

ANNUAL ACTIVITY REPORT

2022-2023



Prepared By:

eurisy
ACTING COLLECTIVELY TO
BRIDGE SPACE AND SOCIETY





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EURISY PRESIDENT'S MESSAGE



Dear Eurisy members,
Dear readers,

What an incredible year we are putting behind us! Our community keeps on growing with new members! In 2022, we welcomed the European Union Agency for the Space Programme (EUSPA) and BEYOND, Centre of EO research of the National Observatory of Athens. Besides, we engaged in multiple discussions with many other entities interested in joining forces to implement Eurisy's mission and vision collectively.

With the end of the pandemic, we have been able to return to in-person events, but not forgetting the past years and capitalising on a more dynamic way of working with you and our partners. Unfortunately, along with the masks we were not able to shelve the war language, which has on the contrary returned to occupy a large share of the public debate. The war in Ukraine, at Europe's doorstep, urged to prioritise external and internal security, and Eurisy has taken up the challenge by starting a series of conversations on the role of space, and specifically its applications in this field.

We continuously monitor strategic priorities of major EU and national institutions to provide meaningful proposal on initiative and actions.

While reading this report, you will deep dive in the recent initiatives and achievements of the past year. This demonstrates the need to promote the benefits of satellite applications and the importance of creating a community sharing approaches, visions and actions.

Eurisy has so much to offer, and we can't wait to do it together!

EURISY COMMUNITY



EURISY MEMBERS' TESTIMONIALS

We had the pleasure of collaborating with Eurisy while organising our event, the Earth Observation Forum in Warsaw, which focused on increasing the uptake of satellite data products and e-shape projects in Poland. Highly professional and active team and a dependable partner to work with in pursuing our joint goals. We are grateful for their cooperation

Jolanta Orlińska, Director of Earth Observation Department at the Polish Space Agency

EURISY is a fundamental platform that creates vital synergies and collaborations that are essential in making satellite data more accessible. EURISY brings about awareness about the myriad opportunities that satellite data offers and bridges the gap between data providers and users to create usable and tangible products.

Micheal Quinton, Space Engagement and Programmes Executive at Malta Council for Science and Technology

The NewSpace Strategy of Catalonia, led by the Catalan government, strengthen international cooperation to address global challenges favouring a significant contribution of the space ecosystem in the region. Joining Eurisy has had a very positive impact on the IEEC in our role to promote this space ecosystem and the NewSpace strategy in the international arena.

Josep Colomé Ferrer, Director Area for the Promotion of the Catalan Space Sector, Institut d'Estudis Espacials de Catalunya (IEEC)

Working with Eurisy and being its member allows us to build important collaboration networks and foster further development of our downstream capabilities. The past year was particularly fruitful thanks to new initiatives such as Member's Corner. The Slovak Space Office also had several opportunities to successfully collaborate with Eurisy within various larger events, for example, the Special Session at IAC 2022 in Paris or the Emerging Space 2023 Conference in Bratislava. Last but not least, we highly appreciate Eurisy's growing focus on emerging space ecosystems and their inclusion in the global space value chains.

Michal Brichta, Director, Slovak Space Office

NSO's membership and cooperation with Eurisy has been and will be of great value for NSO. We recently co-organised a workshop bringing parties from industry, research and public administrations together to discuss water management and biodiversity. Eurisy connected us to a valuable network of international organizations. We look forward to cooperate further in the future!"

Coco Antonissen, Satellite Applications Advisor at Netherlands Space Office

EURISY MEMBERS' CORNER



10 WEBINARS

REGISTERED
PARTICIPANTS

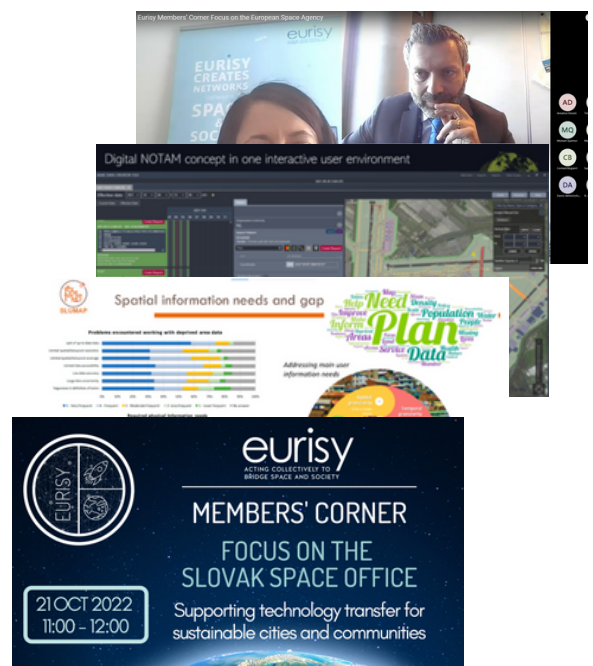
400

MARITIME
AFFAIRS
EDUCATION
ENVIRONMENTAL
PROTECTION
SPORTS
RENEWABLE
ENERGIES
ARTS
CLIMATE
CHANGE
TOURISM
INFRASTRUCTURE
CULTURAL
HERITAGE
INNOVATION
SUSTAINABLE
CITIES
WATER
MANAGEMENT

