In 2014, the European space systems Galileo and Copernicus (the European Earth Observation program) entered the stage of operability, providing free access to space-based data and signals to European citizens. Local and regional authorities (LRAs), are the largest reservoir of potential users of space-based services and products. In particular, Earth Observation imagery is needed for a broad range of territorial and environmental purposes in public administrations.

However, the awareness as regards the benefits and potentials of these services is not very pronounced LRAs: this paradox lies at the heart of the SPACE4Growth and Jobs conference, organized jointly by the Committee of the Regions and NEREUS (Network of European Regions Using Space Technologies) on the 28th of May 2015. The aim was to highlight the fundamental role of space in the development of new business opportunities and economic growth, creating highly skilled labour while often addressing societal and economic challenges for the benefits of European regions and citizens at the same time.

Jiri Burianec, Secretary General of the European Committee of the Regions

With Space applications, one has to be down to earth: the aim is not only to foster startups but to put Space at the very heart of the construction of high-tech European infrastructure.

In the current political scenario, the socio-economic dimension of space is crucial. Regions are close to citizens and SMEs and can be a driver to demonstrate the strategic aspect of this unique sector.

Nichi Vendola, NEREUS President

If you go to a bank and tell them "I want to open a startup in the space sector", they will tell you to be a baker. This is why we are here: we are the right uncle, with a good address book and sometimes even 50K in our pocket.

Frank Salzgeber, Head of ESA's Technology Transfer Programme Office

nereus
network of european regions using space technologies

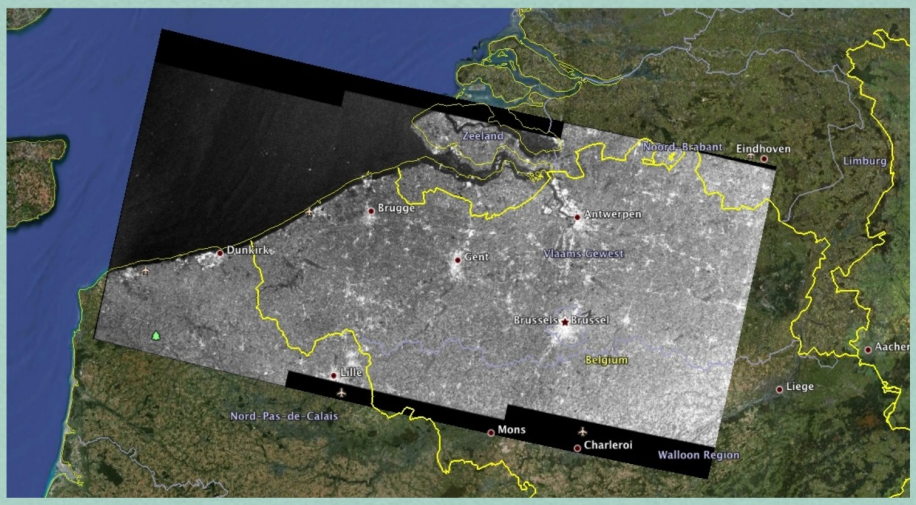
Organized with the Committee of the Regions

TECHNICAL SESSION

NEREUS aims at bridging the gap between citizens and space: how can we raise awareness amongst LRAs of their strategic role as key end-users of space-based services?

Roya Ayazi,
NEREUS Secretary General

OPENING SESSION



With GALILEO and COPERNICUS entering in the stage of operability, it is important to understand what Loca and Regional Authorities, companies and research centers can do with the free, open and accessible space-based data produced.

NEREUS, jointly with the CoR, has gathered the main stakeholders to discuss about the relationship between Space policy, satellite data and signals and business opportunities in Europe.

STARTUPS, TECHNOLOGY TRANSFER AND INNOVATION
by Frank Salzgeber, Head of ESA's Technology Transfer Programme Office

When we care, we recycle: we don't waste. We do this for paper, glass, plastic... but what about ideas? the European Commission invested 50 billion € in R&D in 7 years through it's FP7 Programme (Apple invests 4,5 billion € in R&D). Boosting Europe's competitiveness passes by investing in local economy: what can Space do for European growth?

