



business
applications

→ FUNDING & SUPPORT OF SPACE-ENABLED SERVICES IN THE MINING SECTOR

Funding up to €60K per Activity
Deadline 20/05/2019



→ SPACE-ENABLED MINING SERVICES

The European Space Agency is offering technical support and funding to companies developing innovative and commercial space-enabled mining services. Mining is the process of extracting minerals, metals and other valuable materials from the surface of the Earth, including the seas.

Key areas of interest include:

- Exploration: The search for new mineral resources relies on sophisticated exploration techniques. Satellites, drones and aircraft-based systems can help with the initial discovery of ores to mine.
- Construction & Operation: Emerging technologies are expected to significantly impact methods of mineral recovery, processing, and transportation.
- Closure & Rehabilitation: Once a mining site closes, rehabilitation of the land and watercourses begins. Mines may require long-term treatment and remediation monitoring.
- Commodity trading: To assess which commodities to invest and divest in, shareholders and investors must consistently monitor the mining sector and other external factors closely.
- Illegal mining: Illegal mining can belong to large-scale organised crime or it can be a subsistence activity. The unregulated and illicit nature of the work has brought about violence, corruption, and turf warfare. Satellite technology can help to prevent it.
- Safety of mining workers: Mining is risky and hazardous. Accidents occur and workers can suffer from fatigue and injury. Technological advancements can help to improve the safety of workers.

→ WHAT WE OFFER



Zero-Equity Funding
up to €60K per Activity



Access to our
Network & Partners



Technical & Commercial
Guidance



Brand Credibility

→ WHAT WE LOOK FOR

- ✓ Motivated teams with business and domain expertise
- ✓ Attractive market opportunities and customer engagement
- ✓ Commercially viable service concepts
- ✓ Technically feasible solutions enabled by Space

Apply Now!

For further information, go to: business.esa.int/

Official tender documentation: ESA EMITS (emits.esa.int), AO/1-8872

Submission period: 9th April 2019 – 20th May 2019 13:00 CET

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