

→ FUNDING & SUPPORT OF SPACE-ENABLED SERVICES POWERED BY ARTIFICIAL INTELLIGENCE

Funding up to €60K per Activity

→ ARTIFICIAL INTELLIGENCE KICK-START

The European Space Agency is offering technical support and funding to companies developing innovative and commercial products and services combining Artificial Intelligence with space technology.

Artificial intelligence (AI) is the ability of a computer or computer-controlled robot to perform tasks commonly associated with intelligent beings. There is substantial promise for the combined use of AI and space technology across industries in terms of both practical applications and economic potential.

→ EXAMPLES OF KEY AREAS OF INTEREST

- **Retail** : Understanding customer behaviour is crucial in retail. However, datasets on customer journeys and shopping experiences are often so big, that companies struggle to analyse the information sufficiently.
- **Electric Utility**: Transmission System Operators (TSOs) and Distribution System Operators (DSOs) must match energy supply to energy demand, avoiding overload and power cuts. Satellite data processed through AI could add benefit by helping to balance the grid by improving forecasts.
- **Manufacturing, Transport and Logistics**: AI based systems could shorten development cycles, improve engineering efficiency, prevent faults, increase safety by automating risky activities, reduce inventory costs with better supply and demand planning, and increase revenue with better sales lead identification and price optimization.
- **Healthcare** : Leveraging aggregated medical and social data to better manage costs has made forecasting one of the few areas of active AI applications in health care, attracting top tech, pharma, and medical players as well as small start-ups
- **Social good**: AI for social good aims at utilising AI to make an impact on issues faced by societies. As such, the sustainability and business models build on a concerted effort involving private and institutional / public sectors, investing in medium to long term programmes steered towards delivering benefits to citizens.

→ 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

→ AI SPECIFIC MACRO-AREAS TO APPLY FOR

The AI kick start is organised around specific macro-areas for which dedicated calls will be issued:

- ✓ **Consumer goods , business and industrial services**
(OPENING DATE 13th May 2019, CLOSING DATE 21st June)
- ✓ **Social Impact**
(OPENING DATE 25th June 2019, CLOSING DATE 30st August)
- ✓ **Infrastructure**
(OPENING DATE 2nd September 2019, CLOSING DATE 11th October)
- ✓ **Environment and natural resources**
(OPENING DATE 14th October 2019, CLOSING DATE 29th November)

Apply Now!

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

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

Submission period: 13th May 2019 – 29th November 2019 13:00 CET

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