

eoSCAN (July 2021)

- Canada's Green Satellite Startup GHGSat More than Doubles its Fundraising Total.
- Cheron, Shell Back GHGSat Research Project to Measure Methane Emissions
- European Commission agrees to reduced space budget
- [e-GEOS and ISI partner to create SAR-Elettro Optical satellite constellation](#)
- GHGSat Closes Their Series B Funding + Gains \$45 Million.
- John Deere Exec Examines LEO Possibilities in Agriculture
- ImageSat International, e-GEOS Combine Assets to Launch New EO Constellation
- Orbit Logic's SpyMeSat App Now Includes TeLEOS-1 Imagery
- Planet is going public via a Special Purpose Acquisition Company ("SPAC"). press release. Planet Joins Space SPACs, Plans To Go Public in \$2.8 B Deal
- [Radiant Earth foundation partners with Microsoft AI for Earth to accelerate sustainability solutions](#)
- Space Alpha Awarded \$1.7 Million Contract from the Canadian Space Agency to Develop SAR Technology for Space Exploration. Alpha Insights Enters Contract in Excess of US\$4 Million Learn more
- Start-up Spiral Blue hopes computers in space could revolutionize access to Earth-observation data
- Radiant Earth Foundation Partners with Microsoft AI for Earth to Accelerate Sustainability Solutions at Local and Global Levels
- UP42 Teams with GIZ GmbH to Support Agricultural Start-Ups in Africa. UP42 teams with HEAD Aerospace to bring diverse image data to geospatial marketplace
- 10 Hottest Satellite Companies in 2021
- Downstream data services boost ground segment market
- Global Satellite Remote Sensing Market Size, Status and Forecast 2021-2027
- Group on Earth Observations releases first Indigenous Alliance 2020 report
- Earth Observation Satellite Market Is Booming Worldwide
- Interferometric Synthetic Aperture Radar(InSAR) Market 2021-2026 Innovation
- High Altitude Platform Market 2021
- Remote Sensing Hyperspectral Imaging Market
- Remote Sensing Satellite Market Global Status and Forecast Analysis 2021-2025
- Remote Sensing Services Market Impressive Gains including key players Antrix Corporation (India)
- Satellite Based Earth Observation Market Global Analysis
- Space in Africa 2021 African Space Industry Report
- Kongsberg Blooms Thanks to ROSE Contract
- [NASA expands access to Planet Data to all US Federal Civilian agencies](#)
- National Reconnaissance Office Renews Contract with Planet Federal
- Spire Signs \$6M Contract Extension With NASA . Spire Awarded Contract for Earth Observation Data

