

Eurisy Annual Activities Report June 2016-May 2017

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Contents

1. Scope of this document	5
2. Events from June 2016 to May 2017	5
2.1 <i>Eurisy event.....</i>	5
2.2 <i>Co-organised events and contributions to external events.....</i>	6
2.3 <i>Events under preparation</i>	12
3. Publications	13
4. European projects and other partnerships	14
5. Copernicus Academy Network	14
6. Eurisy 2016 Members' Day	14
7. Hubert Curien Award	15

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1. Scope of this document

This document provides Members participating in the Eurisy General Assembly 2017 with a factual record of Eurisy's activities during the previous year. This will be the basis for discussion in the General Assembly on lessons learnt and the way forward, aiming to support Members in their decision on future focus areas and best methodologies for Eurisy to carry out its mission. The discussed lessons learnt and way forward will be reported on following the General Assembly.

2. Events from June 2016 to May 2017

2.1 Eurisy event

Event organised under the end-to-end responsibility of Eurisy, in cooperation with local hosts:

Satellite Applications for the Alps

27 October 2016 | Berchtesgaden, Germany



The objective of the conference was to discuss how innovation derived from satellite images, satellite navigation, and satellite telecommunications can support the Alpine stakeholders on a number of topics, including environment monitoring, logistics, infrastructure management and so on.

The success of the event, as well as the conclusions of the event led to a follow-up activity: the **Satellite Applications for the Alps – Search and Rescue project**, as well as a **conference** by the same name to take place in October 2017. Read more about the project below.

2.2 Co-organised events and contributions to external events

An overview of events where Eurisy contributed to the organisation with end-to-end responsibility for a part of the programme and/or also introducing end-user presentations to the programme:

Interreg 2 Seas Cooperation Fair

2 June 2016 - 3 June 2016 | Esher, United Kingdom



Eurisy hosted a stand during the Interreg 2 Seas Cooperation Fair. The fair is organised by the EC to inform public authorities interested in the funding scheme of the calls to come. The event was an ideal platform for Eurisy to raise awareness on the potential of satellite applications and the potential of using these funds to explore them.

OECD Space Forum Workshop: Innovation in the Downstream Space Sector

9 June 2016 - 10 June 2016 | Harwell, UK



Organised by the European Space Agency and the OECD, the workshop explored a full range of initiatives, including innovation governance models and policy tools that may be applied to further develop the space economy. Eurisy added its expertise on how the existing space capabilities, products and services can be brought closer to institutional users.

Smart mobility 2016 - #Hackthetraffic!



14 June 2016 | Issy-les-Moulineaux, France

As part of the Paris French Tech Festival (Festival Futur en Seine), the city of Issy-les-Moulineaux organised a one-day event for discussions on how digital technologies can ease and improve urban traveling. Eurisy contributed a presentation on examples of satellite applications in the field of smart mobility.

What can Sentinels do for regions? A discussion about the use of Copernicus satellite data within Local and Regional Authorities in Europe

28 June 2016 | European Parliament, Brussels



This workshop presented the results of the joint NEREUS-ESA project "Improving Copernicus among Local and Regional Authorities". Through this project, NEREUS and ESA joined forces in order to familiarise local and regional administrations with Sentinel-based potential applications, discuss roadblocks and potential recommendations to overcome them. Eurisy reported on its work with local and regional authorities.

Market conditions for the space industry workshop

5 July 2016 - 6 July 2016 | Brussels, Belgium



In the context of the targeted consultation for the initiative, 'A Space Strategy for Europe', the European Commission organised a 2-day workshop dedicated to market conditions for the space industry.

Eurisy gave a keynote on "Satellites for Society: Reporting on operational uses of satellite-based services in the public sector".

GEO-CRADLE Novi Sad Project Workshop Meeting

14 July 2016 - 15 July 2016 | Novi Sad, Serbia



In the framework of the GEO-CRADLE project, this event focused on the Balkans. The event aimed to catalyse discussions on the geo-information value added chains within the region. Eurisy organised and moderated a session scoping the needs for geo-information in Serbia, Albania and Romania.

Technologies That Matter: Downstream Space Applications

27 September 2016 | Athens, Greece



Eurisy partnered with MITEF Greece for the first Technologies That Matter event. The conference informed the local business sector and start-ups on emerging opportunities in downstream space applications. It also introduced participants to support programs coordinated by the European Space Agency and the European Commission. Eurisy mobilised a speaker on the ESA TTP programme.

