (I)
Bavaria (D)
Brandenburg (D)
Brittany (F)
East Midlands (UK)
Free Hanseatic
City of Bremen (D)

French Guyana (F)
Hesse (D)
Lazio (Italy)
Lombardy (Italy)
Madrid (Spain)
Mazovia (Poland)
Midi-Pyrenees (F)
Piedmont (I)
Provence-Alpes-Côte
d'Azur (F)
South Holland (NL)
Tuscany (I)
Veneto (Italy)
Wallonia (B)



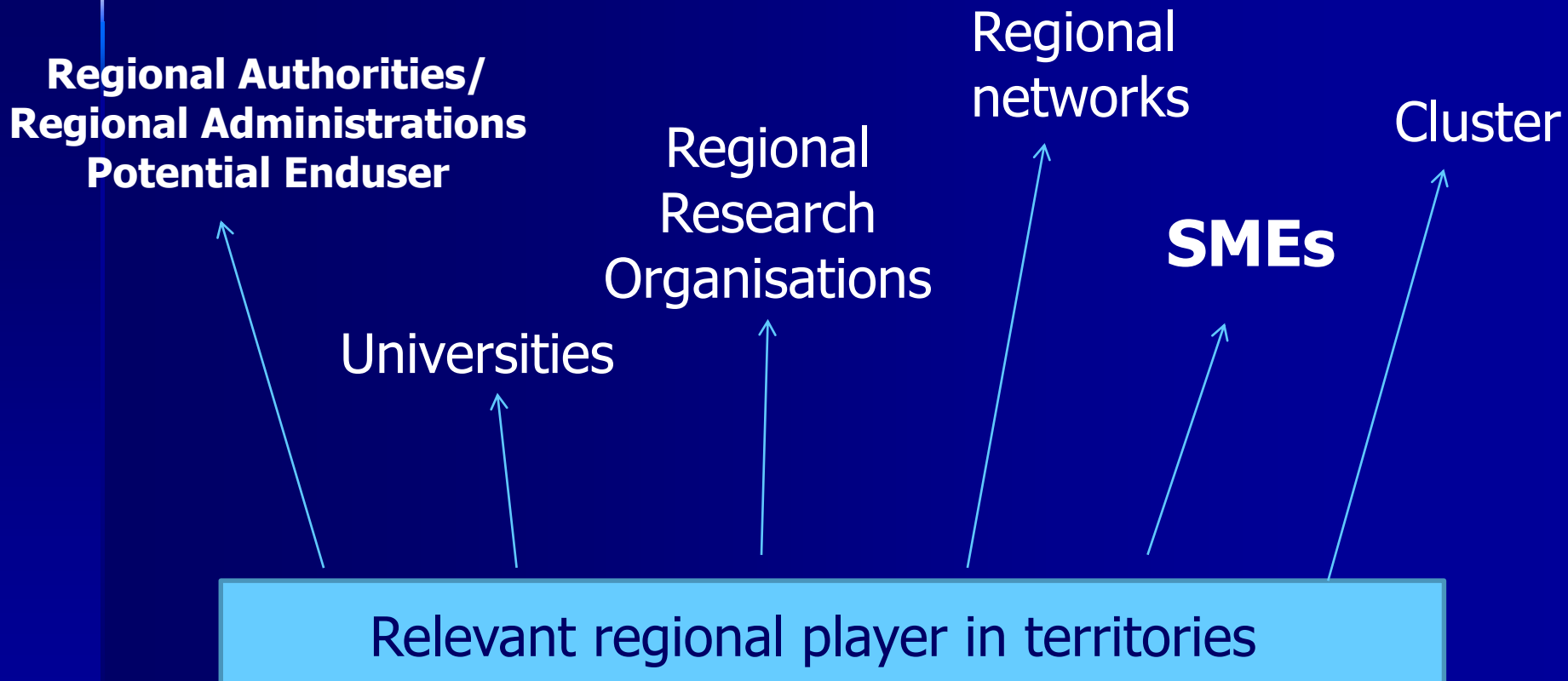
