

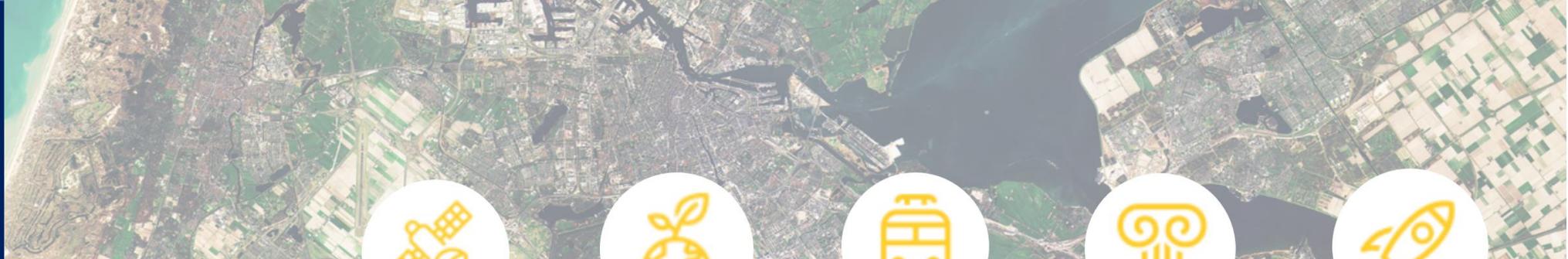
# EDUCATION AND TRAINING IN THE SPACE SECTOR: NEW TRENDS, PARTNERSHIPS, AND OPPORTUNITIES



– NEREUS – Presentation:  
Network of European Regions  
Using Space Technologies

Margarita Chrysaki, Communication/Project officer

- **Practical Instructions for the teleconference:**
  - Please note the meeting is recorded for follow-up purposes
  - In order to ensure a good acoustic, please mute yourself, otherwise the moderator will mute you
  - You may at any time comment or ask questions at any time, please write a message addressed to everyone in the chat which we monitor continuously



# OUR MISSION

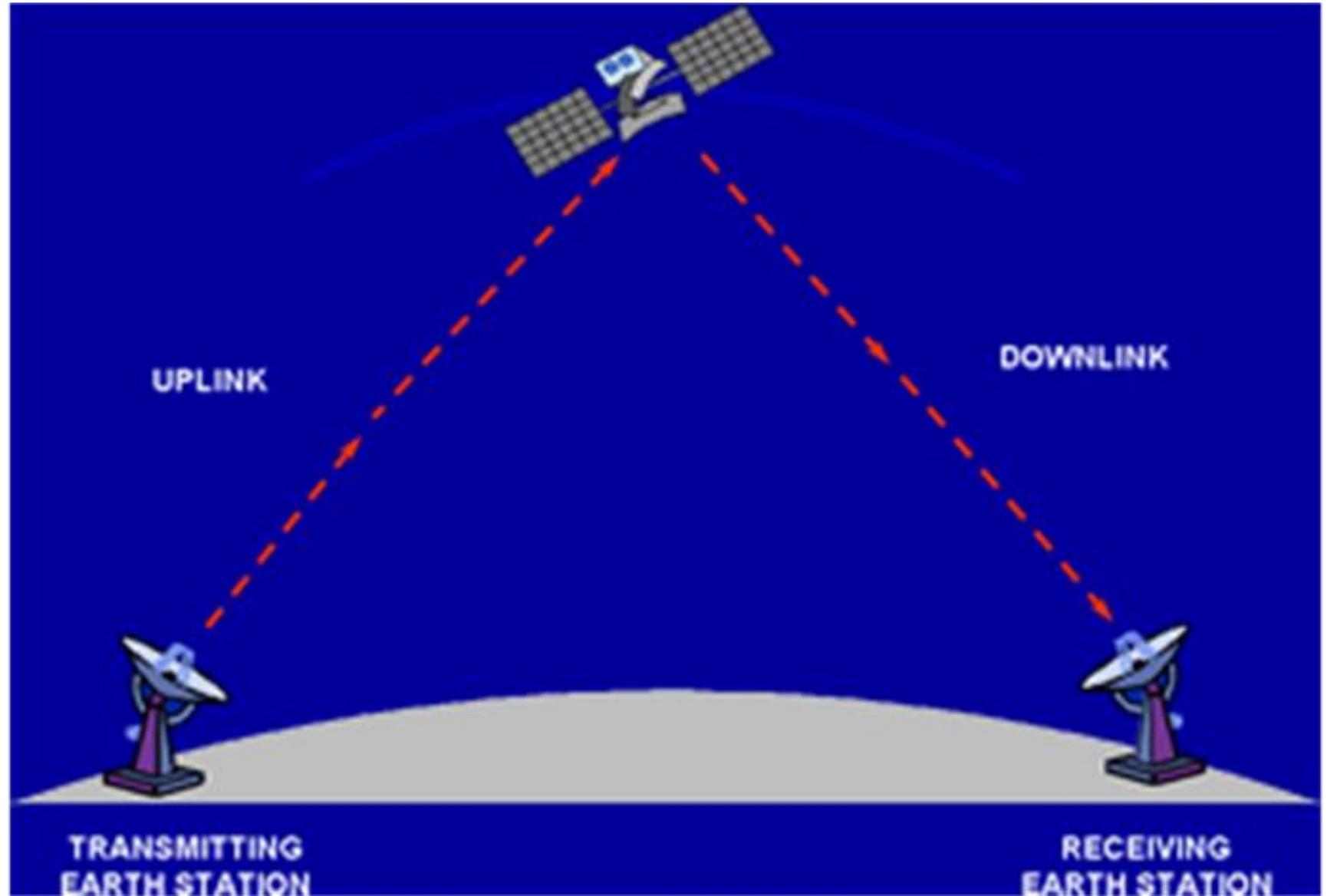
USING SPACE ON  
EARTH  
for the benefits of  
citizens and  
territories

