

Unlocking ESA Commercialization: Strategic Opportunities for Finland and Beyond

Space Business Forum Webinar Series

07 - NOV - 2025

ESA Commercialisation Gateway
commercialisation.esa.int

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Commercialisation Officer, European Space Agency
HE Space

The global context for space is shifting

Space sector is undergoing a profound & accelerating transformation

- Space for defence & security**
Secure comms, systems resilience, navigation solutions
- Growing public investment**
New players and rapidly increasing public budgets
- Economic potential**
Space-based services central to modern life. Towards \$1.8 trillion by 2035 with 9% average growth rate
- Rise of New Space**
Private investment and innovation, public-private partnerships, new business models



→ ESA needs to act to ensure the competitiveness of the European Space Industry

Current Challenges of Industry

Global competition

Increasing amount of competitors

Fragmented markets

Commercial customers

Institutional customers

Risk culture

New Space dynamics

Customer focus

Speed

Profitability

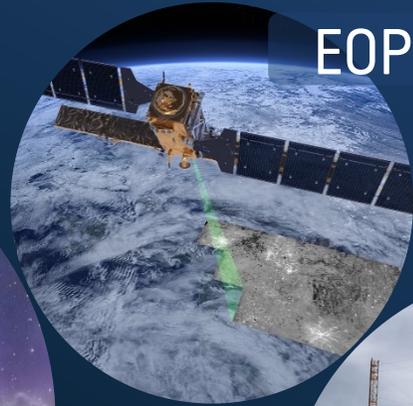
Macroeconomic conditions

Financial pressure

This is ESA



SCI



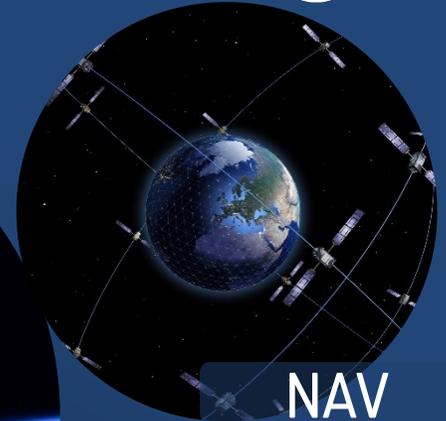
EOP



STS



HRE



NAV



OPS



CSC



CIC



SLE &
RES



TEC



ESA Tec Development & Commercialisation Programmes



	Boost!	Space Transportation	
	NAVISP	Navigation, PNT	
	GSTP	Technology Development (Manufacturing, Quantum, Propulsion etc.)	
	InCubed	Earth Observation	
ARTES Core Competitiveness		Telecom	
Cosmic Competitiveness		Space debris Operations Space Weather	
BSGN for Exploration		Microgravity Human space flight Exploration	
	CASE	Access to microgravity	} ACCESS
	BASS	Integrated Applications	
	ScaleUp	Commercial Accelerator	



Proposals sent by companies



Zero-equity co-funding from ESA



Guidance from ESA as a Partner





Component 1



PHI-LAB NET

10

Phi-Labs

Thematic Approach

Bridging the Gap between
Groundbreaking R&D and
Commercialisation

[TRL 2-3]

€200K – €500K

Component 2



BUSINESS INCUBATORS

32

Centres

100+

Locations

230+

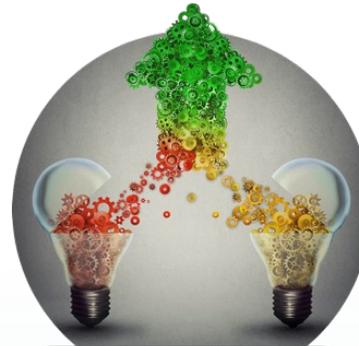
New Start-Ups p.a.

2000+

Start-Ups supported

€50K – €90K

Component 3



TECHNOLOGY BROKERS

13

Technology Broker

450+

Technology Transfers

Spark Funding
Prepare for Space
IP for Commercialisation

Component 4



BUSINESS ACCELERATOR

1st Accelerator Launched
in Germany

Providing the know-how
of going from a start-up
to a scale-up

[TRL 7-9]

Component 5



MARKETPLACE

Building your Commercial
Pipeline

Remain Competitive on
the global market

[TRL 7-9]

ESA BIC Network: Socioeconomic Impact (2020-2024)*



1,30+ bn€
PRIVATE
INVESTMENTS
[2020-2024]



600+
PATENTS
GRANTED
[2020-2024]



240+ m€
OF REVENUE
[2023]



5000+
FULL-TIME
JOBS
[2024]



9,1/10
SATISFACTION
RATE
[2023]

The ESA BIC programme continues to have a very high socio-economic impact in Europe



ESA Partnership Initiative for Commercialisation (EPIC)



