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Greetings from the Presidency

In 2017, Europe celebrated the 60th anniversary of the signing of the Treaties of Rome: 1957 was a building stone of the European integration process. Since then, the European Union has further enhanced its integration, such as with the recent development and implementation of the European Space Policy which frames Europe's flagship space programmes that no Member State could have achieved alone. In this framework, the celebrations for the 10th anniversary since the signature of NEREUS' Political Charter became a unique opportunity to reflect on the common ground of understanding that was identified a decade ago by the founding fathers in Toulouse, to better adapt the network's strategy to future challenges and opportunities.

Space is the field in which we find all the keys of the hoped European rebirth: from research and innovation for competitiveness to the role of the small and medium-sized industry that supports big businesses; from the importance of digital technologies as well as of qualified human capital. Space is a sector which enables services for regional challenges, its citizens and public administrations, providing them with applications for daily use of a significant utility. Moreover, we have seen the development of its role in international relations as well as in the construction of the image of a Europe that reaches out to other continents. This has been beneficial for both our companies and Member States.

Space for regions has been the founding intuition of NEREUS. Ten years later, the challenges we face are increasingly impressive. I believe that it will be up to the territories to play their part since it is impossible to delegate the most relevant decisions only to the European and national levels. In my view, the role of the regions will be progressively more essential. In this sense, it is my responsibility and honour to pursue this vision and steer the political dialogue of the association, together with the Vice-Presidents, Treasurer and Management Board, in these challenging times for Europe. I wish to thank the Member Regions of the network, as well as the thriving community of Associates that value the interregional collaboration and bring into their daily work at both local and European level.

I look forward to co-operating with you in the future and wish you a pleasant read.

> **NEREUS President** Michele Emiliano

Report from the Secretary General

Dear NEREUS community,

We are proud to share with you the Annual Report for 2017/2018. At a busy time for the European space sector, we will report on the political dialogue, interregional collaboration and public outreach activities, while providing you with an outlook for the future.

In 2017, we were glad to welcome a new Full Member from Poland: the region of Podkarpackie, which brings the association to 26 Full Members. Their regional government presented aviation and aerospace as leading smart specialisation branches of the Region: in this sense, the adhesion to NEREUS is seen as strategic to further integrate space technologies with the aviation, information and telecommunications technologies. We hope that our new network partner will encourage further exchanges amongst members holding complementary assets.

2017 saw the election of a new Management Board, whose composition reflects an increasing political commitment: four regional politicians out of ten Board members to steer the strategy of the network. With the upcoming negotiations for the future 2021-2027 Multiannual Financial Framework (MFF) and related programmes (Space, Horizon Europe, Cohesion Policy), a strong Presidency and proactive Management Board is crucial for the representation of the network at an institutional and political level. The profiles and pictures of the Management Board are included in this Activity Report.

In this respect, NEREUS took the occasion of the 10th anniversary of the signature of the Political Charter as a unique opportunity to re-position the network concerning the next decade while celebrating a decade of advocacy for regional space uses. Many political representatives of NEREUS member regions signed the Joint Declaration on Key Political Priorities for 2018-2020, which will be beneficial for the advocacy work related to the next MFF 2021-2027.

While intensifying the political dialogue, NEREUS has also been increasingly involved in European projects. These initiatives enable the network to reinforce its presence in strategic areas such as the Copernicus User Uptake Framework Contract and the Blueprint for Sectoral Skills Alliance. As an example, the Copernicus4Regions initiative is strategic to gather authentic testimonies from local and regional authorities across Europe to back the network's advocacy work with solid user stories. The involvement in projects is valued when these are in line with the association's core mission: for example, when these allow gathering practical experiences of how space data and information is reused in processes that create an added value within the European single market as well as in support to public policies and services.

