Opportunity type

Project cooperation

Title *

Max 160 characters. Keep it concise and informative.

Space connectivity for healthcare support for remote areas

Short description *

Max 140 characters. Visible on the list of opportunities.

Satellite-powered telehealth and data connectivity to deliver medical care to remote and underserved areas.

Full description *

Visible on the opportunity page.

This initiative bridges the digital health divide through space-enabled connectivity. Using satellite communication and IoT integration, it supports telemedicine, real-time diagnostics, and emergency coordination in isolated or disaster-affected regions. The project will develop a secure, scalable infrastructure connecting medical professionals, devices, and data systems, ensuring continuous patient monitoring and equitable healthcare access. It targets collaborations between space technology providers, health startups, and public health actors to build resilient, globally connected care systems.

Expanding on this foundation, the project envisions a hybrid communication network that combines satellite and terrestrial technologies to ensure uninterrupted medical data exchange, even in the most remote or crisis-prone environments. By enabling low-latency data transmission, AI-supported diagnostics, and remote consultation platforms, it enhances the ability of healthcare professionals to deliver timely interventions regardless of location. The initiative also fosters cross-sector innovation between the aerospace and healthcare industries, promoting co-development of interoperable standards and secure data frameworks. Beyond addressing immediate connectivity challenges, it contributes to global health resilience, supporting the EU's strategic goals for digital transformation, space utilization, and health equity. Ultimately, it demonstrates how space technologies can become vital enablers of accessible, sustainable, and inclusive healthcare systems worldwide.