Since 2003, ESA has supported the creation of over 300 startups across 11 European countries and 13 ESA Business Incubation Centres (BICs). Every year, 100 more startups are nurtured, leading to the creation of thousands of new high-tech jobs in regions across Europe. How can national industry tap into the wealth of space technologies available from ESA? The Broker Network is made of 15 Technology Transfer Brokers throughout the continent who have a track record of 295 successful Tecnology Transfers: they are the ones who assess the market needs in areas where there is a potential for exploitation of space technologies. In addition, the Broker Network contributes to filling the gap between demand and supply by hosting a database which acts as an online marketplace where requests for technologies are matched with available space technologies.

"We have a very pragmatic approach to Space solutions: if you are an SME and want to access our Programme, you can just contact your local broker. If you are a LRA, we have an online database at your disposal: it's like going to the supermarket. You see what's available, pick what is useful for you and adapt it to your needs."

TECHNICAL SESSION

S3 STRATEGIES AND SPACE, THE ROLE OF PCP IN THE SPACE SECTOR

Why are Regions so important to drive innovation via demand? The majority of public procurement in Europe is done at regional level: the economic significance of contract award notices is considerable, and increasing every year. The current program period 2014-2020 offers a series of instruments which enable the combination of different funding opportunities. This is particularly useful for managing authorities who aim at supporting risky sectors in which private investment is more limited.

During the Space4Growth and Jobs conference the speakers confirmed that investing on space-based solutions for territorial management results from either a strong political vision or a strong demand from citizens. The technical session was an opportunity to showcase the different instruments regional authorities have to drive innovation via demand.

SPACE-RELATED R&D INVESTMENTS, S3 STRATEGIES AND SYNERGIES WITH HORIZON2020
by Andrea Conte, Project Leader EC, DG Joint Research Center

Supporting synergies in the use of two EU funding sources (ESIF &Horizon 2020) may deliver additional gains in terms of innovation results, close the innovation gap in Europe, promote economic growth. The overall political rationale of identifying synergies between ESIF, H2020 and other R&I programmes is to maximize impact and efficiency of public funding. This goes hand in hand with an increase of innovation funds under the cohesion policy (from 6% in the 2000-2006 period to 25% in the 2007-2013 period). The S3P Platform supports Regions to design and upgrade their RIS3 by identifying a limited number of R&D and industrial activities with high innovation potential.

There are 4 potential cases of combined funding synergies: joint or simultaneous funding, sequential funding additional / parallel funding, alternative funding. The Eye@RIS3 platform is an online database enabling research on the basis of EU priorities, R&I capabilities or Business Areas & Target Market.

The Stairway to Excellence (S2E) project aims at supporting synergies between funding instruments.

CONNECTING RESEARCH AND INNOVATION TO REGIONAL AND URBAN POLICIES
by Magda De Carli, EC, Deputy Head of Unit - B.5, DG Research & Innovation

Why should synergies between H2020 and ESIF be created?
Being part of the same budget envelope (under the voice of Smart and Inclusive Growth), they are also part of the same long term strategy for jobs and growth. The novelties of H2020 are also there to facilitate meeting the target of reaching 3% of EU's GDP invested in R&D by 2020. Unifying three separate programmes and initiatives, coupling research to innovation, focusing on societal challenges and simplifying access to companies, universities, institutes in all European countries and beyond are all elements that aim at widening the access to funding for R&I.

On the other hand, the Cohesion policy has undergone some changes because of the objective related to delivering the Europe 2020 objectives for a smart, sustainable and inclusive growth. Thematic concentration, to maximize the impact of the investments, and ex-ante conditionalities, to ensure effective implementation, are the new key principles to adopt when thinking about synergies between the 2 funding schemes.

Examples of the four ways to combine funding can be found in the Guidelines published by the European commission (see documents and links.)

REGIONAL APPLICATIONS

Smart Specialization is a new innovation policy concept designed to promote the efficient and effective use of public investment in research. It aims at boosting regional innovation in order to achieve economic growth and prosperity, by enabling Regions to focus on their strengths. The definition of the Smart Specialization Strategy (S3) is the result of a thorough analysis of regional assets and technology, as well as that of potential partners in other regions. The S3 has to be based on a strong partnership between businesses, public authorities and knowledge institutions. NEREUS, as Network of Regions Using Space Technologies, can showcase examples of S3 with a strong focus on aerospace as area of strategic specialization.