- Canadian Space Tech Companies Partner to Deliver Next-Generation Earth Observation Data
- China and Europe pulling ahead of U.S. in commercial satellite imaging
- [China launches new remote-sensing satellite group](#)
- China Moves Another Imaging Satellite To Orbit
- CSIRO's Australian Satellite Opens
- Copernicus Marine Service is essential for tracking changes in the ocean environment. It provides accurate and global marine data which helps to measure ocean trends and understand the risk suffered by the climate change or anthropogenic pressure.
- Copernicus Emergency Management Service forecasts, warns, and monitors devastating floods in Germany, Netherlands, Belgium and Switzerland. check out the the latest news, and the updated maps.
- DE Africa is Making Sentinel-1 Analysis Ready Data Available for Africa
- Galileo, EGNOS and Copernicus are a key asset of the EU in the fight against climate change. Discover more here.
- European Commission agrees to reduced space budget
- EUMETSAT at the centre of a global network sharing weather and climate data
- EUMETSAT Becomes The Largest Operator Of Sentinel Missions
- EU launches its €13bn integrated space programme
- EU Space is making Europe fit for the Digital Age with the European Connectivity Initiative
- EU satellites are aiding the use of green power
- EU experts highlight practical features of European Earth Observation Programme
- EUSPA Administrative Board (AB) team completed.
- ESA and NASA partner in Earth science to respond to climate change
- ESA adds Iceye data to Third Party Mission portfolio
- Esri Commends European Union's Open Data Directive
- Lisbon Manifesto on EO for Africa and Europe; Excerpts
- unlocking the full potential of EO in Africa through EU Space synergies
- [Indian states embrace GIS tools for infrastructure development](#). Indian start-up Pixxel targets satellite launch in October
- GISAT-1: India's earth observation satellite likely to be launched in August
- Mercator Ocean will continue to implement and develop the Copernicus Marine Service for another 7 years. link
- [NASA, ESA enter into partnership to address climate change](#)
- NASA & ESA partnership sounds "all-hands-on-deck" climate change alarm
- NASA: The Space Agency's Surprising Role in Agriculture
- Pandemic helps ISRO pursue privatisation plans
- Portugal handed over the space baton to Slovenia.
- [Space in Africa Data Portal](#)
- With a budget of €14.88 billion the new EU Space Programme has now become a reality marking a new era for Europe in space. The signature of the Financial Framework Partnership Agreement (FFPA) last week in Brussels anchors the European Union leadership in Space, and defines the roles and the cooperation between EUSPA, the European Commission and ESA.
- Lately, the EU Space Programme has gone through a paradigm shift. For a quick overview, check out the European Council "Why an EU space policy?", and its infographic.
- A First for Fugro as SpaceStar Satellite Positioning Service Heads Into Space
- Amazon Acquires Part of Facebook's Connectivity Team
- Analyzing Short to Long-Term Trends in Satellite Capacity
- Artificial intelligence for disaster management: that's how we stand
- Data centre sustainability: leading from the front
- Esri Enters Memorandum of Understanding with Ibn Zohr University
- Geospatial Solutions Market Size By Top Key Vendors
- [How Artificial Intelligence and Location Intelligence are changing lives](#)
- Mu Space Opens Satellite Factory in Thailand
- NorthStar developing prototype Earth observation system for marine and coastal tracking
- One ton of European satellites launched into space
- Parsons Parlays AFRL + SDA Interest Into Contract Commitments
- Pixxel Establishes Their First Smallsat Launch For September
- QinetiQ to supply satellite platform for ESA programme
- Satellogic Launches 4 Additional Satellites on SpaceX Falcon 9 Rocket
- SPACEBEL Contributing Extensively to an International Planetary Defence Mission
- [Swift Navigation and KDDI announce partnership to build on precise positioning](#)
- [5 tech trends that are driving the new age software development efforts](#)