The future of Copernicus: Extension and Expansion

5 October 2016 - 6 October 2016 | Bucharest



At the event, Eurisy organised and moderated a round table between potential final users, service providers, and representatives of the ESA IAP and EC GSA, to discuss potential IAP projects as ways of piloting activities. Co-organised by ROSA, EC, ESA and Eurisy, the conference has become an annually reference event for the Earth Observation (EO) community in Eastern Europe.

Addressing GEO-CRADLE regional challenges - Access to raw materials

17 October 2016 - 18 October 2016 | Rabat, Morocco



This networking event was aimed at the whole Moroccan geological and geo-scientific community and stakeholders, and in particular, at in-situ network operators. The Eurisy member, CRTS - the Moroccan Royal Centre for Remote Sensing - was present to introduce their activities and work to facilitate access to information on raw materials for end-users. The event was part of GEO-CRADLE.

Space meets agriculture - fostering interregional collaborations, investments and definition of user requirements

14 November 2016 - 15 November 2016 | Matera, Italy



NEREUS and BASILICATA REGION, in collaboration with Consorzio TeRN and with the support of COPA COGECA and ERIAFF, have invited Eurisy to moderate a round table in this event dedicated to the use of satnav in agriculture. The main strands of the European Agriculture Policy have also been highlighted.

GEO-CRADLE Regional Workshop, Limassol

16 November 2016 - 17 November 2016 | Limassol, Cyprus



Eurisy joined GEO-CRADLE partners from the Balkans, North Africa and Middle East for the launch of the project's four pilot projects focused on raw materials, energy, climate change and food security which will support capacity building in the use of Earth Observation data in the three regions.

UNISPACE+50 - High Level Forum: space as a driver for sustainable socio-economic development

20 November 2016 - 24 November 2016 | Dubai



In the lead-up to "UNISPACE+50" -- the 50th anniversary of the first UN Conference on the Exploration and Peaceful Uses of Outer Space -- this event addressed future global space governance issues. Eurisy President Ms. Dominique Tilmans contributed to various sessions during the event.

Global Space Congress

31 January 2017 - 1 February 2017 | Abu Dhabi, United Arab Emirates



The event brought together regional and international stakeholders, innovators, space agencies, industry and academics to showcase new applications of space technology and discuss the future road map of space policy. Our Turkish member, TUBITAK were present to discuss on the value of satellite data to support capacity building in the MENA region. Eurisy was a media partner for the event.

DataSpace2017

1 February 2017 - 2 February 2017 | Glasgow, Scotland, United Kingdom



Eurisy participated in this conference that brought together data users from across the economy with data generators from the space, sector as well as pooling innovators and entrepreneurs from academia and the commercial sector with regulators, legislators and venture capitalists.

GEO-CRADLE Middle East Regional Workshop

2 February 2017 | Abu Dhabi, United Arab Emirates



Organised as part of GEO-CRADLE, this regional workshop brought together local and regional academic and Earth Observation industry representatives. The workshop focused on identifying the potential local challenges hindering the Earth Observation (EO) market uptake and business.

54th Scientific and Technical Subcommittee meeting of UN-COPUOS

3 February 2017 | Vienna



Eurisy participated and delivered a statement at the meeting, with the objective of raising the profile of the association and its user-related activities.

Paris Space Week, 3rd Edition

8 March 2017 - 9 March 2017 | Paris, Orly



Animated by experts from the major groups and space agencies but also start-up and innovative SMEs, the PSW Space Week is the key event involving numerous stakeholders along the space value added chains. The 3rd Edition of the event included 3 exposition areas, 6 thematic villages, numerous B2B meeting opportunities together with 2017 edition of the StartUp Space Challenge. Eurisy was a media partner for the event.

EUROGI's Members' Meeting

31 March | Brussels



Eurisy Secretary General was invited to Eurogi's Members' Meeting in order to provide some market insights based on Eurisy's work with user communities, and to explore cooperation opportunities between the two organisations.

Farm management: innovations and financing — picking alpha

5 May 2017 | Brussels, Belgium



This event informed provide capital investors about the latest trends in farming practices, and the potential for small business development in the sector. Eurisy Secretary General has been invited to present use cases for satellite applications and their potential for growth from the users' point of view.

GEO-CRADLE Regional Workshop

9 May 2017 - 10 May 2017 | Bucharest, Romania



The event was organised by the Romanian National Institute of R&D for Optoelectronics (INOE) in cooperation with the National Observatory of Athens (NOA). It discussed EO capacities, needs and opportunities in both in Romania and the Balkan region. Eurisy led a round table on user experience in forest monitoring and climate change adaption.