After nearly a decade acting as Secretary General of the network, I wish to express my gratitude to the network's community that engages with the Secretariat. In particular, I am grateful to the dynamic team which works on a daily basis to pursue NEREUS' endeavours, namely Ilaria d'Auria, responsible for policy analysis, project management and communications, and Elena Bratikova, who provides support to the daily management of the Secretariat. Last but not least, we have welcomed the possibility of hosting Giorgio Ampolo for a part-time internship at our premises: he gave a fresh impulse to our team.

I wish you a pleasant read and look forward to our next steps together.

NEREUS Secretary General Roya Ayazi

Figur Ayori

Looking back at 2017



POLITICAL DIALOGUE

Monitoring relevant EU policy developments and advocating towards the European institutions is a crucial pillar of NEREUS' activities. The network's ability to make its case relies on its members' commitment in mobilising decision-makers as well as compelling user stories showcasing how local and regional authorities are benefitting from the use of space technologies for key policy areas. We are pleased to share with you NEREUS' accomplishments since the publication of the Space Strategy for Europe by the European Commission.

Before its publication (October 2016), NEREUS released a Position Paper recommending to add a regional dimension to this Communication and multiplied its efforts to advocate its position towards the European Parliament and the Committee of the Regions. A tangible result of this work is reflected in the inclusion of the Committee of the Regions as an observer at the Copernicus User Forum. Moreover, both MEP Krehl's Report on the Space Strategy for Europe (July 2017), as well as Andres Jaadla's Opinion by the Committee of the Regions, duly take into consideration the positions of the network: not only the network is explicitly mentioned, but several references to the regional level can be found.

A concrete measure of the Space Strategy for Europe relevant to the network's community was the launch of the Network of Copernicus Relays and Academies, inaugurated with the "Copernicus Goes Local" event at the European Parliament (June 2017). In this context, Commissioner E. Bienkowska highlighted that the European Commission will now invest in all the Copernicus economy, as well as in space infrastructure.

President of the Committee of the Regions, Markku Markkula, highlighted the need for a stronger

regional dimension in the Space Strategy for Europe, indicating the launch of the Copernicus Relays and Academies as a strategic interface to bring the benefits of Copernicus closer to the citizens. He recalled that regions are critical players on the ground fighting the impacts of climate change such as floods, coastal erosions, forest fires, as well as monitoring the environment in which citizens live in. In this sense, the experience of the Regional Contact Offices (RCOs), launched by 13 NEREUS members in the frame of the DORIS-Net project (2011-2013) can be seen as a pioneer: in order to further engage regional administrations in the use of innovative GMES-services, RCOs were tasked to structure interregional dialogues and collaborations in order to maximize the benefits of GMES uses. In line with that experience, 23 NEREUS Members were selected by the Commission as Copernicus Relays and Academies: we see this as a great accomplishment of the network community who responded positively to this opportunity.

Reflecting its role as a relevant interlocutor for the European institutions and agencies, NEREUS was invited together with other stakeholders by the European External Action Service, and DG GROW to exchange opinions on the concept of Space Economic Diplomacy. Following the stakeholder consultation, the participating organisations were requested to deliver a Position Paper detailing their views. After a broad regional consultation with those working closely on the internationalisation of the private sector, the network made recommendations: it suggested, for example, to broaden the scope of the internationalisation actions targeting b2b also to public authorities. The Working Document will serve as a basis for a high-level event organised in 2019, involving banks and financial institutions in the political dialogue.

PUBLICATIONS

Space Matters: The Significance of EU Space Activities for Regions and their Citizens (May 2018)



http://www.nereus-regions.eu/wp-content/uploads/2018/03/Leaflet_final-1.pdf

Joint Declaration on Key Political Priorities for 2018-2020 (November 2017)



http://www.nereus-regions.ovh/wp-content/uploads/2017/10/NEREUS-Joint-Declaration-on-Key-Political-Priorities-for-2018-2020.pdf



Working Paper on Space Economic Diplomacy with Recommendations for a broader scope of Internationalization activities (April 2017)



http://www.nereus-regions.ovh/wp-content/ uploads/2017/10/20171204_Space_Economic_ Diplomacy.pdf

