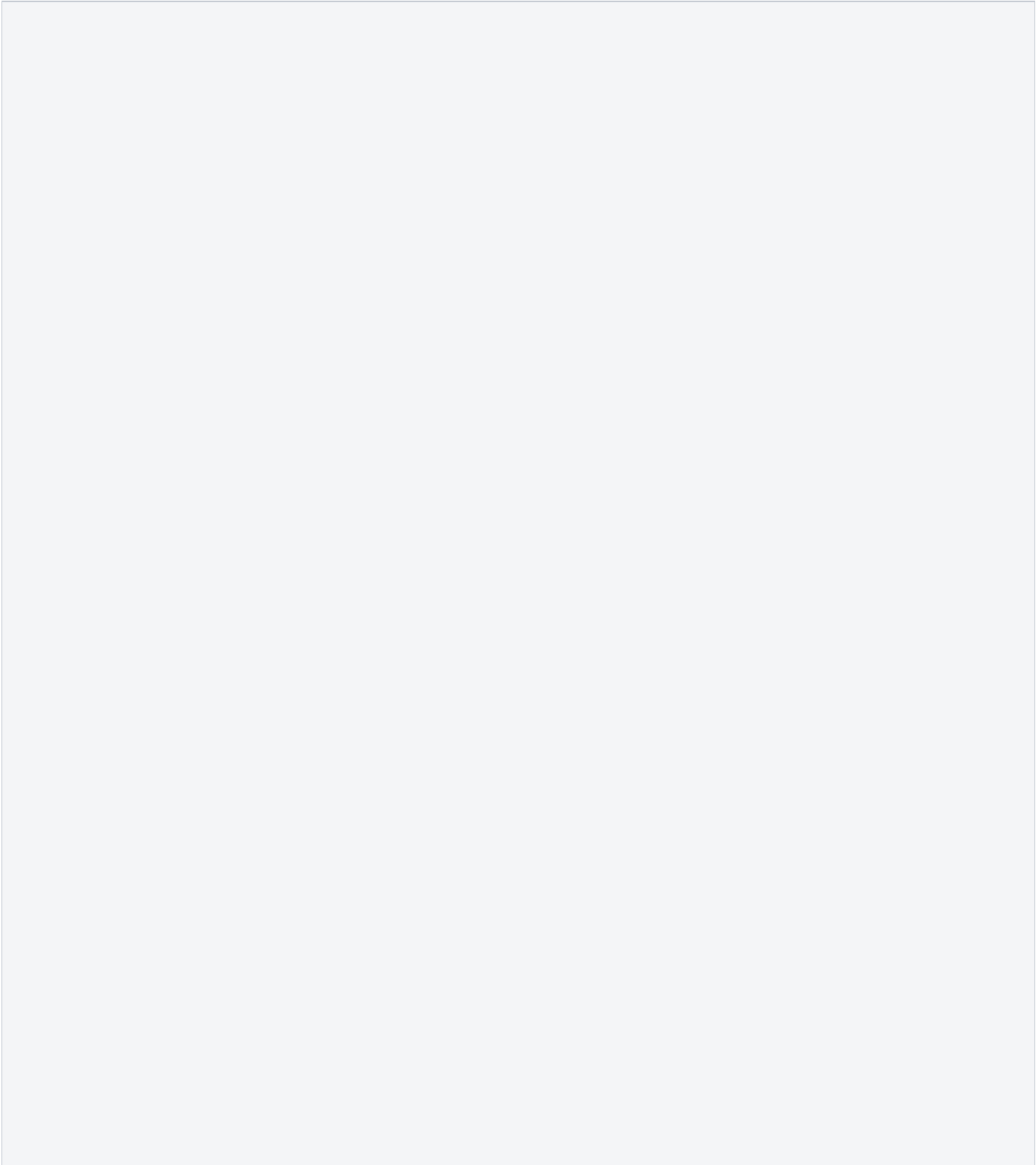


eoSCAN (June 2023)