SPREAD THE **USE AND UNDERSTANDING** OF SPACE TECHNOLOGIES

**ADVOCATE** MATTERS OF REGIONAL SPACE USES

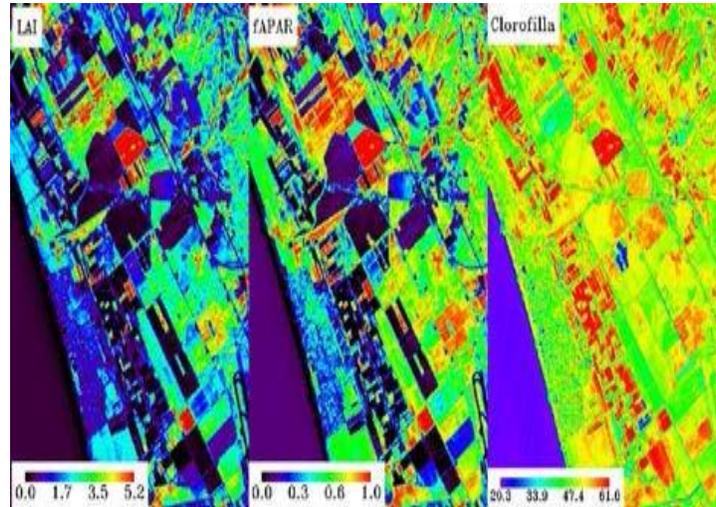
STIMULATE THE DEVELOPMENT OF SPACE **APPLICATIONS**

## The use of Space



**NEREUS is  
about  
Using Space**

NEREUS is about Using Space



Data from satellite imagery



Useful Information for  
people, companies and  
organisations



Domains with  
high interests  
for regions



# NEREUS members

## MEMBER REGIONS (Full members)



## Associate Members





## WHAT DOES NEREUS OFFER ITS MEMBERS?

### A JOINT PLATFORM

- for developing **joint positions** and voice them
- for building **partnerships** and networking at a European scale
- for facilitating the **involvement** in EU/ESA-funded activities
- for accessing crucial **information** in advance
- providing enhanced **visibility** of the Region at European level