Position Paper with Recommendations on adding a regional dimension to the European Space Strategy (April 2016)



http://www.nereus-regions.ovh/wp-content/ uploads/2017/11/Position-Paper-on-EU-Space-Strategy_2016.pdf







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INTERREGIONAL COLLABORATION

Regional anchorage is crucial to a European network of regions, as it allows to strengthen the local space community and integrate EU space policies and programs to regional strategies. Upon its member's request, NEREUS organises several regional workshops on specific thematic areas (i.e. agriculture, maritime, cooperation for development) targeting public administrators and local professional user communities. Moreover, NEREUS' collaborations with the European Commission and the European Space Agency support exchanges amongst regions and inevitably increase the visibility of their space capabilities.

COPERNICUS INFORMATION AND TRAINING SESSIONS

As part of the successful consortia implementing the multiannual (4 years) Copernicus User Uptake Framework Contract, NEREUS has been tasked to develop training modules on "Copernicus for Local and Regional Authorities". These included a series of webinars, developed by network members, on combatting urban heat wave (Planetek, Apulia), monitoring green areas in cities (CEREMA, Occitanie) and using satellite imagery to do on-farm checks for confirming agriculture subsidies (CNR-IMAA, Basilicata). Moreover, NEREUS experts gave presentations on these thematics in the frame of Information and Training Sessions organised by the European Commission and the interested Member States. More Info sessions are planned in 2018 and will be a further opportunity to gather contacts across Europe, as well as positively impact the network's visibility and membership base.

- NEREUS participation in the
- Copernicus Information Sessions for
- 2017: Vilnius (Lithuania), Aarhus
- (Denmark), Lund (Sweden), Prague
- (Czech Republic), Lisbon and the
- Azores (Portugal), La Valletta
- (Malta), Tallinn (Estonia), Cork
- (Ireland) and Paris (France).

NEREUS participation in the Copernicus Information Sessions planned for 2018: Bulgaria, Cyprus, Austria, Slovakia, Italy, Norway, Spain, Germany, Poland and

Slovenia.

MORE INFORMATION

http://www.copernicus.eu/main/infosessions



TRAINING MATERIAL:

Copernicus for Local and Regional Authorities (LRAs):

https://www.youtube.com/watch?v=IJgaK-FEwp8&t=447s



Copernicus for LRAs: Mitigating Heat Wave and Urban Heat Island Effect Using Copernicus Data

https://www.youtube.com/watch?v=2eqDXYJ6Kls&t=30s



Copernicus for LRAs: using satellite imagery for controls related to the eligibility of farmers for EU aids in Agriculture

https://www.youtube.com/watch?v=9Fd1yNobCGw&t=350s



Copernicus for LRAs: An easy way to map vegetation

https://www.youtube.com/watch?v=WqxTACH-MU8&t=92s



Copernicus for LRAs: Mitigating Heat Wave and Urban Heat Island Effect

https://www.youtube.com/watch?v=2eqDXYJ6Kls&t=37s

COPERNICUS INFODAY IN VENICE (VENETO REGION, ITALY)

With the launch of the Network of Copernicus Relays and Academies, regional players have a unique opportunity to become the protagonists of the user uptake strategy, and roll-out the benefits of Europe's ambitious Earth observation programme at the local level. Increasing the engagement of companies, universities and research centres as well as raising the awareness of the civil society would maximise the benefits of using Copernicus data and information. As NEREUS, we are proud to learn that a significant number of organizations selected by the European Commission as Copernicus Relays and Academies is also a member of the association: we see this as a success story of the interregional collaboration and advocacy efforts developed by NEREUS and welcome input on their behalf on how to further strengthen their activities.

As an illustration of this local engagement, we can indicate the Italian Information Day on Copernicus organised and hosted by Veneto Region, together with its local Copernicus Relay and Academy, the Istituto Europeo per lo Sviluppo Tecnologico. With over 80 participants, the two-day conference had a specific focus on regional ecosystems, looking into how administrations, enterprises and researchers are already using the wealth of data and signals made available by the two EU space flagship systems in sectors such as Agriculture, Cultural Heritage Preservation, and Civil Emergency.