- A Satellite Assembly Line Case Study
- A New Era in Actionable Earth Intelligence
- Award-winning AI solution provides first automatic detection system for unregulated mining
- BlackSky Grows Global Reseller Program with Addition of Ursa Space
- Copernicus system activated to map burned area on Kefalonia
- Copernicus Marine Service supports the implementation of the Marine Strategy Framework Directive (MSFD)
- Copernicus users videos
- Copernicus & Remote Sensing: learning opportunities for young students
- CGG Sells its GeoSoftware Business to Topicus.com
- Copernicus Emergency Management Service supports the management of natural disasters, man-made emergency situations, and humanitarian crises by providing timely and accurate geo-spatial information derived from satellite remote sensing. It was recently activated to map burned area on Kefalonia and to track the massive floods in Europe.
- Climate Action, Silicon Valley & the Road to COP26 Panel
- Disaster management and remote sensing
- EARTO Input on the Implementation of European Partnerships:EARTO paper
- Earth Observation imagery from Copernicus combined with EGNOS and Galileo data enable smart and sustainable farming. Watch this short video to understand how farmers benefit from using EU satellite technologies.
- Earth is trapping twice as much heat as it did in 2005
- [Esri releases new 2020 global land cover map. esri joins with Infutor to improve Geocoding Services](#)
- esri video titled "GIS – Creating a Sustainable Future"
- ESA Impact 2021: An interactive showcase highlighting ESA's activities
- ERS-1 launch: The Birth of European Earth Observation
- Experts Discuss Greening Aid for Trade to Reach Sustainable Development
- Earth Observation can help us fight deforestation
- GLAM: Keeping Track of Food Production From Space
- Geospatial World Magazine
- Growing market for EO satellites
- Kermap's new Nimbo solution opens satellite data for all
- Fostering synergies between uses of Copernicus and Galileo can strongly benefit the EU space ecosystem. Solutions that combine data from both programmes can power green and digital transitions in many market segments, such as agriculture, urban planning, transport or environmental management and monitoring.
- Grassland habitats in Europe are facing an overall decline in terms of extent and biodiversity. The Copernicus Land Monitoring Service helps to protect these species-rich habitats. Want to know how? Read it here.
- Four mission ideas to compete for Earth Explorer 11
- How will AI change the space industry
- IGAD launches Hazards Watch for East Africa
- Informing decisions: why imagery quality matters
- [Increasing role and relevance of geospatial technologies in defense and security](#)
- InSAR Market SWOT Analysis 2021-2026
- LANDSAT Celebrates 49th Birthday
- Machine Learning Offers New Opportunities for Geospatial Applications. Machine and Deep Learning for Earth Observation Data Analysis
- Major Ocean-Observing Satellite Starts. Read more...
- ML Model Doubles Accuracy of Global Landslide 'Nowcasts'
- NorthStar is working on a prototype Earth observation technology for tracking marine and coastal
- OneAtlas Data Publisher Tool
- OGC considering CoverageJSON as community standard; seeks public comment
- OHB and ESA -lab cooperate to boost Earth Observation
- Pomerium: satellites, drones and 5G to protect the historic center of Rome
- Satellite reveals six gigatons of carbon emitted from land
- Satellite Data's Role in the Fight Against Climate Change
- Satellites over Europe track massive floods in Germany and Belgium
- Sentinel 6 satellite is now tracking Earth's rising sea levels with unprecedented accuracy
- Spire Lands Smallsat Data Delivery Contract Extension From NASA
- Southern Turkey Fires 2021. [Download images here](#)
- SULITEST SDG14 LAUNCH. [Sulitest](#)
- Studying climate change from space
- Synergies between Earth Observation and navigation are key in the preparedness, response, recovery, and mitigation of natural disasters. Space data from Copernicus, EGNOS and Galileo enable development of new services and applications that can act as a protective shield to the ecosystems of our planet.
- Solving our earthly problems with images from space
- Tracing the key achievements of the Copernicus Marine Service
- Update to regional plan to examine coastal issues
- [Valuable data is flowing rapidly from Earth observing satellites back to the planet, thanks to the most sophisticated laser communication network ever built](#)
- [very high resolution \(VHR\) optical and Synthetic Aperture Radar \(SAR\)](#)
- WGIC report on Geospatial AI/ML applications and policies
- [Witnessing the Second Digital Transformation](#)
- What is the contribution of EU Space to the EU Green Deal? Galileo, EGNOS and Copernicus are a decisive resource of the European Union in the fight against climate change. Take a look at our recently launched #EUSpace 4 our planet campaign!
- What's new in the latest GloFAS 3.1 release?
- WHAT are EARTH OBSERVATION SATELLITES? What Can Today's Satellites Do? Understanding New Services & Capabilities
- WorldView Legion: A New Era in Actionable Earth Intelligence
- Would you like to know how a space-based platform could prevent marine pollution incidents?Download the draft agenda ([link](#))
- [3D Reconstruction of Vancouver City for Disaster Management](#)
- [2nd digital transformation](#)