THE DIMENSION OF SPACE IN LOMBARDY'S S3 STRATEGY
by Leonardo Lorusso, Head of Communication, Lombardy's Representation to the EU

Lombardy's policy mix combines top-down and bottom-up approaches to support the design of regional vocations and assets. The stakeholders' consultation on 7 industrial strategic domains started in December 2011 and involved 3347 research organizations and companies. Aerospace is one of Lombardy's areas of specialization, included in a strategy which was approved in December 2013. The implementation phase started in 2014 and in April 2015 it was updated. Over the past 15 years, Lombardy's priorities changed from vertical specialization to a more horizontal approach: before 2003, the focus was on well-defined geographical areas characterized by traditional industrial sectors. Today, 7 specialization areas have been defined, including aerospace. For each specialization area, specific work programs have been approved in October 2014. Each work program outlines the most relevant enabling technologies, materials and methods to tackle regional challenges. For aerospace, the priority themes of technological development are: space integrated systems and space systems, fixed and mobile wing integrated aeronautical systems, electro mechanical systems and avionics, nano electronics and photonics. The production system of Aerospace consists of over 185 businesses with more than 15000 employees and an overall turnover of about 4 billion euro, of which 1,7 billion from exports

TECHNOLOGY FOR AGRICULTURE: EXTREMADURA'S S3 STRATEGY
by Cristina Gallardo Rey, Innovation Manager, Extremadura Avante

Extremadura adopted a new production model based on the development, exploitation and commercialization of the technology linked to rural development. Extremadura aims at leading the generation of goods, products and services derived from robotics, microelectronics, TICs, genomics, new educational systems or telemedicine, which allow social and territorial cohesion in order to improve the quality of life and work of the citizens in rural areas, strengthen the value creation in the rural economy, enable the full integration and participation of rural areas in a knowledge-based economy, increase the competitiveness of companies from Extremadura, bridge the gap between rural and urban populations.

Entrepreneurship based on innovation tends to progressively transform a territory's productive fabric, providing it with a new economic identity that remains in the long term. However, this entrepreneurship presents a high-risk in the early stages of its life cycle. Achieving success in changing this production model from a clear commitment to ideas of highly innovative projects and with high growth potential (startups) therefore entails assuming and managing the level of risk associated with it. With this in mind, the Regional Government of Extremadura started Agrotech Startup, a comprehensive plan for the identification, activation, incubation and expansion of ideas with high potential for innovation as a source of generation of competitive advantages, attraction and retention of talent, and quality employment in the medium and long term. To enable entrepreuneurs and companies to develop their business models based on innovation and to adress the challenges, the Regional Government will support 100 new Agrotech StartUps in the 2015 edition with a maximum amount of 50,000€ per initiative to cover costs for an 8 month acceleration plan. In order to transform Extremadura into an AGROTECH International Hub, StartUp Extremadura started to identify ideas for projects with high potential for innovation and close to market, calling entrepreneurs to work on tackling the identified challenges.

EARTH OBSERVATION FOR LAND MONITORING, S3 IN BASILICATA

by Raffaele Liberali, Regional Minister for Development, Employment, Training, Research Policies of Basilicata Region

We are living the era of full open and free data. Galileo and Copernicus, the two European space systems, have entered the stage of operability and contribute to the production of information coming from space. With the approval of the new Copernicus Regulation and the European Commission's decision to have full ownership of the Sentinel satellite systems, a very strong impulse to the exploitation and numerous applications of space technologies has been given.

The definition of Basilicata's specialization areas is the result of a three-fold process: a desk analysis of the regional innovation ecosystem (mapping of startups, spin-offs, industrial skills, innovation services, FP7 projects implemented, research infrastructures, university performances, ecc.); a benchmark with other national, European and global contexts; entrepreneurial discovery. 5 specialization areas have been defined, one of which is Aerospace. The aerospace sector in Basilicata, in particular applications in the field of environmental monitoring, Earth Observation and disaster management, are based on a natural vocation of the Region as well as on a significant concentration of public research centers (Italian Space Agency, National Research Center, ENEA), private institutions (Mattei Foundation). the University, centers for technological innovation (Basilicata Innovazione), big industries (ENI, FIAT, Telespazio) as well as a network of SMEs. Moreover, in the recent years, regional end-users positioned themselves at European level, next to SMEs and research centers: scientific and industrial partners operating in the aerospace sector are strongly rooted in European programs, while local end-users are strongly linked to organizations such as the National Department for Civil Protection, which has a guiding role in Europe and is recognized internationally.