Regional workshops strengthen the network's regional anchorage and enhance interregional collaboration, confirming both as founding values of NEREUS, which generate tangible effects for the members. The Brussels-based Secretariat remains at the disposal of all the NEREUS members to assess the possibility of organising such initiatives in your territories.

INNOVATING INTERNAL COMMUNICATIONS

Operating at the European level to voice regional concerns across the Member States as well as towards the European institutions is a challenging mission: the work of the Brussels-based Secretariat would not be possible without the support of the established governance bodies such as the General Assembly and the Management Board. Over the years, a Brusselsbased Working Group, comprised of the Brussels-based regional representatives of the NEREUS Member Regions consolidated its activities and has become a valuable asset for the network.

This best practice (1) smoothens the internal communication flows between the Brussels-based secretariat and the regional representatives in the member regions; (2) provides valuable input to the Management Board and (3) supports the Brusselsbased Secretariat with content, contacts and logistics for NEREUS' key events. As an example, the group has been of crucial importance for building the auspicious anniversary of the network: it ensured that the political level of their regional administration sign the Joint Declaration on Key Political Priorities; it illustrated regional capabilities in the space sector by mobilizing entrepreneurs, civil servants, researchers and lobbyists to come to Brussels and share their user stories; it promoted the events towards their contacts in the European institutions and other regional representation offices.

Valuable ideas and experiences animate our network community.

- How can we provide visibility to them?
- How can we fuel them into the network's strategy and use them to illustrate what regional administrations across Europe are delivering via the use of space applications?
- How can we gather positions to nourish our advocacy efforts at a political level towards the European institutions?

The Secretariat launched a new format to facilitate collaborative thinking amongst the network community. Taking advantage of the rare opportunity of having many network members in Brussels, the NEREUS team organised two collective brainstorming sessions in 2017. The first one, held at the margins of the Annual General Assembly, aimed at collecting ideas and proposals on four relevant thematics for the network, namely political dialogue, network strategy/ development, working structures and communication / public outreach. This successful exercise, appreciated by all participants, was repeated before the ten years anniversary of the network when Mr John Lewis (Telespazio VEGA) moderated the brainstorming session to gather input on the Joint Declaration on Key Political Priorities and ways to implement it in the different member regions by 2020. The participants positively considered this format as it fostered ownership of the ongoing activities of the network as well as collaborative thinking amongst the members: the NEREUS Secretariat is available to discuss future implementations on request of members.

COMMUNICATION AND OUTREACH

The organisations of public events is a core pillar of the NEREUS communications and public relations strategy. In this sense, the ten years anniversary of the signature of NEREUS' Political Charter was a unique opportunity to reflect on the format of such events: it should reflect the broad array of actors involved in the space field, it should have a fresh twist to its storytelling objectives. Hence, citizens were put at the heart of the event as the first speakers sharing concrete experiences of how space meaningfully impacts their daily life and work. The contribution of NEREUS member regions was crucial: they suggested speakers ranging from a nine-year-old child to a young PhD student studying the use of satellite data as proof in legal cases. Several regions invited civil servants operating in the space sector, from those working in Brussels to those serving on the ground to monitor the algae bloom on coastal areas. Keynote speeches from high-level representatives of relevant EU institutions included MEP Constanze Krehl, the Director General of the European Space Agency Jan Woerner as well as Andres Jaadla (Committee of the Regions). Before breaking out for the festive ceremony, the political and technical representatives of NEREUS member regions signed the Joint Declaration on Key Political Priorities for 2018-2020. The success of the event and the positive feedback received by the participants indicate that the strength of the network lies in the proactive membership, as well as the fruitful collaboration between the NEREUS Management Board and the Brussels-based working Group.

NEREUS' commitment to the promotion of space awareness towards young audiences has increased over the years, and audience development remains an ongoing reflection. Sponsoring the SPACE GIRLS SPACE WOMEN exhibition by SIPA PRESS, and offering NEREUS members the opportunity to host the exhibition at advantageous conditions appeared to be an excellent choice in this sense: since 2016, seven member regions have hosted the display and used it as an opportunity to attract non-specialist people to the space field.