Core mission NEREUS

Spreading use of space technologies at regional level

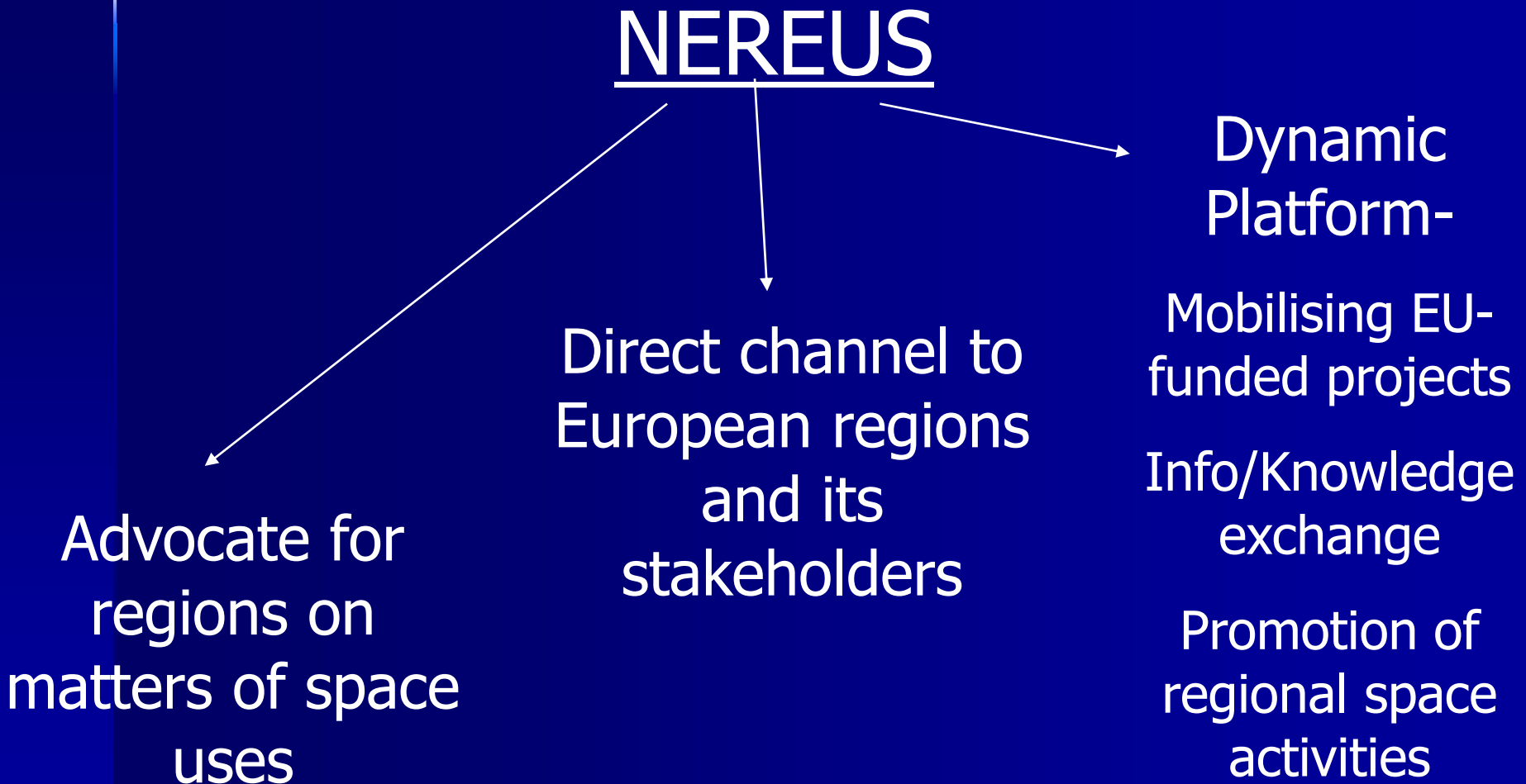
Stimulating the development of space applications

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

NEREUS – Network of European Regions Using Space Technologies



What do we offer to regions?



Thank you for your
attention