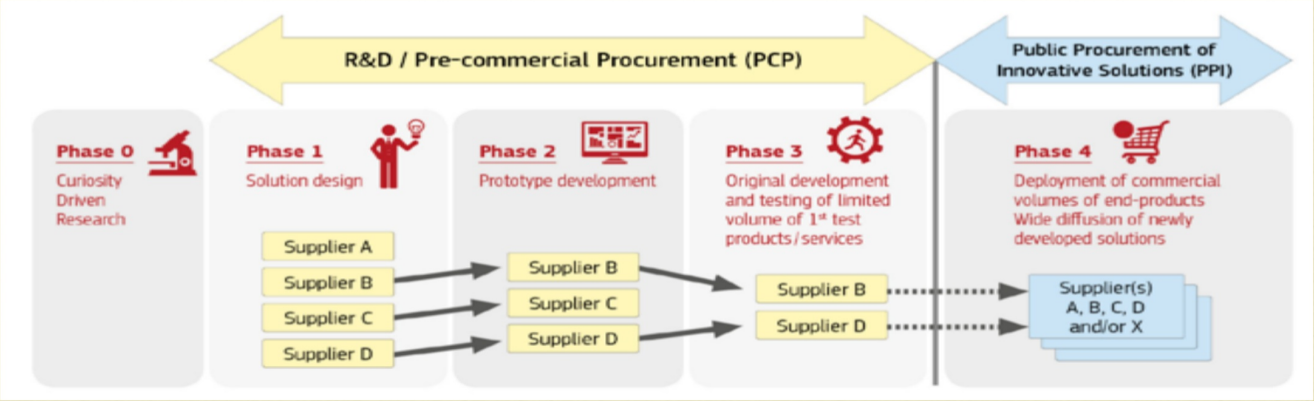
Space Geodesy Center (Matera, Basilicata Region)
Photo by Luigi Caterino

TECHNICAL SESSION

S3 STRATEGIES AND SPACE, THE ROLE OF PCP IN THE SPACE SECTOR

PCP AND PPI IN EC POLICIES
by Vasileios Tsanidis, EC, DG CNECT

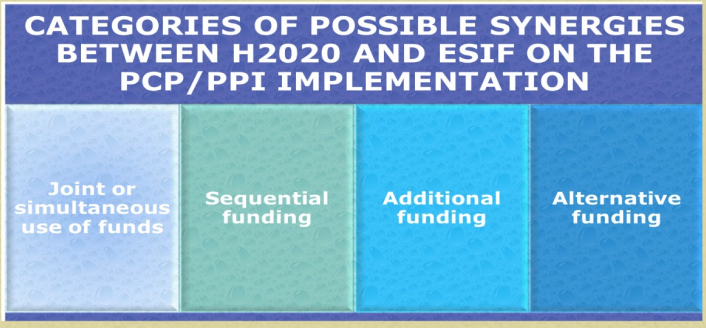
Public procurement accounts for 19% of GDP. Almost half of the ESIF2020 is spent through public procurement so public need is the driver for this. The Innovation Procurement (PCP and PPI) can deliver solutions to challenges of public interest and Space plays a major role on this. The PCP contract award becomes a purpose for prototypes and a first test for products and services not yet on the market which require R&D activities. The price paid is not higher than the market value of the provided services. The IP rights are shared between the Contracting Authority and the contractor. If the procurers are happy with the innovative solutions they can buy them through the PPI and become the early buyers.



THE ROLE OF PUBLIC DEMAND / PCP IN THE SPACE SECTOR
by Apostolia Karamali, Deputy Head of Unit "Space Policy", EC, DG GROWTH

The Union flagship programmes GNSS and Copernicus are expected to create substantial European market opportunities, in particular for European industry and SMEs, through the development of value-added downstream services and applications, which require continuous and sustained access to data. This growth should be complemented and supported by the Union through appropriate measures with a view to ensuring the widespread uptake of Union space programmes in as many sectorial policy areas as possible.

The Commission has launched a series of actions, such as the Copernicus-user uptake framework contract in addition to initiatives with regions, the GNSS market uptake process and the use of innovation procurement in the context of Horizon 2020. Activities are expected to be intensified in the future in coordination with initiatives taken by the other institutions in order to accompany the evolution of the sector towards sustained market exploitation.



