

eoSCAN (August 2023)

Corporate News★ Thanks to contributions from ©Terrawatch Space

- AerospaceLab: CEO of the new North American branch + Group Chief Strategy + Revenue Officer named
- Carbon rating firm BeZero Carbon is **partnering** with French EO analytics company Kayrros to map the Amazon basin using satellite imagery and geospatial data to rate carbon projects
- Carbon monitoring startup Sylvera, which uses remote sensing data among other sources, has **raised** \$57M in Series B funding
- Capella Space **announced** details about its next-generation SAR satellite including high-resolution imagery and low latency delivery
- Constellr raises €17m in Seed Funding
- Development Seed **announced** the launch of eoAPI, a cloud-native, open geospatial data infrastructure to make archived EO data more easily discoverable and interoperable
- Luxembourg-based startup Kleos Space has filed for bankruptcy
- Indian startup GalaxEye has announced plans to launch the world's first multi-sensor satellite in 2024
- NuView Aims To Map Earth In 3D Using Satellite Based LiDAR
- Planet Completes Acquisition of Sinergise; Set to Expand Planet's Earth Data Platform
- Privateer Space, a space sustainability startup founded by Apple co-founder Steve Wozniak, **unveiled** an EO marketplace that will be powered by an edge compute, storage, machine learning, and data transmission module
- SatSure is **partnering** with Rabo Partnerships, an initiative of the Dutch agribusiness bank, Rabobank, to enable cash flow-based lending for smallholder farmers globally using SatSure's EO products;
- Satelogic and Quant Data & Analytics Announce 3-Year Agreement
- Satsure invest in Astrogate Labs
- Spire Global teams up with OroraTech to launch a fleet of wildfire-monitoring satellites. Spire Global awarded a GHGSat contract for satellite constellation expansion. **SEE FULL STORY**. Spire **rolled out** a new weather monitoring and alerting platform, called DeepVision aimed at the energy, supply chain and logistics industries
- Umbrla, which **announced** its open data policy earlier in the year, said it has now **released** over \$1M worth of free data;
- Australia's space industry is **facing** an uncertain future after the recent budget cuts which cancelled the national EO programme
- AI-Empowered Policy Making with the UN Arab Region Data and Policy Support Hub
- China Launches New Meteorological Satellite. China **launched** the FENGYUN-3F weather satellite
- China successfully launches new satellite for Earth observation
- EU's Copernicus program: Tracking humans' impact on Earth
- India's first Defence UAV Testing Centre to be in Tamil Nadu. Indian Startup to launch world's first Multi-Sensor Satellite in 2024
- India's IN-SPaCe is **considering** a public-private partnership for building and operating a national EO constellation. India **launched** 7 Singaporean satellites, including a SAR satellite to be used by Singapore government agencies and commercial customers
- Indian EO analytics firm, SatSure, which is building a constellation of satellites, **made** a strategic investment in Astrogate Labs, a startup building laser communications system that enhances downlink speed to 1 Gbps
- IN-SPaCe moots PPP model for earth observation satellite constellation for India
- ISRO **published** details of the NISAR Utilization Programme, an initiative to allow Indian researchers to access data from the NISAR satellite with a dual-frequency S- and L-band SAR instrument, launching in early 2024
- 5 Private Companies Planning Earth Observation Missions
- NASA **announced** the release of the first open-source geospatial AI foundation model for EO data, built using the Harmonized Landsat Sentinel-2 dataset, in partnership with IBM
- NOAA Eliminates Certain Restrictions on Commercial Remote Sensing Companies. NOAA **lifts many commercial remote sensing license conditions**
- Radiant Earth, PLACE, Spatial Collective, and the Kenyan Space Agency are **collaborating** on a pilot project to collect and curate labelled high-resolution agricultural data for open access and public benefit in Kenya
- The UK Space Agency **announced** £15M in funding which will be used to invest in a range of environmental monitoring EO instruments
- The Government of Western Australia **invested** AUD 800,000 in LatConnect 60, which is building a constellation of EO satellites
- The Group on Earth Observations **announced** the development of Global Heat Resilience Service that aims to provide every urban area in the world with intelligence on the health risks from exposure to extreme heat using EO
- SkyWatch announces availability of Umbrla SAR data and also launches InSARance
- UK Space Agency funds Earth observation technologies. UK Space Agency announces £15M for Earth Observation technologies
- What if Latin America Built a Shared Satellite Data Center?

