

Corporate News

EARSC, the European Association of Remote Sensing companies, is conducting an industry survey to map the state and health of companies providing EO services in Europe. Will you contribute?

- Airbus will also supply satellite imagery from its Pléiades Neo constellation to Nestlé for its reforestation efforts
- Albedo, another US-based EO startup won a \$1.25M grant from the US Space Force - the company is launching a constellation of satellites into very low Earth orbit to collect high-resolution imagery (10 cm) and thermal data
- BlackSky, through its reseller Telespazio, will provide the Spanish region of Aragon with first-ever high-cadence, low-latency satellite imagery services
- LiveEO received an €800K grant from ESA to develop monitoring services for the forestry sector and insurers based on satellite data and AI
- CropX, an Israeli agtech startup that offers a farm monitoring solution based on data from in-situ sources and satellites raised \$30M in Series C funding
- Hydrosat, a US-based EO startup raised \$20M in private investment and government grants to acquire daily thermal infrared data for plant water stress monitoring among other applications
- Iceeye has announced the Beta release of its Wildfire Insights product aimed at the insurance sector
- Maxar expects the first two of its Legion satellites to launch this summer providing high-resolution imagery (30 cm), and plans to add two more to the planned six-satellite constellation
- Maxar Goes Private After Advent International Deal Goes Through
- Nuview, a US-based startup that aims to launch LiDAR-equipped satellites came out of stealth mode, while also announcing that it closed its first round of funding last year and that it has also won a government contract
- Norwegian ground segment services firm KSAT was selected by the European Maritime Safety Agency to provide SAR monitoring services
- Planet and UAE Space Agency Forge Climate Change Partnership
- Planet Italia, an EO services company won two contracts worth €42M from ESA for the development of downstream services derived from data acquired through the future Italian satellite constellation IRIDE
- Planet and AXA Climate Extend Strategic Partnership to Drive Drought Insurance Program
- Satellite Vu closes Series A2 round + raises further million\$
- SAR satellite company Iceeye signed an agreement with insurance solution firm Global Parametrics to provide flood data for parametric insurance
- SAR satellite firm Capella Space will supply imagery to LiveEO, a German EO startup for integrating into its disaster response solutions
- Satlantis has bought a majority stake in SuperSharp, a UK-based startup developing foldable thermal infrared telescopes
- Synspective, is partnering with Thailand's satellite operator Thaicom to provide real-time data for disaster management efforts
- SkyWatch won a \$1.1M contract from the Canadian Space Agency to advance the application of AI for EO mission planning and data management and distribution
- Spire launched a weather insights platform specifically aimed at the maritime industry, powered by data from radio occultation satellites
- The shareholders of Maxar Technologies have approved the acquisition by private equity firm Advent International, for \$6.4B

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- After reporting the loss of its only EO satellite, Azerbaijan selected Israel Aerospace Industries to build two EO satellites
- Canadian Space Agency Awards Spire and OroraTech Wildfire Detection Contract
- China launched an advanced EO satellite, called Fengyun 3G, with precipitation radar among other instruments
- China has operationalised a satellite data-derived platform to monitor ecological zones, which include over 30 percent of the country's land area
- European Parliament has approved a new regulation that would ban goods linked to deforestation
- Eumetsat and ESA released the first images from the Meteosat Third Generation Imager 1 (or Meteosat-12) which should improve short-term weather forecasting thanks to its improved resolution and new sensors
- ISRO launched an EO satellite equipped with a SAR instrument, called TeLEOS-2 for Singapore
- Italy, through ESA, has ordered 34 EO satellites with optical, SAR and hyperspectral sensors as part of its IRIDE constellation, from a number of local companies, worth €1.1B
- Leonardo DRS launched a thermal imaging radiometer with Loft Orbital to measure the Earth's surface temperature from space
- UK Geospatial Commission has launched its commercial EO pilot project, together with Airbus Defence and Space, to provide access and test the use of EO data for up to 35 public sector organisations
- UK will launch a new SAR satellite called CarbSAR which will demonstrate Oxford Space Systems' deployable antenna