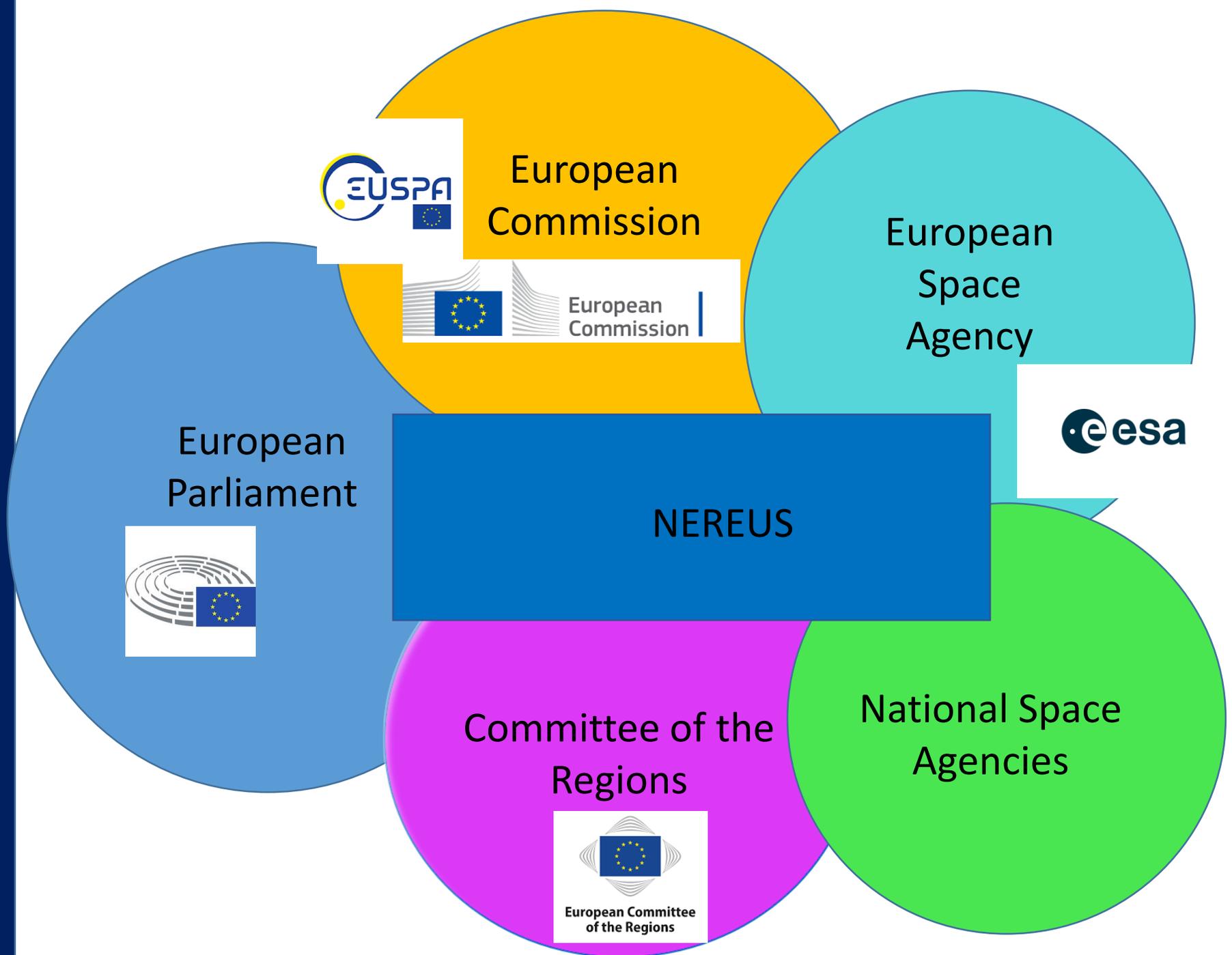
## NEREUS pillars of action

ADVOCACY/POLITICAL  
DIALOGUE

INTERREGIONAL  
COLLABORATIONS and  
PARTNERSHIPS

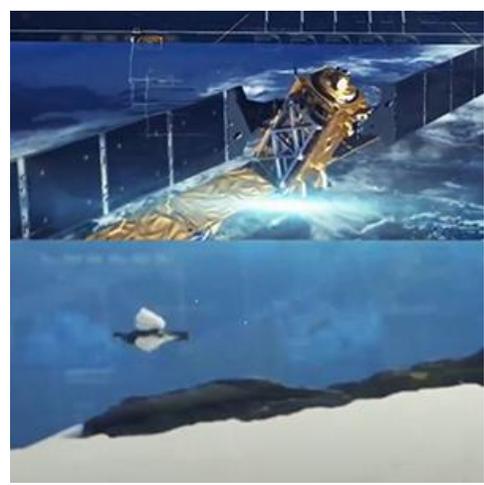
TECHNOLOGICAL  
TRENDS/  
PUBLIC  
OUTREACH

