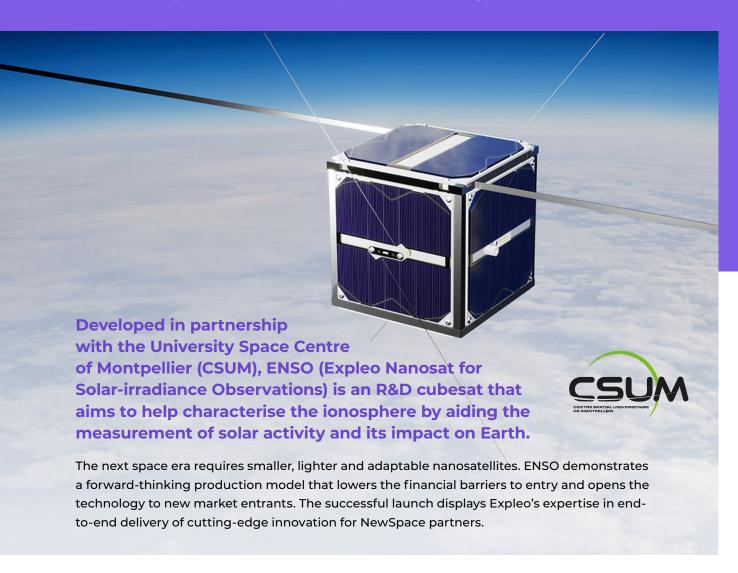
(expleo)

Launching ENSO: CubeSat payload delivery

Maximising the benefits of space technology on Earth



Out of this world



Size: 10cm x 10cm x 10cm



Weight: 1 ka



Temperature range: -40°C to +50°C*



Average orbit: 95 minutes

Expleo helps partners to...

- Drive cutting-edge innovation in nanosat technologies
- Gain specialised knowledge in NewSpace projects
- Co-engineer projects from inception to completion
- Access cleanroom and electronics labs for prototype development



Could your team benefit from expertise in satellite payload solutions and onboard sub-systems? Do you need rapid launcher prototyping, in-orbit demonstration and flight model creation?

Get in touch today to find out how we can help.

"It's exciting to think that an idea originally conceived by Expleo interns is now orbiting our planet every 95 minutes and revealing valuable secrets about the Earth's atmosphere that could help shape the future of space technology."

Julie Bidault, Quality Assurance Manager, Expleo Group

The ENSO story... Missions' **Partnership** R&D Launch 1. Beacon emitted to measure commencement ionosphere frequencies Mission analysis, SpaceX's Falcon 9 Collaboration preliminary design, via ISISPACE 2. Gathering raw data and with CSUM and detailed design sending back to Earth Internship initiative End of Life **Testing and delivery** Commissioning Deployment of the Dedicated interns Testing phase Culmination of embarked on the mission antenna and successful the nanosatellite's completed, reception of radio to develop the Nanosatellite successful delivery mission R&D Payload. to ISISPACE frequency signals

Engineering the next space era

From satellite design to space data management, through next-gen ground systems equipment, Expleo develops and tests new products and services that are scalable, smarter and more sustainable. With our partners, we bring the wonders of space to the world, connecting the possibilities of space with life on Earth.

Think bold, act reliable expleo.com