Aerospace and Defence Meetings Central Europe Rzeszow 2017: NEREUS-Workshop in Podkarpackie-Region

10 May 2017 | Rzeszow, Poland



NEREUS organised this workshop to raise awareness and promote the commercial opportunities linked to the exploitation of European space systems in the Podkarpackie region, one of the few in Europe that has aviation and aerospace as a priority in its regional smart specialisation strategy. Eurisy contributed to the workshop by presenting the results of its 2015 survey for Polish public authorities using satellite-based services. The analysis of the over 50 replies

collected to the survey is also presented within the Eurisy report "Satellites for Society: Focus on Poland".

Smart to Future Cities

16 May 2017 - 18 May 2017 | London, United Kingdom



The conference focused on practical, scalable applications of smart city initiatives to improve infrastructure and quality of life. Key issues of funding, security, scalability and citizen engagement were addressed through case studies, discussion groups and interactive panels. Eurisy mobilised the City of Dormagen to present their good practice case: a smart phone-based complaint management system to connect residents with city administrators.

GEO-CRADLE Regional Workshop

25 May 2017 | Cairo, Egypt



Organised by the Centre for Environment and Development for the Arab Region and Europe (CEDARE) in cooperation with the National Observatory of Athens (NOA), this regional workshop showcased intermediate GEO-CRADLE pilot project results in the field of solar energy and climate change. The pilots will aim to showcase how Earth Observation enabled services can help public authorities and companies respond to local and regional challenges. Eurisy

participated in a panel about end-user needs.

2.3 Events under preparation

Spaceport Norway 2017

18 June 2017 - 21 June 2017 | Stavanger, Norway



Spaceport Norway is a Space Technology conference and exhibition held for the first time in Stavanger June 18-21, 2017. It will be an arena for participants to discover how new space-based technologies, and satellite-derived data, can enhance or transform business opportunities both in the space industry and in non-space sectors. Eurisy organises a stand on the benefits of satellite applications in various fields.

Satellite Services for Future Health (Eurisy conference)

27 June 2017 | Belfast, Northern Ireland, United Kingdom



This conference will gather healthcare professionals, service providers, and IT professionals discussing case studies and exchanging experience about the use of satellite applications the sector. It is co-organised with the European Health Alliance, a network of healthcare professionals, in order to best mobilize potential end-users.

Nordic Edge Expo 2017

26 September 2017 - 28 September 2017 | Stavanger, Norway



Nordic Edge Expo is the largest Smart City meeting place in the Nordic countries. The conference covers a broad range of smart city themes and showcases both best practices and solutions addressing the urban challenges that most cities and communities are facing. Eurisy will host a session in the conference programme on satellite applications for smart sustainable cities.

Satellite Applications for the Alps: Search and Rescue

11 October 2017 | Bolzano, Italy



The conference will build on the previous Eurisy conference on Satellite Applications for the Alps held in Berchtesgaden 2016. It will mobilise a critical mass of search and rescue organisations to discuss the potential of aggregating demand to facilitate adoption of satellite services across the region. The conference will be held during the International Mountain Summit in Bolzano Italy in October 2017; this will provide us with the ideal platform to reach end-users

and build this network.

3. Publications

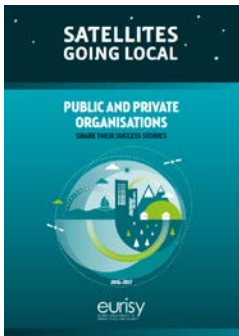


Satellite applications in the Alpine space: take-up success factors

December 2016

The recommendations and conference report were drafted out with the support of experts from selected space agencies, industry, academia, companies and Alpine stakeholder organisations. It summarises findings on user needs as presented by the users themselves, and the scope for using satellite service use in the region.

The most promising topic — search and rescue — is being carried forward in the form of a study on the critical mass of users needed for any satellite service to be commercially viable or, in any case, to identify a sustainable business model.

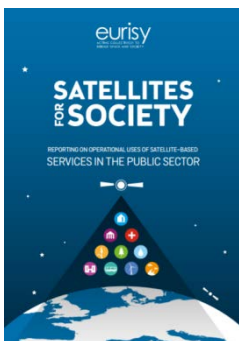


Satellites Going Local

December 2016

Eurisy published the 5th edition of Satellites Going Local. As usual, the handbook inventoried testimonials from public and private organisations using satellite applications to improve their work and provide better services to the public.