The portraits by female reporters of women with their heads in the stars, passionate about space and contributing to the space adventure with their daily work, travelled from the Universal Exhibition in Milan to the public library of Santa Maria – one of the islands of the Azores archipelago. From Basilicata to Bremen, hundreds of people were able to discover what women are doing in the space sector.

We are pleased to inform the NEREUS community that those of you who wish to organise a local event around the Space Girls Space Women exhibition can do so until December 2019, as the NEREUS Management Board has given its approval to extend the usage rights.

Don't miss this unique opportunity!

The SPACE GIRLS SPACE WOMEN exhibition traveled to the following NEREUS member regions in 2017/2018:

Brussels, Belgium

Bari, Apulia

Milan, Lombardy

Chieti, Abruzzo

Santa Maria, Azores

Leicester, East Midlands

Matera, Basilicata

Free Hanseatic City of Bremen, Bremen

Toulouse, Occitanie

MORE INFORMATION:

http://www.nereus-regions.eu/2018/01/20/space-girls-space-women-exhibition/

http://www.nereus-regions.ovh/category/history/Public-Outreach/



Outlook on 2018

2018 will be a crucial year for the European Space sector since considerable changes will come due to the ongoing debate on the next Multiannual Financial Framework and the new Regulation for the Space Programs of the Union. The effect of these political and economic choices will reshape the European context and because of that NEREUS will be at the forefront advocating for its members: we wish to build a strong advocacy strategy together with our members, so get in touch with the Secretariat to exchange on your regional positioning.

The collaboration of NEREUS with the EEAS and DG GROW on the Space Economic Diplomacy will lead to further cooperation on this topic. NEREUS is discussing with the EEAS, the EC and the ESA the possibility to organise an event having the purpose of building bridges among stakeholders involved in the space sector and financial institutes and banks. Furthermore, the increasing collaboration with the European Commission and ESA will lead NEREUS to be even more involved in projects, such as Copernicus4Regions and EO4GEO.

We look forward to regularly updating you on this initiative: stay in touch with us to benefit from upcoming opportunities!

KEY EVENTS IN 2017

- BeGEO (Brussels, BE)
- AeroSpace & Defense Meetings (Rzeszow, PL)
- Signature of the Memorandum of Understanding with Mercator Ocean (Brussels, BE)
- Space for Development Cooperation (Brussels, BE and Bremen, DE)
- Meeting of the German Regions with DLR ()
- InfoDay (Venice and Padova, IT)
- Space Policy Space Industry Dialogue (Bavaria, DE)
- 10 years anniversary of NEREUS (Brussels, BE)

NEREUS OUTREACH TOOLS



Website: http://www.nereus-regions.eu/



Twitter: https://twitter.com/nereusaisbl



Facebook: https://www.facebook.com/ NEREUSaisbl/



LinkedIn: https://www.linkedin.com/company/ nereus-network-of-european-regions-using-spacetechnologies/



YouTube: https://www.youtube.com/channel/ UCza7mlu8BbGMfpU5W9FAKnQ



Publications: http://www.nereus-regions.eu/ publications/

GOVERNANCE

The **General Assembly** represents all NEREUS Full and Associate Members. It is the **key decision-making body and supreme power** of the organization. NEREUS being a network of regions, Full Members play an essential part in it and have full voting rights, whilst Associate Members may only express views in a consultative role and participate in the General Assembly in a non-voting capacity.

