

## **Open Cosmos Expands Operations in Portugal**

- Leading space tech Open Cosmos is opening its fifth international office, in Porto, as well as facilities in Coimbra to expand its satellite development capabilities
- The new locations will support the development of three cutting-edge high-resolution satellites to enhance the Portuguese space ecosystem as part of the New Space Portugal project
- The satellites, announced as part of Web Summit, will form part of the OpenConstellation, which addresses challenges around the climate crisis, energy, natural resources and more

**Lisbon, Portugal – November 2024:** [Open Cosmos](#), a leader in satellite technology, is announcing today the expansion of its operations in Portugal and that it will incorporate three Portuguese satellites into its OpenConstellation, announced as part of Web Summit. The company will take charge of the High-Resolution Earth Observation activities as part of the PRR Portuguese Space Agenda.

Open Cosmos will fully design, manufacture and test these satellites built in Portugal and include technologies and capabilities developed across partners in the growing Portuguese space ecosystem. Once in orbit, these satellites will be fully operated by Open Cosmos and will be a strong addition to the company's growing OpenConstellation. Each satellite will fly EO (earth observation) and IoT (Internet of Things) payloads that are fully aligned with the monitoring of the Atlantic Ocean, land cover, biodiversity and the impact of natural disasters including wildfires, flooding and climate change-related events.

Open Cosmos Atlantic, the Portuguese subsidiary of Open Cosmos, is rapidly increasing its headcount and has rapidly grown a team of tens of employees.

### **Unlocking the potential of space data**

The OpenConstellation is a mutualised satellite infrastructure, revolutionising data access and information sharing. Sharing space assets dramatically lowers costs and simplifies data accessibility, negating the need for governments or organisations to fund their own constellations. With an expanded satellite network, each member can access up to three times more data, leading to shorter revisit times and more extensive coverage. Priority tasking ensures members receive data and exclusive rights over their regions of interest, and Open Cosmos's comprehensive full mission management covers every aspect from concept design to manufacture, launch, operation and invaluable data insights.

Projects like the Atlantic Constellation are highly aligned with this architecture, which is also set to be fully complementary in terms of revisit and resolutions with the Copernicus satellites.

## **Building the future of Portuguese space**

This partnership will allow Portugal to leverage the satellite technology already developed by Open Cosmos and currently being used in several missions, including ALISIO-1 satellite for the Canary Islands, MANTIS satellite for the monitoring of energy and mining, Phisat-2 for the use of on-board AI and the HAMMER satellite to combine InterSatellite Link and on-board processing for near-real-time insights extracted from hyperspectral images. This will accelerate the build of the three satellites, ensuring they can be launched by 2026.

Open Cosmos has offices in Porto, located within the UPETEC Business and Innovation Hub and is now setting up its new state-of-the-art facilities in Coimbra that will be fully operational early next year, as part of its commitment to the Portuguese space ecosystem.

The Portuguese facilities will enable Open Cosmos to build and develop in-country expertise. Nurturing local talent and leveraging existing skills in satellite manufacturing will allow Portugal to address the requirements of the African, European, and Latin American markets. This will not only stimulate the growth of the sector but also generate employment opportunities and contribute to the overall economic development of the country.

**Rafel Jorda Siquier, Open Cosmos founder and CEO, said:** "Open Cosmos' contract to design and manufacture Earth Observation satellites for Portugal's New Space Agenda marks a significant milestone in our mission to democratise space access. These satellites will be operated as part of the OpenConstellation, empowering organisations globally to address some of the world's greatest challenges, including the impacts of climate change - allowing them to drive positive change on a global scale".

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### **Contact**

Marta Mas i Serra

[marta.mas@open-cosmos.com](mailto:marta.mas@open-cosmos.com)

### **About Open Cosmos:**

Open Cosmos is a leading space technology company that specialises in small satellite solutions. With a mission to simplify access to space, Open Cosmos designs, builds, and operates small satellite platforms, providing organisations worldwide with the tools and capabilities to leverage satellite data effectively. Open Cosmos empowers customers to address global challenges across various sectors, including agriculture, climate monitoring, and navigation, by delivering actionable insights derived from space.