







A scheme in collaboration with the European Space Agency

Space Research Fund



Scope

Financial support for R&D&I in the downstream Earth Observation (EO) sector to tackle societal challenges in Malta.

Capacity building measure to jump start the EO sector.

Who can apply?

All Maltese Legal Entities:

Private Entity or
Public Entity or
Public Research & Dissemination Organisation

Up to €150,000

de minimis or GBER or State Aid Not Applicable

Eligible Costs

Personnel (Salaries)
Specialized Equipment
Consumables
Subcontracting
and more

Research Streams

Stream 1: (TRL 1 to 4)

Stream 2: (TRL 5+)

Project Duration

20 months across two stages.

Typical Consortium Compositions

Sole Beneficiary

Public – Private

Public – Public

Private – Private

Space Research Fund – Types of Personnel

A multidisciplinary team is required:

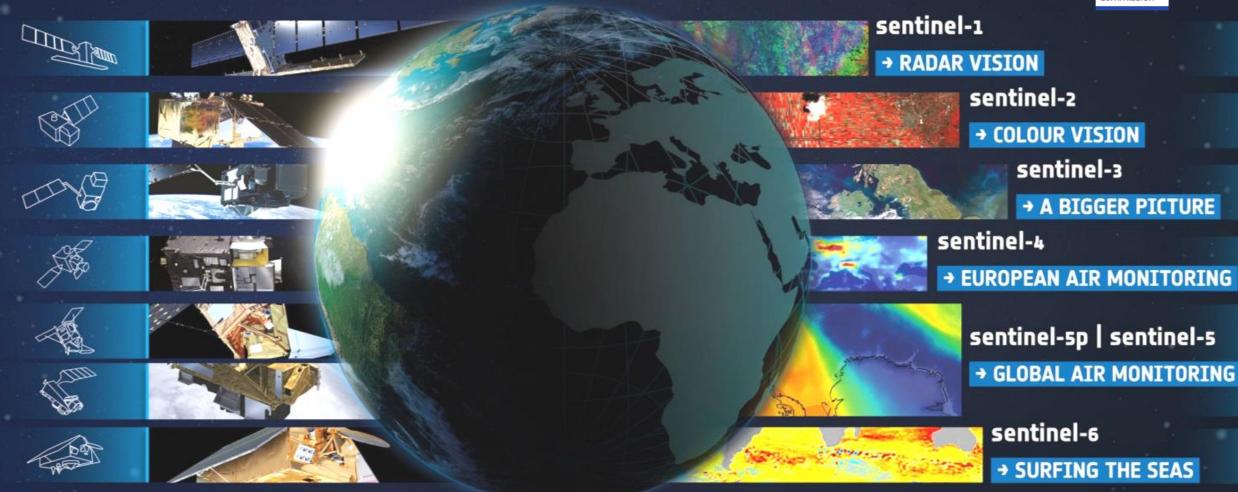
- Remote Sensing Competencies people who can interpret EO data.
- Scientists varies according to thematic area chosen e.g. agronomists, geologists, environmental.
- Engineers designing and deploying in situ sensors (land, sea or air), weather stations etc.
- ICT personnel with Artificial Intelligence and Computer Vision competencies.
- Personnel with **specific licences** (such a drone flying permits).
- **Expertise from abroad** Earth Observation is at an embryonic stage in Malta. Participation of foreign companies and/or consultants is allowed by a reasonable justification (subcontracting).











IMP: Utilization and exploitation of existing European Union EO infrastructures.

Click here: Discover our satellités

Typical Applications

Diverse data = diverse thematic areas, e.g.:

- Atmospheric Monitoring (air quality and atmospheric composition)
- Marine Environment Monitoring (marine safety, sustainable fisheries, sea surface temperature)
- Land Monitoring (Land-use, precision agriculture, cultural heritage)
- Climate and weather monitoring
- Emergency (Mapping of floods, search and rescue)





Funded Thematic Areas 2018

- Data fusion and hydrodynamical modelling of the Maltese coastal areas.
- Developing crop
 patterns to optimise
 agricultural processes.

 Detection of Chlorophyll and Total Suspended

Matter around Malta.

- Cultural Heritage.
- Air quality monitoring and weather prediction.

2020

- Monitoring of Land Change in Coastal Areas
- Detection of water usage in agricultural processes.

Visit our website for more information about the projects.



Stage 2: Evaluation

	Stream 1	Stream 2
	Technology Concept Research	Applied Technology Development
	(TRL 1 to 4)	(TRL 5+)
Beneficiary (sole or consortium)	It is recommended that the beneficiary or consortium includes at least one research or knowledge dissemination organisation .	The beneficiary or consortium preferably includes an end user of the technology under development. Furthermore, it is recommended that the beneficiary or consortium includes at least one industrial entity .
Research Prospects and Impacts	Prospects of the proposal have a medium importance . It is recommended that the proposal makes reference to an eventual case study or end-user of the research being proposed.	Prospects of the proposal have a high importance under this stream. A credible route to commercialisation which promises a saleable product rooted in the needs of the end user is important.



Content Evaluation Criteria

Excellence, Impact and Implementation

	Stream 1 Technology Concept Research (TRL 1 to 4)	Stream 2 Applied Technology Development (TRL 5+)
Excellence	40%	25%
Impact	30%	45%
Implementation	30%	30%
Total	100%	100%

The criteria is the same for both streams

















Thanks for listening

More information can be found here:

https://mcst.gov.mt/space-directorate/space-research-fund/

Any queries do not hesitate to contact:

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