The General Assembly 2017 was held in Brussels on 19th May 2017

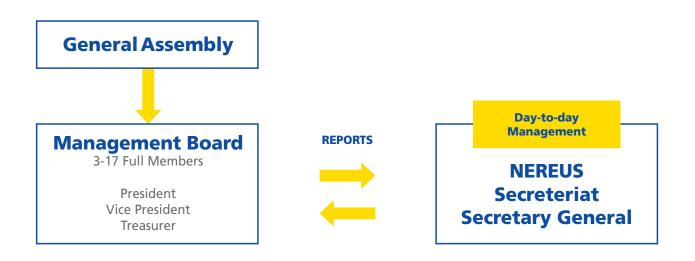
The General Assembly 2018 will be held in Brussels on 29th November 2018

The **Management Board** is the steering committee of the network: it decides on strategy and monitors the implementation of the work programme. It is entrusted with the overall responsibility of the association management, appoints the Secretary General and engages in a regular exchange with the Secretariat in order to focus on the political dialogue, the working group and other opportunities for the network. Only the regions (Full Members) may nominate representatives to the Management Board.

In 2017, the Management Board met in March, May, September and November.

In 2018, the Management Board met in May and November.

NEREUS aisbl Structure



NEREUS-President (Apulia Region, Italy)



Michele Emiliano was born in Bari on July 23rd, 1959. He has three sons, Giovanni, Pietro and Francesca. He is judge and he was deputy public prosecutor at the Anti-Mafia Directorate of Bari and, previously, in the Courts of Brindisi (Puglia) and of Agrigento (Sicily). In its functions as public prosecutor he has instructed some of the most important processes against Mafia in Puglia. He has been Mayor of Bari for ten years, from 2004 to 2014, leading a centerleft coalition. He has been Regional Secretary of the Democratic Party between October 2007 and 2009, and then since February 2014. In June 2014 he was appointed Councilor for Legality and Municipal police in the City of San Severo (Foggia). He was elected President of Puglia Region on May 31st, 2015 in the coalition of the center-left, with 791,498 votes and a percentage of 47.17%

NEREUS-Vice-President (Bavaria Region, Germany)

Dipl.-Math. Bärbel Deisting is Director of Space and Space Applications at bavAlRia e.V. Moreover, she is the German ESA business applications ambassador, Vice-president of NE-REUS the Network of European Regions Using Space Technologies and a member of the Scientific Committee of the Navis Centre in Hanoi. She received a degree in Mathematics from the Ludwig-Maximilians-University (LMU) and was working until 2012 for ISTA, University FAF Munich, ITIS e.V. and ITIS GmbH. There she was working in the field of GPS and Galileo and was involved in several EU projects. She was a member of organizing committee of the Munich Satellite Navigation Summit until 2012. Furthermore, she has an apprenticeship as mediator.



NEREUS-Vice-President (East Midlands, United Kingdom)

Prof Mark Lester is Professor of Solar Terrestrial Physics at the University of Leicester. He has over 40 years' experience working on the space plasma physics with personal research interests in ionospheric and magnetospheric physics and has published nearly 350 papers in the scientific literature. He has extensive experience of working with and operating HF radars and is the Chair of the executive council of the Super Dual Auroral Radar Network (SuperDARN). He has also worked with a variety of spacecraft data sets and is currently working on a project involving various spacecraft at Mars. As a Professor at one of the UK's leading Universities involved in space research, he also believes passionately in the training and education of the next generation off space scientists and engineers.



NEREUS-Vice-President (Occitania Region, France)

Bernard PLANO, Regional Councilor of the Region Occitanie / Pyrénées-Méditerranée, was elected Vice-President of NEREUS in 2017. Deeply involved in the economic development of the Region, Mr. Plano is Vice-President of the Industry Committee and of the Regional Innovation Agency. Besides, this former space industry engineer is the Chairman and Founder of the Inspace Institute, which aims at promoting the development of spatial applications for public authorities, in order to better tackle environmental and urban issues. Finally, he serves as Mayor of Lannemezan and President of the Plateau de Lannemezan Communauté de Communes.