REGIONAL APPLICATIONS

THE UK SPACE AGENCY PROGRAMME "SPACE FOR SMARTER GOVERNMENT"
by Dr Katherine Bass, Head of Application Strategy, UK Space Agency

The Space for Smarter Government Programme (SSGP) is a strategic, national programme established and led by the UK Space Agency in 2014 to drive the uptake and use of space products, data and services across government departments. The big vision is to help the public sector save money, innovate and make more effective policy decisions using space technologies.

It's all about 3 key activities: raising awareness and inspiring the use of satellite applications and data, providing neutral support for government departments and the public sector, funding and leveraging funding for the creation of operational services using satellites.

Communication, education and inspiration are the core values leading the SSGP: space science is not an evident matter. For this reason, explaining the basics of satellite applications is the first step to raise awareness on the topic. The functions satellites fulfill, for example, are of three types: Earth Observation, Communications, Global Navigation. Sharing case studies helps to demonstrate their uses and show how satellites play a vital role in citizens' every day life. Public authorities being responsible for the development of policies and programmes ensuring the common goods should be much more aware of the benefits of space technologies, ranging from efficiency, savings and smarter government.

Dr. Katherine Bass developed a broad range of case studies in 4 main fields of application:
- Risk Response: floods, coastal erosion, built movement
- Mapping and Monitoring: habitats, biodiversity
- Air Quality: airtext, local hotspot mapper
- Always Connected: Location-Based Services (LBS) enable citizens to quickly report safety and compliance issues such as street scening (FixMyStreet), waste management, graffiti...)

CURRENT AND PLANNED EXPERIENCES ON PCP IN APULIA REGION
by Giovanni Sylos Labini, DTA

The Apulia Region is one of those public procurers interested in implementing innovation procurement, in line with the new Public procurement Directive setting the legal framework to enhance the innovation dimension and support buyers' groups. Buying innovative products, works and services can not only address major societal challenges, but also improve the efficiency and quality of public services. Apulia's Smart Specialization Strategy, "Smart Puglia 2020" defines PCP as an instrument for innovation promotion as alternative to traditional R&D call for proposal to facilitate the deployment of innovation in the public market by simplifying administrative procedures for enterprises. Apulia launched 2 PCP pilot actions, one on health and social inclusion, another on water resources. With its over 40.000 km of water pipelines (potable and sewage) and over 4 million residents served by the the regional water utility, Apulia has a strong interest in integrated water management systems. For this reason, the regional authorities and the various water stakeholders are involved both in European projects related to water topics (Demoware, Water PIPP) and strategic initiatives (EIP on water). This is translated in the region's S3 in a specific societal challenge on "Sustainable cities and territories". The pilot action in the field of water resources was launched, with a focus on adaptive water management platforms, the treatment, reduction and reuse of sludge in sewage treatment of urban waste water, as well as the detection and monitoring of water leakage in primary and distribution pipelines. Approximately 80 enterprises and research centers were involved, resulting in an increased quality of the problem description (functional, usage, maintenance specification) through two days of collective hearings and one forum for data gathering. A call for expression of interest in Preliminary market consultation was launched. The Space theme is transversal to many fields in which the public demand has interest: territorial planning, coastal areas, soil defense, agriculture, forestry, air pollution, mobility and waste management. The PCP instrument is ideal for regional authorities interested in using space-based solutions for pooling demand and seizing market opportunities, promoting fair competition as well as fostering a large supply chain.

POLITICAL SESSION

Jiri Burianec,
Secretary General of the European Committee of the Regions

Promoting the benefits of space-based applications among local and regional authorities is a crucial step in increasing the number of end-users, especially given LRAs key role as public procurers. Creating online databases and case studies is a first step, but a fundamental action is to create business cases: speaking about savings to municipalities is self-selling. If the financial benefits of space-applications in different industries are added up into a package for mayors, it becomes hard to be reluctant in adopting more efficient services for territorial management.

It is important to highlight the need to better communicate the importance and the perspectives of space applications to the European Regions and their citizens. Moreover, the political dimension of NEREUS as a regional voice which speaks on behalf of the Regions to the European institutions in the space sector, should be implemented in the regional strategies.