With this initiative Eurisy aims at fostering knowledge and experience sharing among its Members and towards civil society on ways to boost the development and uptake of satellite-based services responding to societal needs including activities supporting the commercialisation of existing applications.

Eurisy Members are fully aware of the need to anchor space in broader policy frameworks at political, economic and societal levels and are actively engaged in bringing the benefits of space applications down to Earth.

The Members' Corner is a series of monthly webinars enabling the exchange of experience and good practice within Eurisy's community of space organisations including agencies boasting a longstanding record of space activities, to newly established endeavours looking for opportunities in this vibrant sector. **With this new initiative, Eurisy underlines the importance of its Members. The Members' Corner is a tool to bolster the community of space agencies and organisations committed to bridge space and society.**



HUBERT CURIEN AWARD

The Hubert Curien Award is a historic biennial Eurisy endeavour commemorating the legacy of our founding father. The Award recognises outstanding efforts to help society benefit from space. Every two years, a high-level international jury selects a winner among a list of nominated candidates. Any person or organisation demonstrating dedication in the field of international cooperation in space science and technology, or in the promotion of space applications and their benefits to society, is eligible for a nomination.



For the 10th edition of this prestigious award the high-level Jury composed by **Josef Aschbacher**, Director General of ESA, **Rodrigo da Costa**, Executive Director of EUSPA, **Catherine Kavvada**, Director for Space Development & Innovation, European Commission DG DEFIS, **Pascale Ehrenfreund**, President ISU, **Giorgio Saccoccia**, President of ASI, **Philippe Baptiste**, President CNES, **Anke Kaysser-Pyzalla**, Chair of DLR, selected Ms **Amalia Ercoli Finzi** as winner for her lifelong commitment in space technology development and promotion.

"SPACE HAS BECOME AN ESSENCIAL ELEMENT OF OUR SOCIETY, NOT ONLY FOR THE CONCRETE BENEFITS OF ITS APPLICATIONS BUT ESPECIALLY BECAUSE IT IS OUR IMMAGINATION'S LAST SEARCH OFF TO DREAM"

In 2020 due to the restrictions imposed by the outbreak of the pandemic the Awarding Ceremony of the 9th HCA took place online. We seized the opportunity to this event to handle the prize also to Ms **Magali Vaissière**, former Director of ESA Telecommunications and integrated applications, for her instrumental role in the development of the ARTES programme boosting hundreds of satellite based services, and thousands of jobs created.



EURISY PARTNERS

Since its establishment, Eurisy has been growing an extensive network of public and private organisations, of members of academia and of industry. We mobilise this network to pool expertise in various sectors and promote good practice exchanges. Our Partners have been working with us to co-organise information events, case-studies, to access multidisciplinary expertise and find potential partners for activities in many different areas and sectors, and across Europe. Our work enables users-communities to evaluate the suitability of satellite-based innovative services for their needs, from a neutral, non-profit perspective.



Eurisy works in close partnership with international, European and national stakeholders to maximise the reach and the impact of the initiatives executed. In 2022/23 numerous cooperation have been established to carry out our activities. We partnered up with NEREUS to engage regional and local public administrations to advocate for the integration of satellite-based solution for the monitoring and maintenance of critical infrastructures. At local level we have been working with organisations like ICLEI, EUROCITIES, CIVITTA and EURADA. We engaged with European Institutions including several European Commission's directorates, the Parliament as well as the Committee of the Regions to raise awareness on the possibilities offered by satellite data for policy and decision-making. Eurisy collaborated with the Copernicus entrusted entities including SatCen, ECMWF, Mercator Ocean, EEA, EU JRC and EUMETSAT to align strategies and promote European capabilities. Eurisy holds the permanent Observer status within the UN COPUOS and collaborates with UNOOSA on the design of events and specific campaigns. In the framework of the UN, we sit in the GEO Programme Board to contribute to the establishment of a multi-year GEO work Programmes connecting ideas and bringing together individual contributions. Eurisy is a funding member of the EO4GEO Alliance - the reference network to bridge the skills gap between supply and demand of education and training in the European Space Geo-information sector. The Alliance devised a Large Scale Partnership on Space Data, Services and Applications: SPACE4GEO, to develop the skills needed to achieve the goals of the EU space strategy for security and defense.

