Press release

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The Future of Critical Infrastructure: EuroSkyPark and Greenerwave Seal Technology Partnership





- **Signing of the Memorandum of Understanding (MoU): EuroSkyPark GmbH (Saarbrücken) and Greenerwave (Paris) join forces.**
- **Next-generation satellite communication: Integration of low-power multi-orbit antennas for maximum resilience against outages.**
- **Security for Europe: Independent, blackout-proof high-tech solutions for energy providers and critical infrastructure (KRITIS).**

Saarbrücken / Paris, October 26, 2026 – EuroSkyPark GmbH (ESP), one of Europe's leading providers of highly available, satellite-based data communication, and the French deep-tech company Greenerwave have agreed on a far-reaching technology partnership. With the formal signing of a Memorandum of Understanding (MoU), both companies are laying the foundation for a groundbreaking collaboration in the field of critical infrastructure (KRITIS).

The partnership aims to integrate Greenerwave's highly innovative, low-power, electronically steerable antennas into EuroSkyPark's proven, blackout-proof communication solutions. This combination enables an entirely new level of resilient data transmission for energy providers, offshore wind farms, and industry.

REVOLUTIONARY ANTENNA TECHNOLOGY MEETS MAXIMUM NETWORK RESILIENCE

Greenerwave's technology is based on Reconfigurable Intelligent Surfaces (RIS) — so-called smart surfaces. These metamaterials make it possible to precisely shape and steer electromagnetic waves in real time. Compared to conventional systems, the antennas, designed and manufactured in Europe and available in three orbital configurations (GEO, LEO, GEO/LEO), consume up to ten times less power and largely eliminate the need for scarce semiconductor components. This not only makes the terminals extremely energy-efficient but also secures a European supply chain independent of global bottlenecks.

Through this partnership, EuroSkyPark will leverage Greenerwave’s unique technology to take its SatConnect solution a step further, making it dual-hybrid. At the first level, the new terminals will switch seamlessly, between geostationary high-orbit satellites (GEO) and low-Earth-orbit satellite constellations (LEO). At the second level, the satellite link, whether GEO or LEO, is combined with terrestrial 4G/5G networks, with automatic failover if either path fails.

A MILESTONE FOR EUROPEAN SECURITY OF SUPPLY

> *"The signing of the MoU with Greenerwave is a strategic milestone for us and for our customers in critical infrastructure," says Thomas Maul, CEO of EuroSkyPark GmbH. "In an era of growing threats from cyberattacks and large-scale power outages, energy and grid operators need absolute resilience against failure. Greenerwave's multi-orbit antennas are a perfect fit for our commitment to delivering blackout-proof networks with 99.9 percent protection."*

Thomas Maul also highlights what sets EuroSkyPark’s approach apart:

> *“With SatConnect, we already offered a hybrid solution combining satellite and 4G/5G. With Greenerwave’s multi-orbit antennas, we are moving to a dual-hybrid solution: on one side, switching between GEO and LEO; on the other, combining satellite, whatever the orbit, with terrestrial 4G/5G networks. In practice, our customers get several independent paths for their critical data, including SCADA traffic, with automatic failover and secure end-to-end VPN tunnels. If one link goes down, another takes over, and even if terrestrial infrastructure fails completely, satellite keeps communications running.”*

On the French side, too, there is great anticipation for the joint venture. Greenerwave's pioneering technology — which recently drew international attention through major defense-sector contracts — will now be brought directly into practical use across European industry, through EuroSkyPark.

> *“We are very pleased to partner with EuroSkyPark, which shares our ambition to make critical satellite communications more resilient, sovereign, and energy-efficient. By combining our multi-orbit antenna technology with EuroSkyPark’s expertise, we are contributing to build a new generation of solutions capable of ensuring continuity of communications, even in the most demanding situations,”*
>
> **GEOFFROY LEROSEY, PRESIDENT AND CO-FOUNDER OF GREENERWAVE**

Through this partnership, both companies underscore their role as technology pioneers and make a decisive contribution to Europe's technological sovereignty and security.

ABOUT EUROSKYPARK GMBH

EuroSkyPark GmbH, headquartered in Saarbrücken, Germany, is one of Europe's leading providers of highly available, satellite-based data communication, specialized in critical infrastructure for the energy sector. Since 2005, the company has connected wind and solar farms, substations and offshore platforms by satellite, representing more than 30 GW. Its SatConnect solution, designed and assembled in Germany, combines satellite (GEO and LEO) with 4G/5G in an end-to-end private MPLS routing encrypted with IPsec AES-256, and is backed by a Network Operations Center (NOC) available 24/7. EuroSkyPark is certified to ISO/IEC 27001, ISO 9001 and ISO 45001 and has offices in Hamburg, Poland and Paris.

ABOUT GREENERWAVE

Greenerwave is a French deeptech company with offices in Paris, Toulouse and Sophia Antipolis. Pioneer in next-generation SATCOM user terminals, the company leverages a unique expertise in electromagnetic wave control. At the core of its innovation lie Reconfigurable Intelligent Surfaces (RIS), combined with advanced physics-inspired algorithms that enable electromagnetic waves carrying signals to be guided efficiently and dynamically in real time. This novel approach allows the company to design electronically steerable flat antennas that deliver high-performance connectivity while significantly reducing energy consumption and reliance on semiconductors compared with conventional solutions. Multi-orbit and compatible with all current and future satellite constellations (including OneWeb, IRIS², and others), Greenerwave's SATCOM terminals address the growing demand for secure, sovereign and resilient connectivity, combining flexibility, efficiency, technological agnosticism and reliability. Beyond SATCOM, the company also applies its unique expertise to other strategic sectors, driving innovation in telecommunications and sensing technologies.

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