Christian Bruns,
NEREUS Vice President

Michel Praet,
ESA Office Brussels

The horizontal dimension of Space policy is bound to become an important theme in the close future: it should not be limited only to the DG Growth as space -based services can be applied to a broad range of sectors, ranging from agriculture to disaster management. Acting as a voice of European regions, using space technologies, NEREUS can have a fundamental role in influencing the definition of Space policy at European level.

GNSS investment in GALIELO and EGNOS is starting to deliver result right now and will deliver even more results in the close future: 6% of the European GDP is depending from the GNSS system. The increasing penetration of GNSS in daily life and the growing synergies with other technologies lead to a 25% share of the European industry in the global GNSS industry. Farmers, for example, are the most advanced users of GNSS space technologies: over 100.000 farmers across Europe use EGNOS as it is an affordable solution for precision agriculture, enabling them to optimize yields, increase labour productivity and reduce driver fatigue - all with minimum investments.

Gian Gherardo Calini,
Head of Market Development,
GSA Agency

Our experience in NEREUS is that if you want all the potential of space effectively released you must act not only at global and continental scale, but spread the benefit of space at Regional scale. Apulia is a region with little water, with 44,000km of water conducts. Think about what it means for us to handle the longest aqueduct in Europe with a remote control. We have 850 km of coastline: satellites allow us to monitor erosion and tides. Investing in space technologies is not only about products and services: it is about rethinking the organizational model of public authorities.

Nichi Vendola,
NEREUS President

The financial efforts done by the European Commission to develop and implement the European space policy have to be supported and strengthened. However, these efforts have to be shared with the citizens which cannot be considered only as consumers and passive end-users. Also, the European Economic and Social Committee, as strong supporter of the Small Business Act, encourages a more decisive involvement of SMEs in research programs as growth and jobs are related to potential economic benefits.

Henri Malosse,
President of European Economic and Social Committee

As regards to Space policy, we know what we are aiming at, we want to move faster. But we have to accept that it is easier to do so at national level: at European level it is more complex. We are still striving to find a powerful common ground that can enable all the countries to move forward, however we have been capable to multiply financial resources mindless of the difficulties, and we have been capable to enable space-solutions beyond the fragmentation. Now it is important that Regions do not leave the European institutions alone in strengthening our commons space policy.

MEP Inès Ayala Sender,
Vice-President of the Sky&Space Intergroup and member of the TRAN-Committee

The reinforcement of the EU space industry is only possible with the help of regions and cities. We need to fully involve local and regional authorities in the EU innovation policy and thereby to reinforce smart specialization in the space sector as a key factor of growth. Local and regional authorities already make a significant contribution by creating clusters and competitiveness zones that bring together manufacturers (including SMEs), higher education institutions and scientific research. As such, they play a key role in the processes of innovation and technology transfer. Nevertheless, further innovation support measures are needed aimed at the development and deployment of space-based applications across public and private users, in particular in regional and local authorities and the SME sector.

Michel Lebrun,
President of the European Committee of the Regions

DOCUMENTS AND LINKS

STARTUPS, TECHNOLOGY TRANSFER AND INNOVATION

The network of ESA's incubation centers brings space technology to European regions.

Any small and big business from ESA member states can benefit from its Technology Transfer programme!

Regions can access a database with all the existing space solutions at their disposal: they can see what space-based services have already been developed, adapt them to their needs and use them!

The Global Navigation Satellite Systems Agency (GSA) links space to user needs and aims at achieving the highest return on investment. Check out their market reports!

FUNDING OPPORTUNITIES FOR SPACE-RELATED R&D

Smart Specialization Strategies help regional policymakers identify strategic activities, in which an investment of resources is likely to stimulate knowledge-driven growth.

The Eye@RIS3 is an online database, intended as a tool to help strategy development. It provides information on self-identified priorities from other regions

The Eye@RIS3 features a specific "Aeronautics & Space" priority

The Stairway to Excellence (S2E) project aims to support Regions in developing and supporting synergies between Horizon 2020 and Structural and Investment Funds.