PROJECTS OVERVIEW

Eurisy, to better fulfil its mission as well as to differentiate its sources of incomes to ensure the sustainability of the accounts, has been successfully joining several consortiums to develop cooperative projects.

The activities performed, the material developed and major outcomes and results are periodically circulated among the members and disseminated through the network.



EuroGEO Showcases: Applications Powered by Europe, e-shape is a flagship H2020 project. It represents an unprecedented initiative that brings together decades of public investment in earth observation and in cloud capabilities into services to the citizens, the industry, the decision-makers and the researchers.

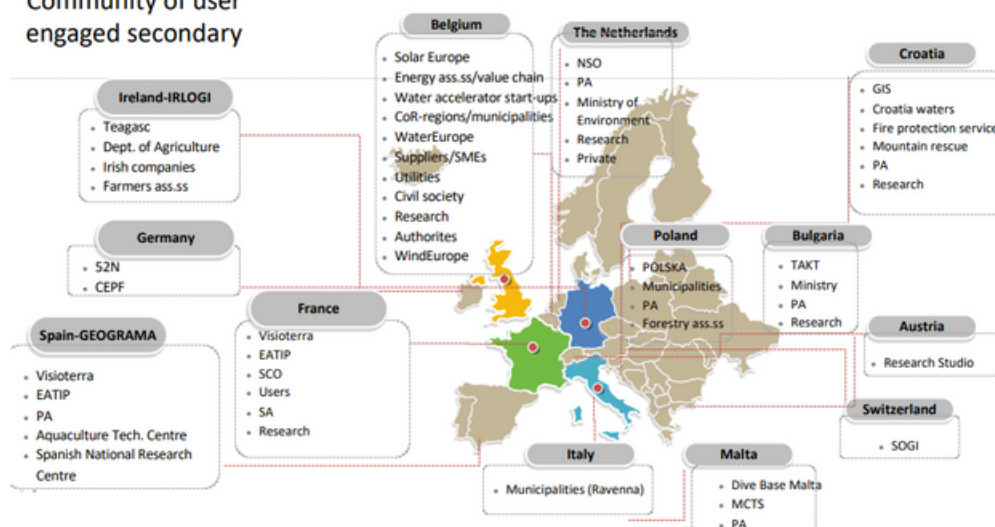
E-shape will promote the development and uptake of 37 cloud-based pilot applications in 7 showcase areas including agriculture, health, energy, ecosystem, water, disasters and climate, addressing UN SDGs, the Paris Agreement and the Sendai Framework.

Eurisy's role has been focused on supporting the implementation of a **user uptake strategy** based on the **neighbouring approach** to foster the uptake of the pilots at thematic and geographic level. Despite the COVID-19 pandemic **26 workshops**, have been co-organised with EARSC. We supported all 37 pilots reaching level L1 interactions (users feedback to finetune the service), 8 level L2 tester of the platform, and 5 level L3 recurrent users.

The two-dimension strategy addressed both the thematic (market diversification) and the geographic (market expansion) reach, moving from the primary community (existing customers), to the secondary community of users, referring to players not yet reached or aware.

e-shape

Community of user engaged secondary



PROJECTS OVERVIEW

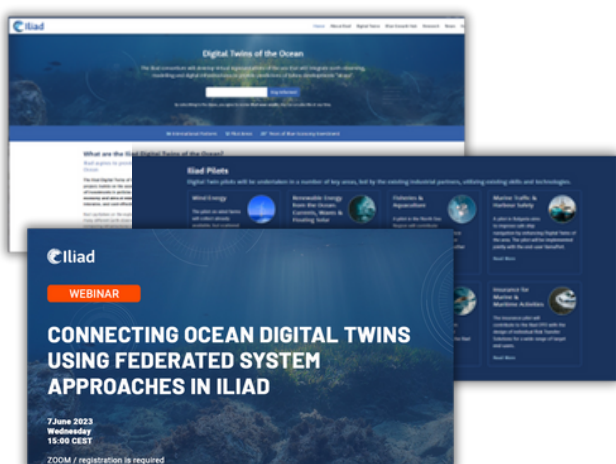
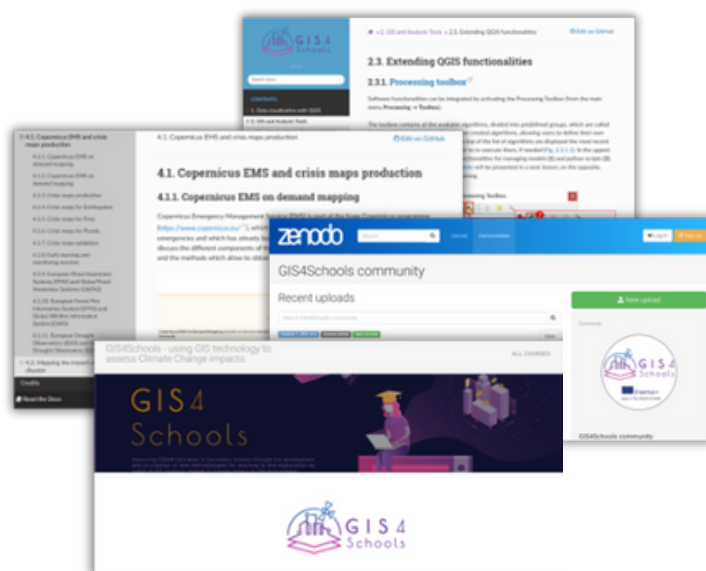