Corporate News

★ Thanks to contributions from ©TerraWatch Space

- Ball Corporation, which owns Ball Aerospace, which has built several Earth science instruments for NASA/NOAA missions, is [exploring a sale](#) of the business unit for more than \$5B
- BlackSky was [awarded](#) a multi-year contract worth more than \$30M to provide on-demand, real-time high-frequency imagery services to an international defence sector customer
- Capella Space was [awarded](#) a multi-year agreement by NASA, with contracts that could be valued at \$7M per call
- Fleet Space, which is building a constellation of IoT satellites to connect its proprietary tomographic sensors used for mining exploration applications has [raised](#) \$33M in a Series C round
- Global Fishing Watch, a non-profit focused on monitoring global fishing was [awarded](#) a \$60M contract by the Audacious Project for openly mapping and publishing human activity on the oceans
- GRASP Global, which plans to deploy a constellation of satellites for air quality monitoring [launched](#) its platform to provide air quality forecasting;
- Hydrosat is [acquiring](#) IrmWatch, a Dutch early-stage agriculture analytics startup
- IGN [launched](#) a new public-private partnership initiative to integrate solutions from EO startups into ecological mapping projects
- Kleos is [joining hands](#) with defense corporation General Atomics to derive insights from RF data
- Muon Space, a bespoke EO satellite provider, launched its first demonstration satellite and [unveiled](#) plans for its Climate Constellation
- Nuview, which aims to launch a constellation of lidar-equipped satellites has [raised](#) \$15 million including from Leonardo DiCaprio. NUVIEW, which plans to launch a constellation of lidar-equipped satellites [won](#) a contract from the U.S. Department of Defense, worth \$2.75M
- [Orbital Sidekick](#) and [EOS Data Analytics](#), a Ukraine-based EO company that plans to launch a constellation of optical imaging satellites have received the first images from their recently launched initial satellite(s)
- Planet is [partnering](#) with the UAE Space Agency providing access to its data to build a regional loss and damage solution for climate change resilience; Planet also [announced](#) partnerships with AI data analytics providers - synthetic data startup, [Synthetia](#) and South Korean startup [SLAnalytics](#)
- Prométhée [awarded](#) a contract to French satellite player Hemeria, to supply the first satellite of its planned EO constellation, followed by an additional 20 satellites, all equipped with multispectral sensors
- Reask has [raised](#) \$4.9M in seed funding to continue scaling its global risk mapping and forecasting products
- SatelliteVu, which aims to launch an EO satellite constellation to acquire thermal infrared data has [raised](#) \$15.8M in a Series A-2 round
- Sidus Space, which offers space-as-a-service for EO [announced](#) that its satellite equipped with multispectral, hyperspectral and edge compute capabilities in 2024
- Spire [announced](#) that the two satellites which were launched on the SpaceX Transporter-8 mission were equipped with optical inter-satellite link payloads, aimed at reducing data latency and increasing data security; Spire is [collaborating](#) with BlackSky to build a maritime solution to automatically detect, identify and track vessels in real-time, fusing data from their two sensors - radio frequency (RF) and high-res optical imagery
- SkyFi is [joining hands](#) with very high-resolution, stratospheric imagery provider Near Space Labs. SkyFi, which offers an application for the on-demand acquisition of satellite imagery, has [raised](#) \$7M in a seed round
- Tomorrow.io, a weather intelligence company building a constellation of satellites with precipitation radars and microwave sounders [raised](#) \$87M in a Series E round ([more](#), if you want to understand the weather market)
- Whereobots, a startup building a geospatial platform for enterprises [closed](#) a \$5.5M seed round.
- China is using a nationwide satellite and automated monitoring system to protect nature (article [piece](#))
- Copernicus: 25 years of European success
- Copernicus, the EU's flagship EO programme [announced](#) the launch of the Copernicus Health Hub, a one-stop-shop for all Copernicus data, products and information having to do with health
- GHGSat is [partnering](#) with UK's Satellite Applications Catapult to provide UK organisations with access to high-resolution methane emissions satellite data
- ESA and ECMWF [outlined](#) a new approach to better anticipate the outbreak of fires using data from the agency's SMOS mission to create the Fire Occurrence Probability Index
- GMES & Africa Strengthens Synergy with PolicyMakers to Address Climate Change Effects
- Russian space agency, Roskosmos has [launched](#) a radar-observation satellite that will be primarily used by the Russian military
- UK Space Agency Backs Satellite Applications Catapult, GHGSat Partnership for Methane Emissions Data Access
- UK's geospatial strategy 2030 [document](#) outlining the opportunity in geospatial and the plans for unlocking the power of EO
- [World Meteorological Organisation](#) (WMO) announced the launch of 'Global Greenhouse Gas Watch', an initiative that brings under one roof all space-based and surface-based observing systems for emissions, standardising the models and data assimilation methods

The Strategic Roadmap developed under the FIREFORUM project reflects the research and innovation strategy, with the EC and Member State funding agencies in mind as the prime audience. Download the pdf version of the road map for the following sectors

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AGRICULTURE	INFRASTRUCTURE	MARINE & MARITIME	RAW MATERIALS	URBAN DEVELOPMENT	WIND ENERGY