- AI4Space, Euroconsult 21-22/06/2022
- AfriGEO and Esri invite you to a webinar on the Africa Geoportal and an EO for Health. Please confirm your attendance via Registration
- A road to being a New Space female Entrepreneur
- Bolsas de Investigação para Doutoramento em Observação da Terra
- CEOS Jupyter Notebooks for Capacity Development Webinar
- [Creating a more sustainable future for our planet](#)
- EIC opportunities for space SMEs workshop?
- EU-Japan: Survey on Trade in Digital Goods and Services
- EU cluster support platforms. [here](#) to participate in the survey.
- EUROPEAN ASSISTANCE FOR INNOVATION PROCUREMENT opens its 2nd call for applications! Apply now!
- #EUSpace 4 our Planet campaign? It will address the three thematic areas of the EU Green Deal where space is a true enabler: "Building a sustainable future", "Safeguarding our ecosystems", "Green and digital transformation".
- Effectively Use Geospatial Data in the Disaster Management Cycle
- Esri User Conference 2021 Virtual
- ESA's Space App Camp 2021
- ESA -week 2021
- ESA Direct Negotiation (Call for Proposals)
- Earth Observations for citizens and the planet; 29 June. [link](#).
- First calls under Horizon Europe to be launched by the ERC
- Joint Urban Remote Sensing Event (JURSE)
- InSAR Webinar
- OGC: The New Space Workshop The Earth, The Universe, and The Future
- On June 29 the "Digital, Industry and Space" cluster will provide first-hand information on EU Space related calls. Find out more [here](#).
- Open call for proposals (FUTURE EO-1 programme). [Read more](#)
- Real Solutions To Real Problems – Connecting Earth Observation To The Protection Of Biodiversity. High level panel and recording [here](#).
- RACE Dashboard Challenges 2021. [Read more](#)
- Space for Smart and Circular Cities. [Read more](#). [Read more](#)
- Space-based Innovation and Digitalisation for the School of Tomorrow
- Space-Based Services Applications Addressing COVID-19 Outbreak
- Space-based Innovation and Digitalisation for the School of Tomorrow
- Space4Rail
- Social and Environmentally-Friendly Mobility
- UN-SPIDER Virtual Regional Expert Meeting for Southern Africa, 13 to 15 July 2021. <https://forms.office.com/r/4wYzzJv1MF>
- UN WORLD DATA FORUM 2021 | BERN, SWITZERLAND | 3 to 6 OCTOBER 2021
- VC funding for early stage deep tech startup
- 4TH RCMRD INTERNATIONAL CONFERENCE (RIC 2021), 17-19th August. ric2021.rcmrd.org.
- 14th European Space Conference - Save the Date 25-26 Jan 2022

Externo

New and open funding opportunities (information extracted from EUROGI)

- Scientific Support to Data Analysis and Coordination Activities of the European Surveillance of Antimicrobial Consumption Network (ESAC-Net) (Deadline 07/07). [\[Read here\]](#)
- European Parliament Pilot Project — European Green Digital Coalition (Deadline 13/07). [\[Read here\]](#)
- Exploring the Use of Artificial Intelligence (AI) for Extracting and Integrating Data obtained through New Approach Methodologies (NAMs) for Chemical Risk Assessment (Deadline 05/08). [\[Read here\]](#)
- Medical Technology and Devices: from Lab to Patient. (Deadline 22/09). [\[Read here\]](#)
- The EIC Transition calls worth €100 million are open (Deadline 22/09). [\[Read here\]](#)
- EIC Pathfinder – Awareness inside (Deadline 27/10). [\[Read here\]](#)
- (NEW) Call for tenders open: Two Santiago de Compostela pre-commercial procurements on city mobility (Deadline 22/07). [\[Read here\]](#)
- (NEW) Developing Artificial Intelligence (AI) for diagnosis and treatment of paediatric cancer (Deadline 03/08). [\[Read here\]](#)
- (NEW) Clinical validation of artificial intelligence (AI) solutions for treatment and care (Deadline 21/09). [\[Read here\]](#)
- (NEW) Exploring the Use of Artificial Intelligence (AI) for Extracting and Integrating Data obtained through New Approach Methodologies (NAMs) for Chemical Risk Assessment (Deadline 07/09). [\[Read here\]](#)
- (NEW) Data economy in the field of agriculture – effects of data sharing and big data (Deadline 06/10). [\[Read here\]](#)
- Call for tenders open: Two Santiago de Compostela pre-commercial procurements on city mobility (Deadline 22/07). [\[Read here\]](#)
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- EIC Pathfinder – Awareness inside (Deadline 27/10). [\[Read here\]](#)
- (NEW) Study on the Impact of Recent Developments in Adtech and their Impact on Privacy, the Publishers and Advertisers (Deadline 06/09). [\[Read here\]](#)
- (NEW) Automation in the Automotive and Garment Sectors (Deadline 13/09). [\[Read here\]](#)
- (NEW) New Funding Opportunities for Digital Skills Projects (First deadline 07/09). [\[Read here\]](#)

Policy initiatives, announcements and briefings (all NEW)

- Eurobarometer: Europeans' use and views of electronic communications in the EU. [\[Read here\]](#)
- Horizon Europe funding for PCP and PPI. [\[Read here\]](#)

