

Press Release
Paris, June 18, 2025

Greenerwave secures a €10M+ contract to equip the French Armed Forces with innovative SATCOM connectivity



Greenerwave is proud to be at the heart of a strategic initiative supporting the French Armed Forces, thanks to its breakthrough satellite communication (SATCOM) technology. As part of a recently awarded contract by the French Defence Procurement Agency (Direction Générale de l'Armement – DGA), led by Airbus Defence and Space and involving satellite operator Eutelsat OneWeb, Greenerwave will play a key role in enhancing military connectivity. The contract marks the culmination of years of development, innovation, and collaboration with the DGA and the French Defence Innovation Agency (AID), and will allow Greenerwave to demonstrate the full potential of its technology. A key objective is to validate its performance in a Satcom On the Move configuration — that is, integrated into a vehicle — using the Ku-band on Eutelsat's OneWeb constellation.

This major contract highlights Greenerwave's unique ability to deliver sovereign, high-performance and resource-efficient solutions tailored to the evolving challenges of military telecommunications. The aim: to improve the connectivity of French forces by leveraging Eutelsat OneWeb's low Earth orbit (LEO) constellation as a complement to the SYRACUSE IV strategic communication system.

This partnership positions Greenerwave as a leading technology provider capable of addressing the critical needs of sovereignty, mobility, and resilience required for the most demanding defense operations. At the core of this breakthrough are Greenerwave's next-generation, multi-orbit user terminals, featuring ultra-low power consumption and minimal reliance on semiconductors — delivering high performance, energy efficiency, and durability.



Based on a unique passive technology, Greenerwave's electronically reconfigurable antennas offer a sovereign, agile, and resilient solution to satellite communication demands, including in the most constrained operational environments.

The contract includes an initial firm order worth €2.8 million for the delivery of a first batch of antennas, enabling rapid deployment to the French forces and early demonstration of Greenerwave's technology capabilities. This order could be followed by a complementary procurement exceeding €10 million.

These technological advancements are fully aligned with the evolution of the Ministry of Armed Forces' SATCOM systems, designed to meet the growing need for high-speed, low-latency, mobile, and resilient connectivity — anytime and anywhere.

Geoffroy Lerosey, CEO and co-founder of Greenerwave, states: *"We are honored to contribute to this contract with cutting-edge French technology, and proud to actively support the strategic and operational autonomy of our Armed Forces."*

This milestone represents a major step forward for Greenerwave. It also illustrates the DGA and AID's ability to identify breakthrough innovations from early-stage laboratory research, support and fund their development, and successfully integrate them into large-scale defense programs through collaborations between major industry players and startups.

Didier Landi, SATCOM Program Director at the DGA, comments: *"Connectivity via Eutelsat OneWeb's LEO constellation today — and Europe's future IRIS² constellation tomorrow — represents a major strategic priority for the French Armed Forces, complementing the military satellite capabilities of SYRACUSE IV. Large-scale deployment of such connectivity must be achieved at a controlled cost, aligned with the need to scale up resources. Greenerwave's technology holds great promise in meeting this requirement. With this contract, the DGA is not only strengthening the operational capabilities of the Armed Forces, but also promoting French technological innovation as a credible alternative to foreign tech giants — fully aligned with a war economy approach."*

In addition to this flagship contract, Greenerwave has also secured a new R&D contract with defense leader Thales. This initiative aims to validate the performance of a Greenerwave antenna in the Ka-band, this time using the sovereign geostationary military constellation SYRACUSE IV.

About Greenerwave

Greenerwave is an industrial deeptech founded in 2015 by researchers Geoffroy Lerosey and Mathias Fink, spin-off from the Langevin Institute, dependent on CNRS and ESPCI-PSL (École supérieure de physique et de chimie industrielles de Paris). Specializing in the control and orientation of electromagnetic waves, Greenerwave designs and develops, in France, a revolutionary technology that drastically improves the energy efficiency of equipment, making it more economical, more environmentally friendly and less dependent on semi-conductors. This disruptive technology is finds application across various sectors, ranging from the automotive industry to satellite communications and the Internet of Things.



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