- As greenhouse gas emissions [reached](#) an all-time high, a new study provides an update on the indicators of the state of the climate system and human influence, some of which uses EO data to compare the state of indicators used in IPCC's Sixth Assessment Report (AR6), published in 2021
- [deep-dive](#) that provides an excellent report on the state of forest monitoring and how advancements in EO will help improve it further;
- EU Maritime Security Strategy in this article published by GEOsmart Magazine.
- EO startup Impact Observatory [announced](#) the launch of IO Monitor, a global mapping and monitoring product to classify land use and land cover
- Earth observation SPACs seek best political and financial strategy
- ESA project will [demonstrate](#) how artificial intelligence could use satellite data to help certify organic cotton farms in India to prevent fraud;
- greenhouse gas (GHG) emissions, researchers [found](#) that of the 133 developing countries studied for progress towards providing regular GHG inventories, over half of them still struggle to report GHG emissionsGoogle Earth Engine became a key tool for monitoring deforestation around the world
- Google [announced](#) the global launch of its AI-driven flood forecasting platform, Flood Hub, which uses satellite data along with other sources
- Lightning Imager animations can be found in the [media kit](#) [here](#).
- Iceye [unveiled](#) a new imaging mode that can distinguish human-made and natural objects and highlight moving vehicles, by having the satellite focus on an area for 25-seconds
- [investigative article](#) that shows how satellite data used by the non-profit Global Fishing Watch is used to catch illegal fishing
- The Copernicus Marine Service is organising a two-hour training workshop to help journalists and science communicators better appreciate the importance of Copernicus marine data in storytelling ([piece](#))
- UNOOSA [report](#) on the role of space technologies in the world, which recently exceeded a population of 8 billion
- Vegetated Land Cover Characteristics (VLCC): A New Era of Land Monitoring
- Wildfires: [article](#) that tells you everything that you need to know about understanding wildfires
- WMO [article](#) that shows how the economic costs of weather-related disasters have rapidly grown but early warnings have saved lives;
- Climate risk analytics provider Jupiter Intelligence [announced](#) that Fannie Mae, a mortgage-backed securities firm will be integrating Jupiter's products for climate risk assessment
- MDA receives Canadian Government contract to assist in illegal fishing detection
- Northrop Grumman [won](#) a launch contract from the US Space Force to launch a small weather satellite that will demonstrate commercial weather imaging technologies for military use
- OroraTech and Spire Partner on Satellites to Track and Monitor Wildfires
- Serco was [awarded](#) a contract by ESA for the implementation of Europe's Destination Earth platform, an initiative to create the digital twin of the planet.
- US Defense Advanced Research Projects Agency (DARPA) [awarded](#) contracts to 4 companies - Umbra, PredaSAR, Northrop Grumman and Jacobs to demonstrate formation flying of SAR satellites and algorithms for processing of the imagery collected
- A new report by the United Nations Office for Outer Space Affairs (UNOOSA) and EUSPA highlights the many ways EU Space helps balance sustainable development with a rapidly growing global population.
- European Parliament's science and technology panel publishes annual report
- GeoBuiz 2023: Global Geospatial Industry Market Size, Forecast and Growth Trends Report
- Geospatial Industry Map 2023
- The stocks of Planet [dropped](#) by at least 25% after the company lowered annual revenue guidance from \$248 million and \$268 million to \$225 million to \$235 million for fiscal year 2024
- Unlocking the full potential of Earth Observation in Europe is the theme of EXPANDEO 2023, the annual conference of the European Association of Remote Sensing Companies (EARSC), which is taking place in Brussels 13 – 14 June.
- Intersolar Europe, the world's leading exhibition for the solar industry, is happening 13 – 16 June in Munich. Come learn how the industry is using EU Space to, for example, find the best location for placing solar panels.
- ESA Commercialisation Days event Transportation - 27 November 2023
- How do you innovate in uncertain times? EU Space can help! To learn more, join EUSPA at EBN2023, the largest gathering of European incubators, accelerators, science parks, innovation centres, and innovation supporters of all kinds. That's taking place 14 – 15 June in Brno, Czech Republic.
- Commission puts forward €13.6B research budget for 2024, with €12.8B for Horizon Europe
- EU Global Action from Space: SIGN UP FOR FREE
- Atlantic and Arctic sea basin lighthouse - Climate change and human activities (incl. invasive species) threats to marine biodiversity
- Danube river basin lighthouse – Demonstration of effective and sustainable management of sediments in the Danube river-Black sea system
- European Blue Parks – Protection and restoration solutions for degraded marine habitats
- European natural lakes: demonstration of integrated approaches to protection and restoration of natural lake ecosystems and their biodiversity
- Lighthouse in the Baltic and the North Sea basins – Green and energy-efficient small-scale fishing fleets
- Roadmap towards the integration of inland waters into the Digital Twin Ocea

List of capdev meetings at CEOs

[Materials](#) (openly accessible) from ESA's training course on EO (+ an upcoming SAR [course](#) focusing on Polarimetric SAR Interferometry)

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