GIS4Schools is an Erasmus+ funded project in the field of School Education aimed at introducing new methodologies based on the use of GIS technologies applied to the impact of climate change on local communities. The main project's objectives is to increase both the STEAM's knowledge of pupils and teachers and the acquisition of new skills. It advocates for the adoption of innovative pedagogical modules on GIS and climate change, not yet systematically included in traditional high schools' curricula. **Eurisy supports the establishment of the GIS4Schools community, which brings together European schools interested in adopting new approaches and innovate curricula.**

The project's outputs - the Training Package, e-learning platform and pupils reports - are available and accessible for free. The Training Package, designed and developed by Politecnico di Milano, aims at providing teachers with an Handbook designed based on the teachers' background and other elements to make it easy to access and use. It combines theory and practice with step-by-step exercises following a learn-by-doing approach.

The E-learning platforms represent the unifying technological tool that keeps all the project outcomes together.

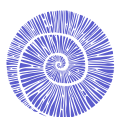
In 2022 all the Students Reports on the challenges related to flooding, plant pests, water quality and temperature.



iliad

The ILIAD Project aims to launch an innovative Digital Twin of the Ocean. The EU funded project integrates and extends existing EU earth observing, modelling digital infrastructures and computing facilities to provide highly accurate predictions of future developments at global seas. As one of the project partners, **Eurisy takes care of different activities related to communication and dissemination, stakeholder engagement, user needs analysis, and policy recommendations development.**

PROJECTS OVERVIEW



THETIDA
PRESERVING UNDERWATER
AND COASTAL HERITAGE

THETIDA- Technologies and methods for improved resilience and sustainable preservation of underwater and coastal cultural heritage to cope with climate change, natural hazards and pollution- is an Horizon Europe funded project.

The project approaches safeguarding and protecting Europe's coastal and underwater culture heritage in a holistic manner, developing a preventive conservation strategy. Eurisy is in charge of dissemination, communication and exploitation of the projects results and will contribute to end-users' needs, requirements and good practices analysis.



GEO ACADEMY

GEO-Academy is an Erasmus+ project, aiming at supporting the introduction of GIS and EO along with Geospatial Storytelling, through tools and materials, specifically tailored to teachers' initial education and professional development, openly available to all across Europe. It will be the yeast of the Geospatial Teachers' Academy acting as hub for upskilling teachers' green, digital and spatial skills to support students' learning of and about sustainable development, environmental monitoring and disaster risk management, science and technology.



COPERNICUS CONNECTION

SHAPING THE FUTURE OF TERRITORIAL MANAGEMENT WITH COPERNICUS DATA

This is a 20 months project funded from Caroline Herschel FPA and overseen by Connect-by-CNES. **The project targets French, German and Swiss local and regional authorities to raise their awareness of the uses of Copernicus satellite data to improve territorial management.** Local administrators will be trained on the use of Copernicus data and will be exposed to existing operational satellite-based services. A spatial indicator for urban planning based on Copernicus satellite data will also be co-designed by cross-border regions.

Women in Copernicus

The "Women in Copernicus" project wants to give a voice and a face to the women who work with Copernicus. The initiative aims to identify opportunities and obstacles in the paths of these women, and also to inspire girls and women by bringing Women in Copernicus to the forefront of Copernicus. Initially funded by CORDINET, the initiative is now supported voluntarily by people and organisations interested in inclusion and quality, including Eurisy. Eurisy is committed to communicate and disseminate activities of the network. Visit the website for more info!