- 2030 Digital Compass: Your Digital Decade [Read here]
- EC concludes first negotiation rounds on Horizon Europe association with Western Balkans, Turkey and Armenia. [Read here]
- European Research and Innovation Days 2021: we need EU research and innovation to ensure a sustainable Europe. [Read here]
- Defence Industry: the Commission kick-starts the European Defence Fund with €1.2 billion and awards 26 new industrial cooperation projects for more than €158 million. [Read here]
- Adoption of the Council Regulation to establish the new EuroHPC JU. [Read here]
- Call for applications for the selection of members: the Strategic Advisory Board for the Destination Earth Initiative - deadline 2 August 2021. [Read here]
- EOSC Future Call for Evaluators. [Read here]
- Defence Industry: the Commission kick-starts the European Defence Fund with €1.2 billion and awards 26 new industrial cooperation projects for more than €158 million [Read here]
- Digital Opportunity Traineeships: the initiative scales-up after a successful pilot [Read here]

Open Public consultations:

- Sharing geospatial data on the environment – evaluation (INSPIRE Directive), deadline 12/07. [Participate here]
- Digital health data and services – the European health data space, deadline 26/07. [Participate here]
- Artificial intelligence – ethical and legal requirements, deadline 06/08 [Participate here]
- EU digital ID scheme for online transactions across Europe, deadline 31/08 [Participate here]
- Declaration of Digital Principles – the 'European way' for the digital society, deadline 2/09 [Participate here]
- Data Act & amended rules on the legal protection of databases, deadline 03/09 [Participate here]
- Protecting people working through platforms: Commission launches second-stage consultation of social partners, deadline 15/09 [Participate here]
- (NEW) Civil liability – adapting liability rules to the digital age and artificial intelligence. [Participate here]
- (NEW) Consultation and discussion forum on the EU's 2030 Digital Decade vision. (Deadline 03/08). [Participate here]
- Digital health data and services – the European health data space, deadline 26/07. [Participate here]
- Civil liability – adapting liability rules to the digital age and artificial intelligence, deadline 28/07. [Participate here]
- Consultation and discussion forum on the EU's 2030 Digital Decade vision, deadline 03/08. [Participate here]
- Artificial intelligence – ethical and legal requirements, deadline 06/08 [Participate here]
- EU digital ID scheme for online transactions across Europe, deadline 31/08 [Participate here]
- Declaration of Digital Principles – the 'European way' for the digital society, deadline 2/09 [Participate here]
- Data Act & amended rules on the legal protection of databases, deadline 03/09 [Participate here]
- Protecting people working through platforms: Commission launches second-stage consultation of social partners, deadline 15/09 [Participate here]
- (NEW) Energy statistics - updates for annual, monthly and short-term monthly data, deadline 04/08 [Participate here]
- (NEW) Standardisation strategy, deadline 09/08. [Participate here]

Newspaper articles/publications/reports (all NEW):

- Slovenia's Janez Jansa takes over EU presidency. [Read here]
- New results from the Community Innovation Survey. [Read here]
- Bloomberg Innovation Index 2021. [Read here]
- Artificial intelligence in EU enterprises. [Read here]
- 2021 AI Index Report. [Read here]
- EU digital agenda to foster trust in digital technologies, Vestager says. [Read here]
- EDPS - EDPB Joint Opinion on the proposal for a Regulation of the European Parliament and of the Council laying down harmonised rules on artificial intelligence (Artificial Intelligence Act). [Read here]
- Report: Europe may lose €2 trillion in 10 years if uncertainty over data transfers continues. [Read here]
- State of implementation of the OECD AI Principles [Read here]
- Digital, greener and more resilient: Insights from Cedefop's European skills forecast (2021) [Read here]
- OECD Digital Education Outlook 2021: How digital technologies improve education. [Read here]
- Assess full effects of technology on work before regulating, warns EU tech lawmaker [Read here]
- New European laws must protect children's data. [Read here]
- EDPB adopts Guidelines on Codes of Conduct as a tool for transfers. [Read here]
- The rise and rise of biometric surveillance in the EU. [Read here]
- Artificial Intelligence at EU borders. Overview of applications and key issues. [Read here]
- Commission to invest €14.7 billion from Horizon Europe for a healthier, greener and more digital Europe. [Read here]
- Coronavirus grounded Indian space sector in first half of 2021

