



Space for Olympic Games Call for Proposals

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Agenda

- Introduction to ESA Space Solutions
- Context of the call for proposals Space for Olympic Games
- Use cases: Atos and Swiss Timing
- The contribution of the European Platform for Sport Innovation (EPSI)
- How to apply
- Q&A

ESA SPACE SOLUTIONS Offer



Zero-equity funding (from €50k to €2M+ per activity)



A personalised ESA consultant



Technical support and commercial guidance



Tailored project management support



Access to our international network of ESA and partners



Access to our network of investors



Credibility of the ESA brand

Project web pages:
business.esa.int/projects

Space tech, users & markets

Space Technology...

-  Earth Observation
-  Satellite Navigation
-  Satellite Communication
-  Spaceflight Technologies
-  Space Weather

... coupled with...

- Big Data analytics
- VR/AR
- Artificial Intelligence
- Mega-constellations
- Crowdsourcing
- IoT
- Cybersecurity
- Blockchain
- 5G (<https://artes.esa.int/esa-5g6g-hub>)

... to serve Users & Market

-  Maritime
-  Agriculture
-  Environment
-  Healthcare
-  Financial
-  Transport
-  Education
-  Media
-  Energy
-  Aviation

Space for Olympic Games

<https://business.esa.int/funding/intended-tender/space-for-olympic-games>

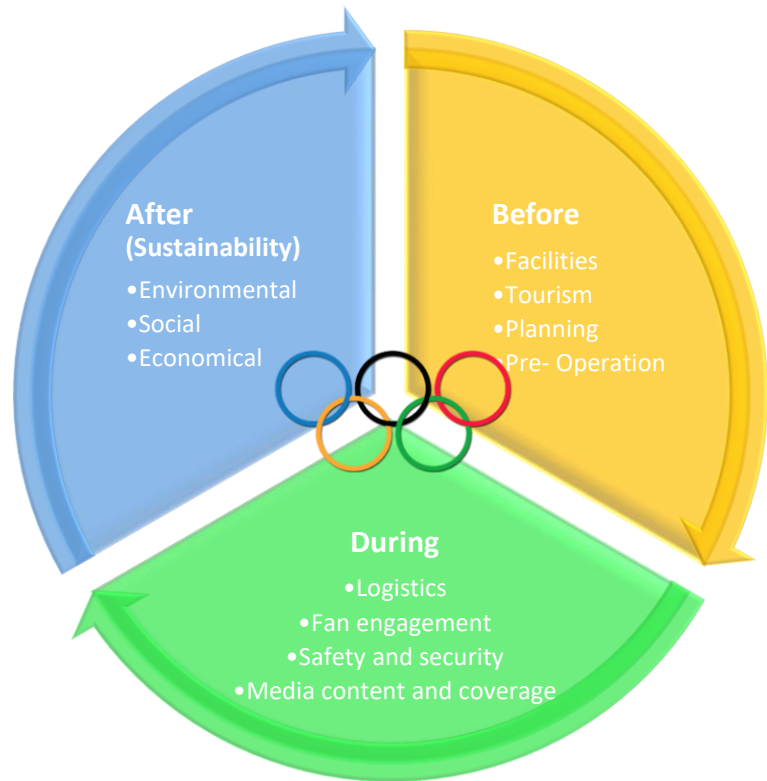


SPACE SOLUTIONS

Make the sport winning!

Services and products supporting:

- **Sustainability:**
 - Sustainable infrastructure
 - Services around construction sites
 - Smart and green (Olympics) cities
- **Smart management of the event:**
 - Crowd management, first response and management of emergency events, public safety
 - Event management
- **Engagement with fans**
- **Performance:** Athletes' preparation and training



Space for Olympic Games - Stakeholders

Needs identified in collaboration with



And in partnership with



Space for Olympic Games - Examples of the value of space



Satellite Communication

- Enhance **communication** links of the facilities
- IoT **devices** connectivity for the monitoring of event's parameters
- Support **remote** locations connectivity (e.g. islands or mountains)



Earth Observation and Weather

- Status of the **working sites**
- Information on **geographical** and environmental parameters
- Integration of **environmental** data into athletes performance assessment



Satellite Navigation

- Geo-localization of **vehicles** and **routing** to events
- Mapping of athletes during training
- **Mapping** of athletes during competitions



Human Spaceflight Technology

- **Technology transfer** of health/life parameters sensors, innovative textiles, algorithms for the physical status assessment



How to apply?