## Strategic Partners





# Copernicus4regions ESA/Commission joint project



## An ever growing use of Copernicus in regional ecosystems

Be it spatial planning, civil protection, water management or environmental monitoring, public authorities face a wide range of common challenges. Copernicus is increasingly being used to find solutions to address these challenges, as it is showcased within many Copernicus4Regions user stories.

**Using the Sentinel images to update our glaciers' maps database has not only improved our data but also productivity.**  
Maghni Gelbrudsson, General Director, National Land Survey of Iceland  
(Strongly back of reviewing glaciers in Iceland - p.156)

**"Copernicus data opened new opportunities for us."**  
Ondrej Bohac, Copernicus 4 Regions

**"This application has transformed the way we manage the public land of Svalbard archipelago for biodiversity and conservation issues."**  
Aurken Bellanger, Commandant, de Communes du Pays de Dol et de la Baie de Mont-Saint-Michel  
(Mutual functional assessment - p.142)

**"Copernicus aids daily decision making activities, minimising the implications of environmental threats."**  
Igor Dato, ICOM Reg a de Coimbra  
Nuno Martins, ICOM Reg a de Coimbra  
(Copernicus helping civil protection - p.208)

**"We found satellite data extremely useful method to prevent and detect poaching."**  
Mondiano de la Torre

**"This application of Copernicus Sentinel-2 has transformed Earth Observation Data into a decision support information."**  
Borjan Siles, Operatió de Barcelona  
(Prevalent decay in Mallorca using Sentinel-2 imagery - p.56)

**"The use of Copernicus Sentinel-2 data is a key element in our monitoring of the environment."**  
Antonio Sukrihin, SIA  
(Copernicus Sentinel Data for monitoring the environment - p.10)

**99** User stories | **72** Regions of Application | **177** Authorities

→ **THE EVER GROWING USE OF COPERNICUS ACROSS EUROPE'S REGIONS**  
A selection of 99 user stories by local and regional authorities

**99** User stories | **72** Regions of Application | **177** Authorities



Bridging the skills gap in the  
Earth Observation sector

Reinforcing the existing training  
and education ecosystem in the  
Earth Observation sector

Fostering the uptake of  
space/geospatial data and  
services in end-user  
applications

[www.eo4geo.eu](http://www.eo4geo.eu)



Education/training  
project



**SHAPING THE  
EO\*GI SKILLS OF  
THE FUTURE**

EO4GEO final conference

Join us in a discussion with key European actors  
from the Earth Observation and Geographic  
Information domain and stakeholders from the  
education and training sector.

**Save the date!**

📅 17-18th May 2022  
📍 Brussels and online

Organized by  
the EO4GEO alliance

Co-funded by the  
Erasmus+ Programme  
of the European Union



**SPACE GIRLS/  
SPACE WOMEN  
Mobile Photo-  
exposition  
(1)**



- 40 photo portrays of girls and women of three different generations and different continents with their heads in the stars who choose space as a career, work or study option
- Supported by Sipa-Press and ESA (NEREUS is together with CNES, Cité de l'Espece, Universpace and GSA sponsoring partner);
- Following events in Brussels and Paris exhibition tours through NEREUS-regions





# Bring SPACE4OUR Planet to your region

New exhibition:  
Space4OurPlanet  
(1)

« **SPACE4OurPlanet** » - features portraits of **17 Women, men, boys and girls from 17 Countries** explaining how **space technologies** contribute to the accomplishment of **17 Sustainable Development Goals (SDGs)**

Space  
sustainability

<https://www.space4ourplanet.org/>



Launched on 28<sup>th</sup> September 2021 in Brussels/Belgium in front of the European Parliament