PUBLICATIONS

The year 2022/2023 was a fruitful one for Eurisy as demonstrated by the multiple publications available on the website. The central themes of each of them - success stories, reports, highlights - fully reflect Eurisy engagement on major topics as **climate change, plant health, disaster management, protection of critical infrastructure and many others. They represent the gateway for Eurisy initiatives and those of its members.**

38 HIGHLIGHTS



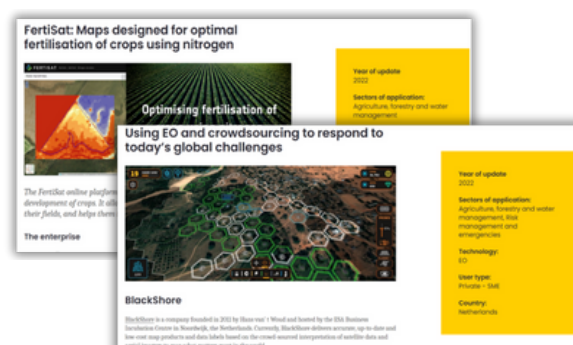
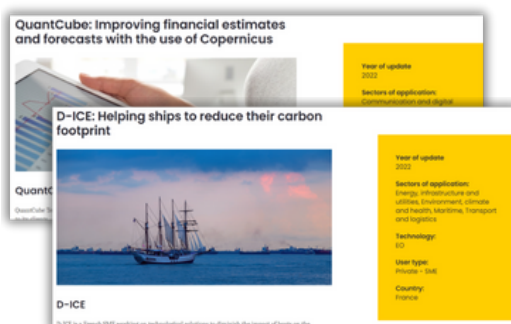
The highlights, policy and position papers are the main showcase of Eurisy and its members' activities. Through the highlights, Eurisy also shares industry and policy updates with its community.

Eurisy strives to promote the use of satellite solutions for the benefit of professional communities through a **unique bottom-up approach**, putting at the centre the end-users, understanding their needs and challenges, providing relevant fora to share experiences and expertise by tapping into its repository of success stories. Over the years this work resulted in **Europe's largest updated database of users' testimonials on operational satellite services**. The database is structured as to filter per technology, theme and country.

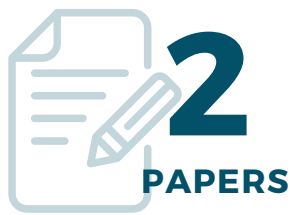


22

SUCCESS STORIES



PUBLICATIONS



Eurisy produced two papers presented during the IAC 2022. They allowed us to showcase and promote our initiatives to a global audience to engage with international stakeholders.



Eurisy publishes reports and analysis based on its work with end-users. This year Eurisy covered topics as maritime, disaster risk management, Copernicus uses and constructions.



The report provides an overview of the outcomes of the national workshop "Satellite-based services for disaster risk management". It includes a showcase of main satellite solutions in the field and the results of the survey launched in conjunction with the workshop targeting users in Greece.



Within the Copernicus & Me initiative, Eurisy interviewed 10 European organisations developing case studies reporting on their experience of use of satellite-based services, with a focus on the challenges faced and the benefits obtained.



In this 7th edition of our Satellites Going Local series, Eurisy continues to highlight the contributions of satellite applications for society, this time diving into the maritime domain. The featured stories cover five sectors of the blue economy - environmental monitoring, food security, and more - from a European and non-European perspective, especially looking at African applications.

EVENTS OVERVIEW

The year 2022/2023 was also a prolific year for the organisation of events and activities. Eurisy supported its members by co-organising or supporting workshops, hackathons and webinars to boost the national and regional ecosystems, especially those of emerging space nations.

45
EVENTS



Eurisy contributed and organised 45 events across Europe and beyond borders, with experts from different fields and stimulating discussions around the importance of integrating satellite data in the daily workflows.

Eurisy managed the organisation of 21 events throughout the year.

Capitalising on the experience of the pandemic, both in presence events and webinars were organised on a variety of topics and aiming to increase its community.

21
EURISY EVENTS

12
WEBINARS



9
IN PERSON
EVENTS



EVENTS OVERVIEW

Eurisy has contributed to European projects as a partner by organising and supporting events and webinars, with the aim of increasing the engagement of end-user communities or promoting to schools and other educational entities the resources developed within the framework of the Erasmus+ project GIS4Schools.



E-SHAPE LABELLED WORKSHOPS

The workshop were focused on **climate, urbanisation, water management and biodiversity, energy and environmental management, and sustainable development**

Eurisy organised **4 national workshops** with the aim of fostering the uptake of the pilots at thematic level and geographic level.



