

IASE Project - Concept Overview

Etheric Space Artificial Intelligence (IASE) envisions a distributed network of intelligent nodes operating in space, interconnected through secure quantum and wireless communication links. The project aims to enable autonomous decision-making, decentralized data processing, and resilient communication for space missions and advanced Earth applications.

Key Technologies

- Quantum-secured communication protocols
- Federated learning for distributed AI models
- Space-based energy harvesting and transmission
- Self-repairing autonomous satellite systems

Development Roadmap

Within 10 years (by 2035): Early-stage quantum satellite networks and federated AI-enabled constellations.

Within 20 years (by 2045): Large-scale autonomous AI infrastructure in orbit.

Within 30 years (by 2055): Full AI-driven interplanetary communication and intelligence.

Contact & Further Information

Project Website: <https://iaseproject.com>

Zenodo Publication: <https://zenodo.org/records/14993586>

DOI: <https://doi.org/10.5281/zenodo.14993585>

Twitter/X: @iase_project

Email: iaseproject@zohomail.eu