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

- Accenture is collaborating with climate intelligence provider Cervest to provide climate risk information to its clients spanning across industries
- ESA launched WorldCereal, the world's first dynamic and open-source system to provide seasonally updated cropland and crop-type maps at 10-meter spatial resolution at a global scale
- Canadian Space Agency awarded a contract to EO startup OroraTech specialising in thermal infrared and Spire Global with its space-as-a-service offering to perform preparatory work for a wildfire-monitoring satellite
- Climate Engine launched SpatiaFi, a platform to provide private and public sector organizations insights into climate risks on Google Cloud
- CGI is working with UK's Ordnance Survey to develop a develop water pollution predictive tool using satellite data and AI
- Data from the EU's Copernicus programme shows that the ongoing wildfires in Alberta, Canada and in Siberia, Russia are worsening air quality and increasing carbon dioxide emissions.
- Deriving yearly global above ground biomass maps by combining data from JAXA's L-band SAR ALOS mission and ESA's C-band Sentinel-1 mission;
- How Apple Started Working with Satellite to Save Lives
- How Satellite Prevented a War for Water
- How satellites help wineries pick new climate-friendly sites
- ICEYE intros 1st-in-market satellite radar dwell capability
- LiveEO announced the launch of a solution to verify compliance of a supply chain with the EU's Deforestation Regulation (for selected commodities); methodology behind the first map of all trees in Africa created using data from Planet's EO satellites (paper)
- Microsoft's Planetary Computer integrated a new dataset on biodiversity called Biodiversity Intactness, derived by EO analytics firms Impact Observatory and Vizzuality
- NASA launched a new project called OPERA (Observational Products for End-Users from Remote Sensing Analysis) to provide data from multiple satellites for use by government agencies
- NASA partnered with the US Forest Service to build an inventory of the country's oldest trees, with ground data complemented by the GEDI mission
- NOAA is also setting up plans for the next generation of polar weather satellites following the successful Joint Polar Satellite System, called NEON
- open data by Jed Sundwall (blog)
- Observatory on "roof of the world" takes Earth's temperature
- Rocket Lab launched the first two of four satellites of NASA's TROPICS mission, which aim to provide hourly data on storms forming in the tropics
- Sticking to methane, the EU could push for a law that would require oil and gas companies in Europe to check their above-ground infrastructure every two-to-four months, and fix methane leaks they discover
- The EU-funded Copernicus Philippines Programme was launched to support the country with natural disaster monitoring and climate change adaptation
- The New Yorker published this interactive piece on the state of methane monitoring and the role of satellites such as MethaneSat
- Using data from French EO startup Kayros, the Guardian reported that the methane emissions from the two main fossil fuel fields of Turkmenistan contributed more to global warming in 2022 than the entire carbon emissions of the UK
- Visualising Copernicus Earth observation data
- Weather intelligence firm Tomorrow.io announced the launch of a new solution that provides global precipitation forecast with a better (48-61%) accuracy for precipitation intensity compared to publicly-available products ;
- Apple announced an expansion of Restore Fund, its nature-based carbon removal initiative, the impact of which will be measured and monitored by EO - from providers such as Space Intelligence, Upstream Tech and Maxar
- EO platform startup Astraea launched satellite tasking capabilities allowing tasking of satellite imagery from providers like Planet
- EO platform startup SkyWatch is partnering with Urban Sky, a stratospheric balloon imaging startup to distribute their imagery through SkyWatch's data management and distribution platform, TerraStream
- A satellite from Terran Orbital Corporation, a US-based small satellite manufacturer, has enabled the demonstration of a space-to-ground optical link that successfully transmitted 200 gigabits per second
- Small Satellite Market to Worth USD 12.02 Billion by 2029
- Space-as-a-service firm Sidus Space signed a partnership agreement with Indian edge-computing startup SkyServe
- Spire Global reported \$24.2M in revenues for the same period, a 34% YoY increase with contracts across its aviation, maritime and data business

- Airbus won a one year long pilot contract from the UK Geospatial Commission to provide public sector from 35 organisations with access to commercial, high resolution satellite EO data
 - AXA Climate extended its strategic partnership with Planet specifically for the use of one of its Planetary Variables - Soil Water Content
 - BlackSky reported \$18.4M in revenues for Q1 2023, a 32% year-over-year (YoY) increase with contracts from government defense agencies
 - BlackSky and Spire Collaborate to Offer Maritime Custody Service
 - In its financial results for 2022, Satellogic reported that it made \$6M in revenue and targets \$30M to \$50M for 2023
 - L3Harris won a contract from NOAA valued at \$275.2M to continue providing ground services for the GOES-R series of weather satellites
 - Planet Labs Stock: Well-Positioned In A Growing Market (NYSE:PL)
 - SSC awarded 2.26M€ contract by ESA for second phase of the optical ground network initiative NODES (<https://sscspace.com/>)
 - SITAEI, an Italian small satellite manufacturer signed a contract with ESA to build four EO satellites with hyperspectral sensors as part of Italy's IRIDE EO satellite constellation
 - 3D geospatial platform, Cesium signed a research agreement with the US National Geospatial-Intelligence Agency to explore the use of 3D data
- Size of the Prize: Assessing the Market for Edge Computing in Space
- National Workshop on "Earth Observations for Climate Services" - ISRO
- Amazon Web Services selected 14 startups for the 2023 AWS Space Accelerator including 4 EO startups
 - GRASP, which aims to build and launch an EO satellite constellation with air pollution monitoring sensors
 - Kawa Space, a geospatial intelligence startup
 - Little Place Labs, an edge computing startup
 - Lunasonde, which aims to launch an EO satellite constellation with radars for subsurface imaging of the Earth, the Moon and beyond
 - Investment firm Seraphim Space selected nine startups to be part of its accelerator program, including two EO firms
 - An Indian startup, GalaxEye Space, which aims to launch a constellation of multi-sensor (multispectral + SAR) satellites
 - EarthEye, a startup from Singapore, which is building an EO platform for ordering and processing satellite imagery
 - EO non-profit Radiant Earth (previously Radiant Earth Foundation) has announced the launch of two initiatives:
 - *Source Cooperative*, a data publishing utility to make it trivially easy for geospatial data providers to make data products available on the Internet;
 - *Cloud-Native Geospatial Foundation* to increase adoption of highly efficient modern data sharing best practices;
 - EU Global Action from Space: This initiative by the European Commission supports cooperation between EU Space companies and players from more than 110 countries globally. The EU Global Action on Space is targeted explicitly towards stakeholders from your country to benefit from the European Space Programmes (e.g., on Earth Observation, Satellite Navigation), its data, and services by supporting the set-up, strengthening, and deepening of international collaborations with the goal to reach commercial agreements.

SIGN UP FOR FREE

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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