Eurisy organised an online training to discover the e-learning platform, and supported a fully dedicated webinar on opportunities in the GIS and EO fields, and the final GIS4Schools conference.

Eurisy actively promoted the products developed in the frame of the **GIS4Schools project**.



GIS4SCHOOLS EVENT



CASSINI HACKATHONS



To inspire future innovators and support the development of solutions that could have an impact on the European Space Programme, **Eurisy supported the organisation of two Cassini hackathons** by two of its members.

EVENTS OVERVIEW

Starting from Spring 2022, Eurisy inaugurated two new series: **Satellite-based services for Disaster Risk Management** and **Space4Critical Infrastructure**

Natural disasters and extreme weather events occur more frequently and ferociously due to climate change. The use of satellite applications can help monitoring the impact of climate change and related hazards and support decision-makers.



WORKSHOPS ON SPACE4CRITICAL INFRASTRUCTURE

In the last decade we are witnessing threats to key services and infrastructures. EU measures to protect regional assets have been considered outdated. In 2020, the EC presented a proposal for a new EU-Directive to enhance the resilience of critical entities.



WORKSHOPS ON DISASTER RISK MANAGEMENT

Eurisy and EUSPA co-organise a set of national workshops in different EU MS.

The workshops aim to create a common understanding among national and regional stakeholders of what satellite-based service can bring during the different phases of disaster risk management, and to facilitate the use of these services from a national to a European level.

Two workshops have been held and many more to come. **Get in touch with us if you are interested in organising the workshop in your country!**



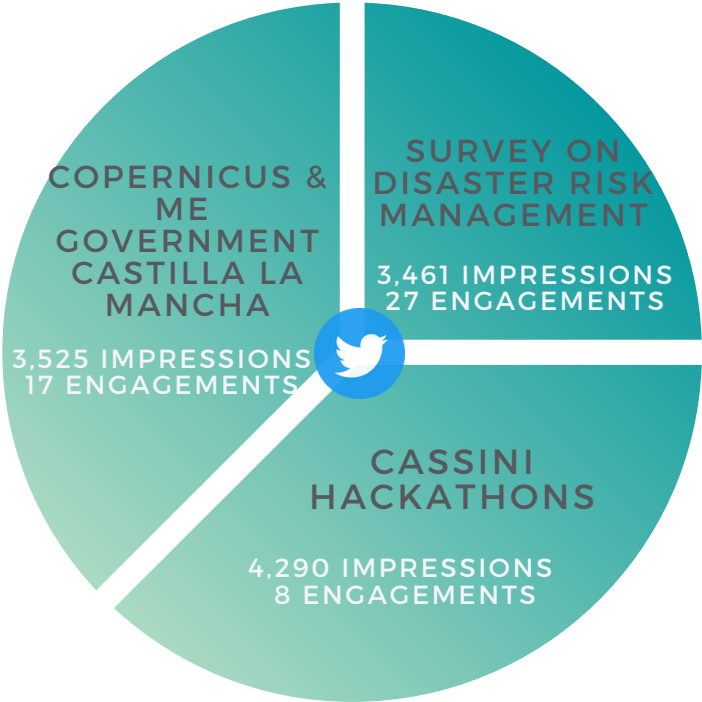
This webinar series is organised with NEREUS to sensitise and discuss with regional stakeholder, research and business community the dimension of space uses to **better monitor and safeguard critical entities in different domains.**

COMMUNICATION AND OUTREACH

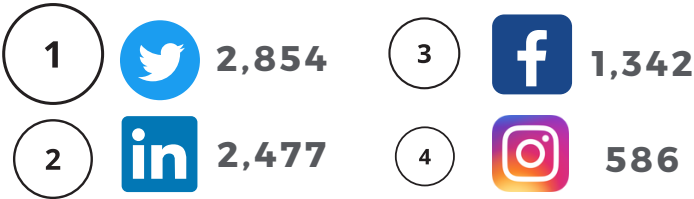
OBJECTIVES OF THE COMMUNICATION AND OUTREACH STRATEGY

- Raising awareness among target audiences about Eurisy's activities and projects
- Providing information and Educating (tailoring messages towards specific audience, dissemination of partners' materials)
- Creating interest (promotion of partners' events on Social Media)
- Stakeholder engagement (Disaster Risk Management workshops, Members' corner webinar)