The European Commission published a series of guides related to aspects of the S3, including the role of universities, broadband investment, the use of incubators and a guide for funding for opportunities for research and innovation

How do you convert research into commercial success? (pdf)

PUBLIC DEMAND AND INNOVATION

Why are Regions so important in driving innovation via demand? The majority of procurement budget in Europe is spent at regional level. Innovation Procurement (IP), including Space innovation, can deliver solutions for challenges of public interest:

Public Procurement of Innovative solutions (PPI) is used when challenges can be addressed by innovative solutions that are nearly or already in small quantity in the market and don't need new R&D

Pre-Commercial Procurement (PCP) is the procurement of R&D of new innovative solutions before they are commercially available

What did you miss the most in space?
What is your favorite food in space?
What is the smell of the space station?
How long were you in space for?
How was your sleep in space?
What was the most difficult situation in space?
What is the body sensation when you are in outer space?
What happens when you come back on Earth?

"Once you come back, you definitely think that our Planet is the most beautiful thing we have. It is like a spaceship: you have to be careful of every resource, as they are limited and we share them all. Once you come back, you realize that Space is our destiny and our future."

Bridging the gap between space and citizens is one of NEREUS' core missions.

The screening of GRAVITY movie, with explanations by ESA astronaut Jean-François Clervoy on the 28th of May, following the SPACE4 Growth&Jobs conference was a big achievement in this sense.

It was a great success thanks to your participation!

A new era for the fascination of Space has started, where Earth Observation and satellite applications will inspire as much as Space Exploration.

WHAT NEXT

SPACE4Growth and Jobs was a unique occasion to share knowledge on how to make the best use of space-based data and signals by crossing the perspective of European institutions, policymakers, LRAs, companies and other relevant stakeholders.

What's next?
Be part in NEREUS' activities in different ways...

MEMBERSHIP

FULL MEMBERS
Regions

ASSOCIATE MEMBERS
Companies, Research Centers

NEREUS
WORKING GROUPS

PROMOTING USES OF SPACE

WHAT CAN SPACE DO FOR REGIONS?
Strengthening regional anchorage through local events

RAISING AWARENESS
ESA-funded projects, Events, publications, videos

EXPLORING OPPORTUNITIES
Programmes, projects and policy tools for Space applications, such as PCP, PPI, Horizon 2020 and ESFI

NEXT EVENTS

SPACE & SOCIETY
Conference
Brussels

SPACE GIRLS SPACE WOMEN
Exhibition
Paris, Brussels, ...

ESA / NEREUS
Thematic Workshops
Azores
Lombardy
Bavaria

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www.nereus-regions.eu

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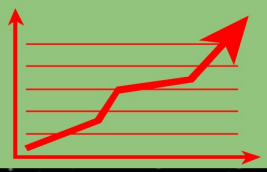
CHALLENGES AHEAD

2015 / 2016 WORK PROGRAMME

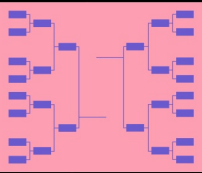
- Joint ESA -NEREUS project
  Dialogue with Local and Regional Authorities
- EC COPERNICUS User Uptake Framework contract
- EC Horizon 2020 Space WP Opportunities
- Advocacy for Regional Space Uses