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

blocked URL	blocked URL	blocked URL	blocked URL	blocked URL	blocked URL
AGRICULTURE	INFRASTRUCTURE	MARINE & MARITIME	RAW MATERIALS	URBAN DEVELOPMENT	WIND ENERGY

- Array Labs is scanning the Earth from space to equip autonomous vehicles with 3D maps
- Can satellite data services tackle pollution and biodiversity threats?
- Capella's Earth-imaging satellites are deorbiting faster than expected
- Geospatial Intelligence Drives the Future
- Generation Space Index Q2 2023 is released
- How Upstream Tech's Lens Platform and Planet Imagery Help One Tree Planted Visualize
- Maxar unveils new Maxar Geospatial Platform | Geo Week News
- NASA scraps study to use lidar space sensors for climate monitoring of aerosols
- Satellites Detect Methane Leak in Kazakhstan Raising Climate Concerns
- Scientific Innovation and an Evolving Industry Landscape
- SAR satellites from Capella Space are **falling back** to Earth much sooner than the three years they were anticipated to operate, due to a combination of issues with the propulsion system and increased solar activity
- Planet Joins BARSC. Planet has **announced** a layoff of 117 employees, about 10% of its ~1,000 employees
- Planet Labs and MAXAR images provide updates of Maui fires' devastation
- European space traffic management company Neuraspace has joined NVIDIA Inception, a program that nurtures startups revolutionizing industries with artificial intelligence
- EnduroSat Partners with Vyoma for SSA Mission
- IN-SPaCe may be looking at 130 satellites
- Hesai Technology, NVIDIA Collaborate on AV System Development
- Pioneering worldwide space partnerships to boost UK innovation
- PrivacyHawk Raises \$2.7 Million to Pioneer the Personal Data Protection Market**
- Real-estate broker Redfin will **include** wind risk data provided by the non-profit firm First Street Foundation, based on current and projected wind exposure from hurricanes, for nearly every U.S. property listed on its website
- SatSure Invests in Astrogate Labs for Laser Communication Solutions
- The Next Frontier in Agriculture: Earth Observation Drones for Precision Farming
- Tilebox, an Austrian startup, building a platform for space data management **raised** \$1.7M in pre-seed funding;
- Top Five Applications of Remote Sensing
- Quantum Space Exec Details Plan to Open Access to GEO
- 10 small projects to save the planet using environmental satellite data

- Google, together with Woodwell Climate Research Center, has won a \$5M grant to create satellite-based analysis methods for permafrost monitoring in the Arctic, leveraging data from public and commercial sources
- Luxembourg-based radio frequency monitoring startup Kleos Space has filed for bankruptcy, due to launch delays, satellite development issues, and challenges with accessing capital
- Iceye Awarded 1st NASA Task Order Under Satellite Imagery Acquisition Contract
- Hyperspectral satellite startup Pixxel won a grant from the Ministry of Defence to manufacture miniaturized multi-payload (optical, SAR, infrared, hyperspectral) satellites for the Indian Air Force
- Space-related security and defence projects funded through the EDF
- Spire Global Extends Contract with NASA for Earth Observation Data
- Spire won a €16M contract from ESA to demonstrate a civil aviation tracking constellation that would not rely on any global navigation satellite system
- The US Space Force will receive \$40 million for a pilot program to evaluate the use of commercial imaging satellites in support of military operations
- The US Environmental Protection Agency and the Department of Energy will provide more than \$1B in funding to reduce methane emissions from the oil and gas sector, which includes tools to monitor methane emissions

- Download ESPI Perspectives
- Spire Posts Record Revenue, Loss Reduction in 2Q 2023 Just Before Planned Stock Split
- Young space firms are driving acquisition activity

Geospatial World Forum 2024 shall host a two-day program on GEOSPATIAL FOR CLIMATE: ACCELERATING THE TRANSITION TO A SUSTAINABLE GREEN ECONOMY.

- Funds Europe: SpaceTech investment breaks new record

List of capdev meetings at CEOSCopernicus—Capturing Earth art and inspiring artists

- Integrated Spatial Planning Workbook
- New e-course on Digital Sustainability for Climate Action
- Top Five Applications of Remote Sensing
- Top Five Applications of GeoAI

eoMAG Twitter LinkedIn