Funding schemes BASS

Entry point

Type of activity

Total cost/price of activity & funding

Direct
Negotiation

Feasibility studies

Max 500k Eur, 50-80% funded by ESA
(can be 100% for research contributions)

Demonstration projects

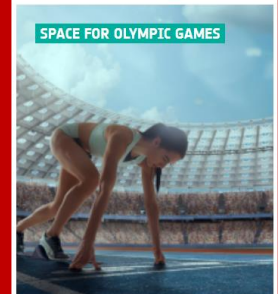
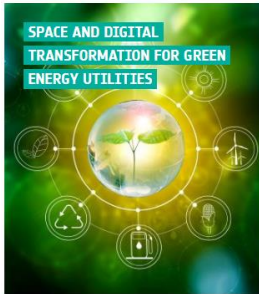
No max amount, 50-80% funded by ESA
(depending of wishes of the delegation)

More details on the direct negotiation approach here: <https://business.esa.int/funding/direct-negotiation-call-for-proposals>

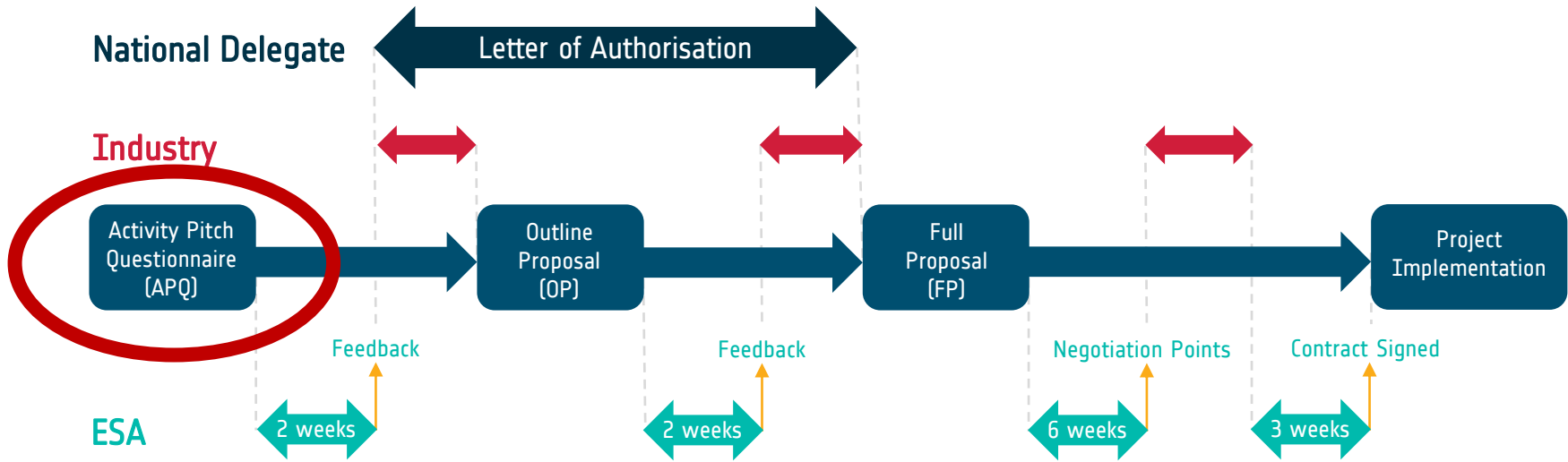
Where to find the information

business.esa.int

- Scroll down to the part “Featured Opportunities” to see all activities currently open or in preparation



Roadmap for Procurement in Direct Negotiation



ESA UNCLASSIFIED

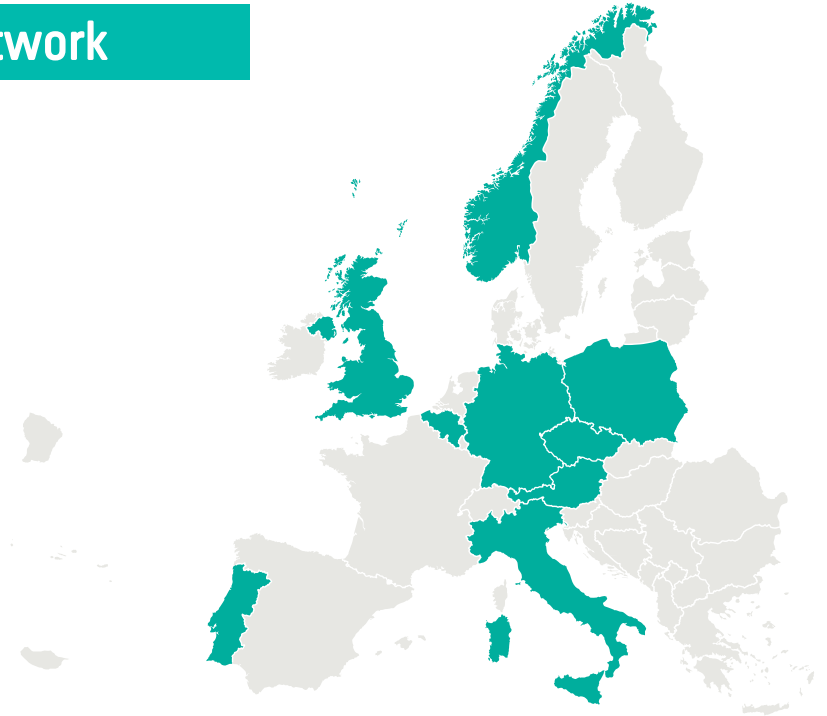


A tool at your disposal – the Ambassador Network

- Ambassadors are present in 9 countries
- They are your local interface for your ESA Space Solutions questions
- They can advise you on:
 - Preparation of the Activity Pitch Questionnaire
 - Give you an overview of ESA Space Solutions funding opportunities



<https://business.esa.int/ambassador-platforms>





Thank you

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