EXPECTATIONS, COMMITMENTS

ANCHORAGED, SUPPORTED BY MEMBERS

NEREUS IS A MEMBERSHIP ORGANISATION



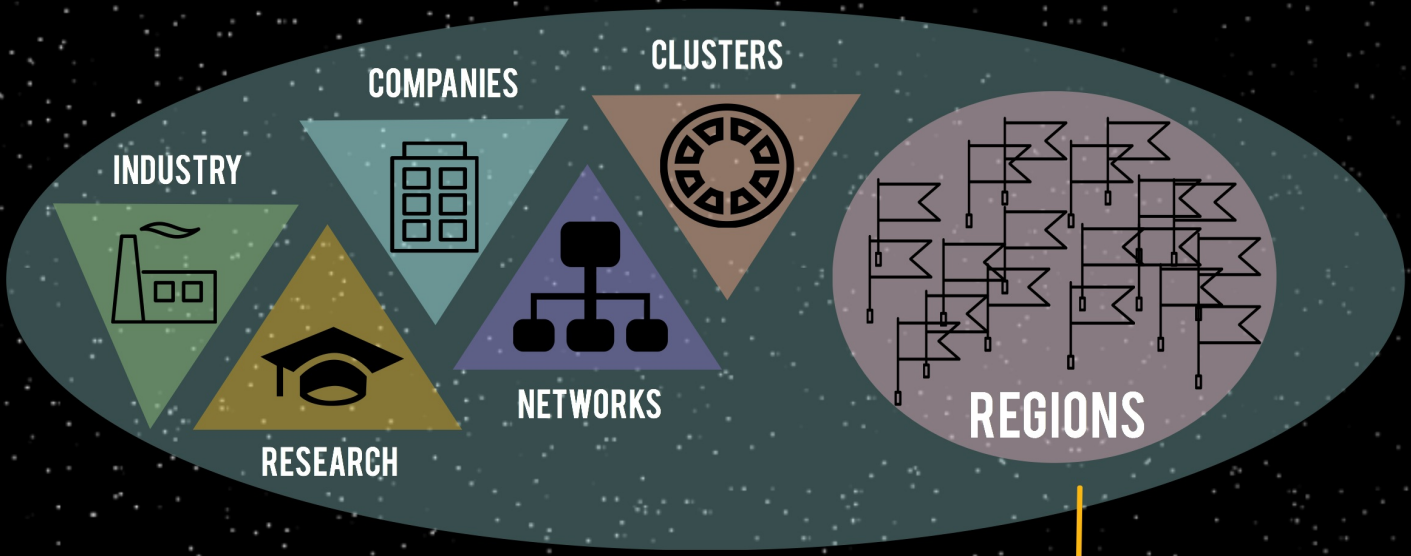
MEMBERS ARE THE CAPITAL OF THE NETWORK

CURRENT MEMBERS **SATISFIED**

NEW MEMBERS **ATTRACTIVE**

nereus
network of european regions using space technologies

MEMBERSHIP BASE



GENERAL ASSEMBLY

ARTICLE 11
BASIC STRATEGIC DECISIONS

MANAGEMENT BOARD

PRESIDENT
VICE
TREASURER

ARTICLE 17
OVERALL RESPONSABILITY FOR ADMINISTRATION AND RUNNING OF ORGANIZATION

SECRETARIAT

KEY COORDINATING BODY OF THE NETWORK
MAIN INTERFACE AT EUROPEAN LEVEL
PROMOTION, COMMUNICATION, PUBLIC RELATIONS

nereus
network of european regions using space technologies

BODIES OF THE NETWORK

WORKING GROUP
EARTH OBSERVATION

WORKING GROUP
GNSS

WORKING GROUP
TELECOM

WORKING GROUP
SPLACE EXPLORATION

WORKING GROUP
CULTURE EDUCATION TRAINING

WORKING GROUP
CLUSTER

EXPERTS FROM FULL AND ASSOCIATE MEMBERS
CONTENT LEVEL FOCUSED ON DIFFERENT THEMATICS
FORUM FOR INFORMATION EXCHANGE
STIMULATE PROJECTS, PRODUCE POSITION PAPERS, STUDIES
REPORT TO THE MANAGEMENT BOARD

STANDING COMMITTEE

STRATEGIC ADVISORY BODY TO THE MANAGEMENT BOARD
EXPERTS WITH A GOOD KNOWLEDGE OF LOCAL COMMUNITY AND EUROPEAN DYNAMICS
ENSURING CROSS LINKAGE TO THE MEMBER REGIONS

BRUSSELS-BASED WG

BRUSSELS-BASED REGIONAL REPRESENTATIVES
INTERFACE BETWEEN NEREUS SECRETARIAT AND REGIONAL ADMINISTRATIONS
EXPERTISE IN EUROPEAN POLICIES AND PROCEDURES, AS WELL AS REGIONAL AGENDAS

Are you a local or regional authority interested in learning what space can do for you?

Are you doing business in sectors related to territorial planning?

Are you developing research in fields such as agriculture, climate change or disaster management?

Are you interested in understanding what space can do for you?

JOIN NEREUS!

Since 2008, NEREUS - Network of European Regions Using Space Technologies, explores the benefits of space-based applications for local and regional authorities as well as for European citizens.

NEREUS voices the regional dimension of European space policy and has been instrumental in acting as a platform for its 24 Full members over 40 Associate members to facilitate EU-funded projects and initiatives.

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network of european regions using space technologies

www.nereus-regions.eu

@NEREUSaisbl

Roya AYAZI
Secretary General
rayazi.nereus@euroinbox.com

Ilaria d'AURIA
Communication / Project Officer
idauria.nereus@euroinbox.com