NEREUS-Vice-President (Lombardy Region, Italy)

Fabrizio Sala was born in Milan on 13 June 1971. Holding an Accounting Diploma, he worked in the furniture industry until he was elected Mayor of the Municipality of Misinto until 2009. In 2013, he became a Regional Councilor and was appointed Undersecretary for Expo 2015 and the Internationalization of Enterprises and the following year he became Councilor for Housing, Social Housing, Expo 2015 and the Internationalization of Enterprises. In October 2015, he became Vice President of the Lombardy Region and also in charge for the International relations. In July 2016 he has been elected President of the European Chemical Regions Network, ECRN, and in May 2017 he became Vice President of the Network of European Regions Using Space Technologies, NEREUS.



NEREUS Board Member (Basilicata Region, Italy)

Marcello Pittella was born in Lauria on June 4 1962. He is currently serving as 10th President of Basilicata region since 2013, as a representative of the Democratic Party. Father of three, Marcello holds a Medecine Degree and started his political career at a 31, when he was first elected as municipal councilor of his home town, Lauria. He became Lauria's Mayor from 2001 to 2005, and was then elected two times in a row as part of the Basilicata Regional Council. He joined Basilicata's Regional Government in 2012 as Councilor of Productive Activities and was its Vice President from April 2013 to September 2013. He was elected as President of Basilicata Region with 59,60% of preferences.



NEREUS Board Member (Azores Region, Portugal)

Francisco Luís Wallenstein Faria e Maia de Macedo has graduated in Economics (Universidade Nova de Lisboa, 1994) and in Biology (Universidade dos Açores, 2002) and has a PhD in Marine Biology (Heriot-Watt University, Edinburgh-Scotland, 2011). After 10 years doing research on coastal ecosystems of the Azores and 5 years working as Project Officer in the Fisheries and Science & Technology Departments of the Regional Government of the Azores, he was recently appointed to represent the Region in NEREUS and Copernicus matters and invited to integrate the Cabinet of the Regional Secretary for Sea, Science and Technology and the Azores Mission Structure for Space.



NEREUS Treasurer (Baden Württemberg, Germany)

Senator E.h. Wolfgang Wolf completed his vocational training and obtained the right to study at the same time. He then studied economics at the Eberhard-Karls-Universität Tübingen at the same time Wolfgang Wolf worked in the Institute for Applied Economic Research (IAW). After completing his studies, he worked as a research assistant at the University of Tübingen, as well as a department head at the regional association of the local health insurance companies in Württemberg-Baden. Wolfgang Wolf has been working for the Baden-Württemberg-based Industry Association (LVI) since 1980. He was appointed to the management of the LVI in 1981 and became a member of the Executive Board of the LVI in 1994. He headed the founding of the Aerospace Forum in Baden-Württemberg (LR BW) in 2005 and since then has been Managing Director of LR BW. In the 12 years since the founding of LR BW, he has been particularly active in the aerospace industry as an important cross-section technology of Baden-Württemberg, in politics and other industries. He is also managing director and board member of other associations and clusters and holds numerous honorary offices in economically oriented institutions.



NEREUS Board Member (Mazovia Region, Poland)

Surveyor of the Mazovia Region

Director of the Department of Digitization, Geodesy and Cartography

in the Office of the Marshal of Mazowieckie Voivodeship

Has over 30 years of professional experience including: surveyor of the region, director of the Department of Geodesy, Cartography, Cadaster and Real Estate of the Provincial Office in Płock, director of the Land Surveying and Real Estate Department in the Office of County in Płock, director of the Real Estate Cadastre Department and deputy director of the Surveyor General of Poland, director of Provincial Geodetic and Cartographic Documentation Center in Warsaw, director of the Office of Regional Surveyor in Warsaw. He currently holds the position of surveyor of the voivodship and the director of the Department of Digitization, Geodesy and Cartography of the Office of the Marshal of Mazowieckie Voivodship in Warsaw. He is an author and co-author of publications on spatial information, e-government, several copyrights in the field of geodesy, cartography, cadastre and real estate management. He has professional qualifications to serve positions in the field of geodesy and cartography, court expert in the field of property valuation.



NEREUS Board Member (Hesse Region, Germany)

Ms. Perdita De Buhr, Hessian Ministry of Economics, Energy, Transport and Regional Development



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