## The use of Space

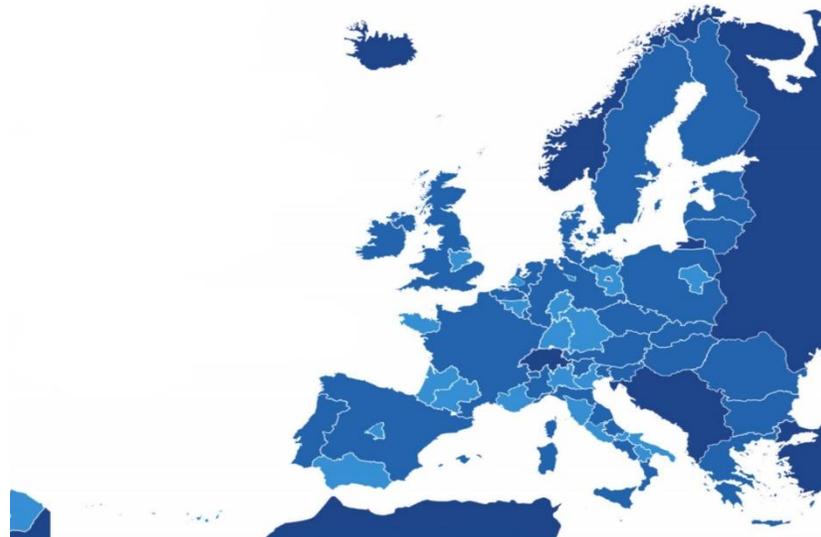


## Regions: a key player for education and training

- ❖ Regions are a key end-user group (almost 90% of the service are related to the public sector);
- ❖ Regions are responsible for innovation, research and SME policies and programs as well as regional policies (structural funds, S3-strategies);
- ❖ Regions are a privileged scale to identify and define societal needs and growth opportunities for space;

Regions: a key  
player for  
education and  
training

- ❖ Regions are the unique level to link space with territorial and regional development challenges;
- ❖ **Regions are able to channel space** as an enabler into a wide range of non-space policies;



# NEREUS webinar series on education/training in the space sector



## EDUCATION AND TRAINING IN THE SPACE SECTOR, NEW TRENDS, PARTNERSHIPS AND OPPORTUNITIES

**I SESSION - 5TH OCTOBER 2022, 15:00-16:00 CET**



**Programme 5th October 2022 (moderated discussion with participating partners):**

- Welcome and introduction by Margarita Chrysaki, NEREUS Communication and Project Officer (5 min);
- Presentation of the Laboratory of Atmospheric Physics, University of Patras (GR) and its expertise and interest for cooperation, by Professor Andreas Kazantzidis (5-7 min);
- Presentation of the Space Research Centre in East Midlands (UK), University of Leicester, by Professor Mark Lester (NEREUS-Vice President) and its expertise and interest for cooperation (5-7 min);
- Moderated discussion with participating partners on presented areas/priorities for partnerships/cooperation and next steps (15 min);
- Capacity building skills opportunities (5 min.):
  - Presentation of the EOTEC Dev Net by Dr. Martyna A. Stelmaszczuk-Górska, (University of Jena);
  - Presentation of Digital Europe call by Francesco Casaril NEREUS Trainee;
- Presentation of the EO4GEO tools and training material by Eva-Maria Steinbacher, University of Salzburg, and Sven Casteleyn, INIT (10 min);
- Closing remarks

**II SESSION - 7TH NOVEMBER 2022, 11:30-12:30**



**Programme 7th November 2022 (moderated discussion with participating partners):**

- Welcome and introduction by the Secretary-General Roya Ayazi (5 min);
- Presentation of the Cyprus University of Technology and its expertise and interest for cooperation by Professor Diofantos Hadjimitsis (5-7 min);
- Presentation of the Politecnico di Milano and its expertise and interest for cooperation, by Assistant Professor Raffaella Brumana (5-7 min);
- Moderated discussion with participating partners on presented areas/priorities for partnerships/cooperation and next steps (15 min);
- Presentation of new funding opportunities, by Margarita Chrysaki, NEREUS Communication and Project Officer (5 min);
- Presentation of the EO4GEO by Milva Carbonaro (EO4GEO Coordinator) and UNIVERSEH Alliances (10 min);

[link](#)

# THANK YOU!

[www.nereus-regions.eu](http://www.nereus-regions.eu)



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**Network of European Regions Using Space**