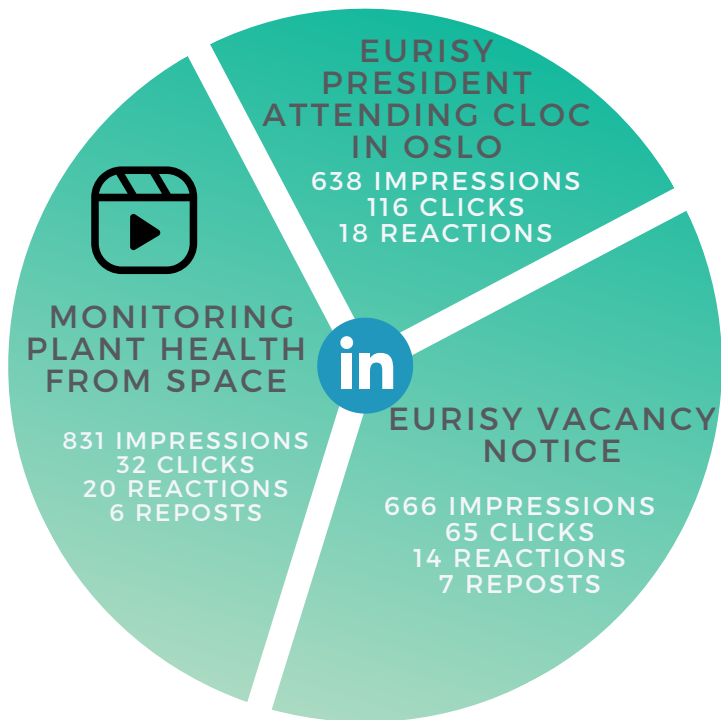
TOP 3 TWEETS IN MARCH-MAY 2023



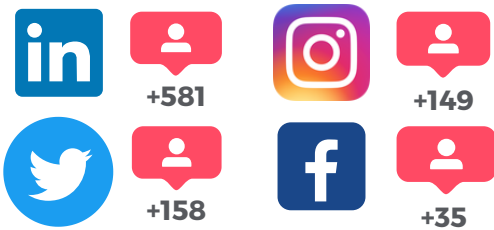
EURISY SOCIAL MEDIA NUMBER OF FOLLOWERS



TRENDING POSTS

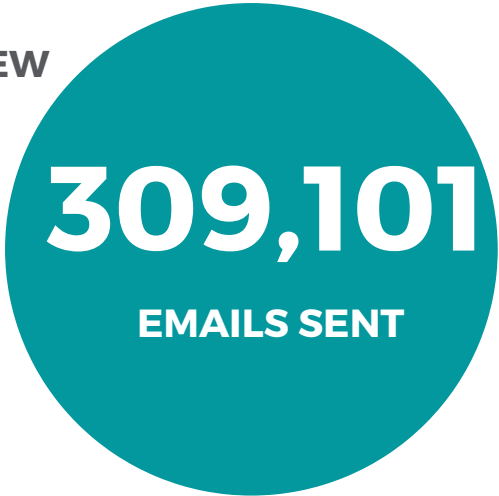


AUDIENCE GROWTH IN 2022-2023



COMMUNICATION AND OUTREACH

MAILCHIMP OVERVIEW



PERFORMANCE
COMPARED TO
PREVIOUS 365
DAYS

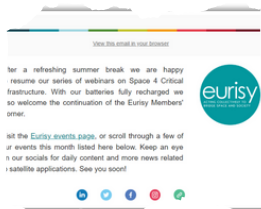


TOP 3 CAMPAIGNS SENT BETWEEN JUNE 2022 - JUNE 2023



PLUNGING INTO THE SUMMER
sent on 20 July 2022

Open rate 23%
👉 10%



EVENTS SEPTEMBER
sent on 8 September 2022

Open rate 21%
👉 1.8% 👉



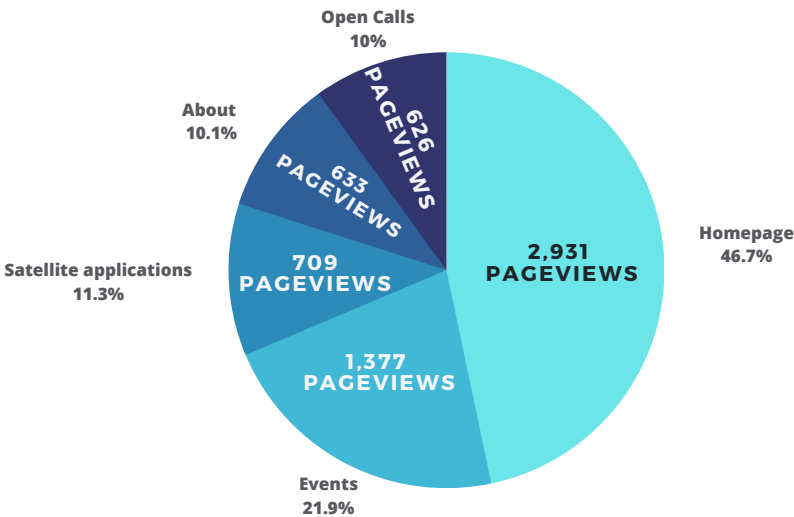
REACHING CRUISING SPEED
sent on 13 October 2022