Examples ranged from agriculture and environment, to risk management, to tourism and leisure, to infrastructure and building, to mobility and transport.



Satellites for Society: reporting on operational uses of satellite-based services in the public sector

July 2016

The new Eurisy publication “Satellites for Society: Reporting on operational uses of satellite-based services in the public sector” analyses more than 100 replies submitted to the Eurisy survey for public authorities in 2015. Public managers were asked why they started using satellite-based services, how much the services cost and how the uptake was financed, which challenges they face, and how the satellite solutions help them saving time and resources while improving the quality of public services. This publication is disseminated by Eurisy with the aim of contributing to building a knowledge base on the uses of satellite-based services in the public sector. By taking into account the direct

feedback of public managers, the report offers a distinctive insight into the work of European public administrations, which will be useful to policy and decision-makers to increase the potential benefits of satellites for society.

4. European projects and other partnerships

Eurisy continued its dissemination activities within the **GEO-CRADLE** project, as well as, to a lesser extent, its exploration of end-user needs. Furthermore, Eurisy assisted the H2020 project **MISTRALÉ** by acting within the Project's Advisory Board.

Eurisy became a supporter/cooperating partner of the **BOOSTER PACA**, a newly-founded French network of service providers, users, academia, the IT sector, managed by SAFE Cluster in order to stimulate the development and take-up of satellite applications in France.

Eurisy strengthened relations with the main service provider associations: **ESOA**, **Galileo Services**, **EARSC** and **EUROGI**, but cooperating on concrete projects such as the Berchtesgaden conference (ESOA sponsorship), EARSC (within the GEO-CRADLE project) and Galileo Services (supporting the Health conference and principle agreement to scope out satellite navigation specific applications to be promoted, given that most have become mainstream).

NEREUS and Eurisy agreed in principle on shared activities in the framework of Sustainable Cities Initiative in 2018 (possibly a conference).

The partnership with the **Berchtesgaden Satellite Navigation cluster** and **IDM South Tyrol**, in addition to the conclusions of the Berchtesgaden conference, was one of the success factors in the continuation of the Alpine activities in the form of a project that will include a conference in Italy in October 2017.

The **Swiss Space Office**, a former Eurisy Member, supported the Alps conference financially, and with relevant Swiss contacts.

Various ESA departments involved Eurisy to extend the outreach of their own activities: the **ESA Copernicus Office**, the **Technology Transfer Office**, the **Artes-IAP Programme**.

Eurisy was invited by PricewaterhouseCoopers to participate in the mid-term review of the Copernicus programme that PwC is performing for the European Commission.

5. Copernicus Academy Network

In 2016, Eurisy became a Member of the Copernicus Academy Network. The Copernicus Academy will connect European universities, research institutions, business schools, both private and non-profit organisations, in the Participating Countries of the Programme and beyond. The goal of the Network is to develop lectures, training sessions, traineeships as well as educational and training material to empower the next generation of researchers, scientists, and entrepreneurs with suitable skill sets to use Copernicus data and information services to their full potential. The contents of the programme are still being defined, notably through a series of meetings Eurisy also took part in over the last few months.

6. Eurisy 2016 Members' Day

The annual Eurisy Members' Day was held on 6th December in Paris. In addition to representatives from 14 Eurisy Members, there were participants from the European Commission, EUROGI and EARSC. Participants discussed transforming the adopted Eurisy Strategy 2017-19 into action. The topics approved for immediate priority were "Health and Ageing" and "Smart Cities". Also identified for possible future attention were four themes that could be of interest to specific groups of Members in close geographical proximity: water management, mountains, maritime affairs and sustainability. A dedicated session on the future of satellite applications considered the relative merits of institutional markets versus private markets, and looked at the obstacles to the take-up of satellite applications.

7. Hubert Curien Award



Summer School Alpbach was the laureate of the 2016 Hubert Curien Award. 2016 also marked its 40th edition, having trained 2,400 participants in its 40 years of existence.

The award was handed over by Eurisy president D. Tilmans during the opening ceremony of the Summer School on 12 July in Alpbach, Austria, in the presence of ESA DG, Jan Woerner and Chair of the DLR Executive Board, Pascale Ehrenfreund, as well as that of Mr Johannes Ortner, one of the founders of the school.

About Eurisy

Eurisy is a non-profit association of space agencies and government offices dealing with space affairs in Europe.

It is mandated and financed by its members to increase the access of society to the benefits of satellite information and services.

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EURISY'S FULL MEMBERS