Open rate 20%
👉 6,5%

COMMUNICATION AND OUTREACH

WEBSITE OVERVIEW

TOP 5 VISITED PAGES JUN 2022- JUN 2023



Country	Users % of Total: 100% (6,677)	New Users % of Total: 100% (6,572)
Netherlands	8,79%	8,73%
Cheque Republic	8,29%	8,44%
Greece	6,68%	6,56%
Italy	6,30%	6,18%
France	5,75%	5,49%
United Kingdom	4,49%	4,59%
Germany	4,24%	4,14%
Belgium	2,69%	2,65%
Spain	2,54%	2,42%
Cyprus	1,82%	1,78%

PEACK PERIOD PAGEVIEWS



Overall, the maximum website traffic over the year is observed during three periods in correspondence with the promotion of Eurisy organised events or information material, or else linked to current events where space acts as protagonist or could bring significant contribution, like in July 2022. Wildfires spread in many Mediterranean regions, especially in Greece, and indeed the highest interest of the audience revolved around the case of Greek Ministry of environment using satellite data to detect fires, or else monitoring water quality with remote sensing on Lake Garda, also in line with seasonal trends. **The highest peak of visitors was registered in February 2023 marking two national workshops related to e-shape project. Also the peak in April-May 2023 is linked to an event, namely the Disaster Risk Management Workshop, held in Cyprus.** In light of the above, it can be concluded that the value of workshops and partnership events in the process of raising awareness about satellite-derived services tailored for the use by national and regional stakeholders is of great value and represent a powerful outreach tool.

GOVERNANCE

Eurisy affairs are overseen by a council elected by its members which guides our policymaking in line with the advice of the Bureau. The Secretariat executes the daily activities regarding the administration of the Association.

SECRETARIAT

The Secretariat is composed of **4 Staff** kindly hosted within the European Space Agency Headquarter's premises in Paris. In the reference period 2 Interns joined the team for a period of 6 months.

The Secretariat's activities include: operations management and governance, membership care, programme management, communications, policy analysis, event planning and tender preparation. Much of the activity is delivered through projects which are often won competitively.

It is thanks to the commitment of all the team that the Association reached unexpected heights.

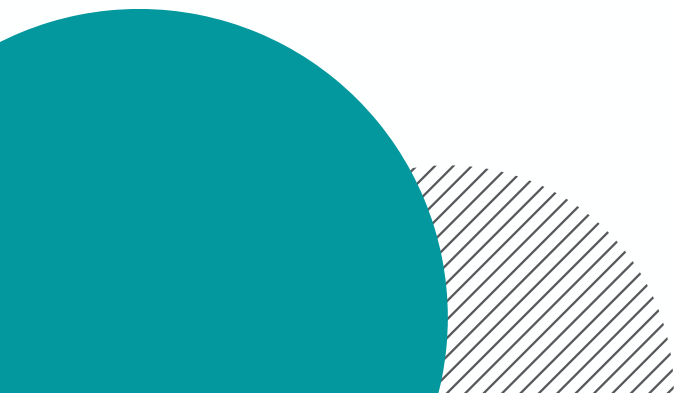
- Annalisa Donati, Secretary General
- M. Grazia Fiore, Head of Programmes
- Alessandra Vernile, Project Officer
- Corneel Bogaer, Project Officer (until november 2022)
- Veronika Fedorchenko, Communication Officer (from May 2023)

COUNCIL & BUREAU

The Council shall oversee the actions executed by the Secretariat and the overall activities of the Association. The Bureau is an advisory body providing general guidance and high-level direction. The Council is ordinarily convened by the President three times per year, and extraordinarily as deemed necessary.



- Dominique Tilmans, President
- Ersilia Vaudo, ESA and Vice-president
- Julien Béclard, BELSPO and Vice-President
- Daniele Galardini, ESA and Treasurer
- Gabriella Arrigo, ASI and Vice-President (only Bureau)
- Cristiana Cirina, ASI
- Christina Giannopapa, EUSPA
- Jean-Claude Benech, CNES
- Joschka Münchenhagen, DLR
- Andreas Geisler, FFG
- Coco Antonissen, NSO
- Iliev Kamen, RST-TTO
- Ayhan Inciri, TUA
- Shuxiu Zhang, UKSA





**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 innovative
satellite information and
services.**

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