BENEFITS FOR PARTNERS

Future collaborators, customers, latest insights

SERVICES FOR PARTNERS

Access to European start-up portfolio, tailored matchmaking

BENEFITS FOR START-UPS

Preferential offers on products & services, customers

SERVICES FOR START-UPS

Business and technical support, networking, C-level mentoring

12
PARTNERS



2000+
START-UPS



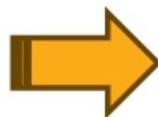
ESA Marketplace – A Successful Start

Europe's New Space Leaders are supported to:

- Acquire new customers from around the world
- Accelerate time to market for commercial cutting edge products and services
- Enhance visibility on global market

! No technical support
! No overlap with existing ESA programmes

17 Contracts
€16M ESA co-funding



78% Funding committed
€33M Enabled Deal flow for European Industry

The **ESA Marketplace** Companies across **7** Participating States: AT, BE, CH, DE, FI, GB, LU



EUROPEAN COMMISSION
& EUSPA & EIC

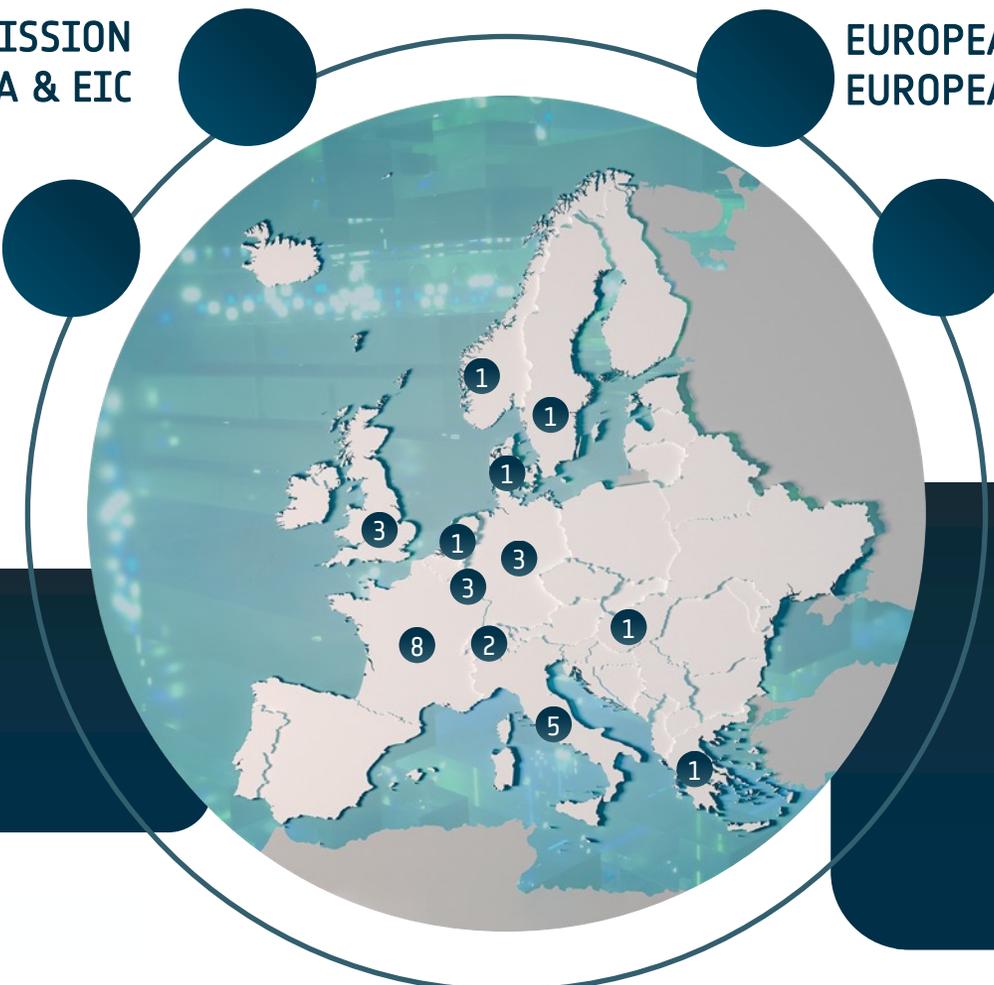
EUROPEAN INVESTMENT FUND &
EUROPEAN INVESTMENT BANK

INVESTORS

Venture Capital,
Private Equity,
Institutional
investors

ACCELERATORS

Space founders, Seraphim,
TakeOff!, CDL Space, Starburst, CASSINI
Business Accelerator, ESA Business Accelerator



70+ MEMBERS OF THE
ESA INVESTOR NETWORK

- Technical and market advisory
- Investment opportunities
- Dedicated events with the ESA Commercialisation Networks
- Network for exploring new strategic initiatives

Please contact investor-network@esa.int

ESA PATENTS & LICENSE

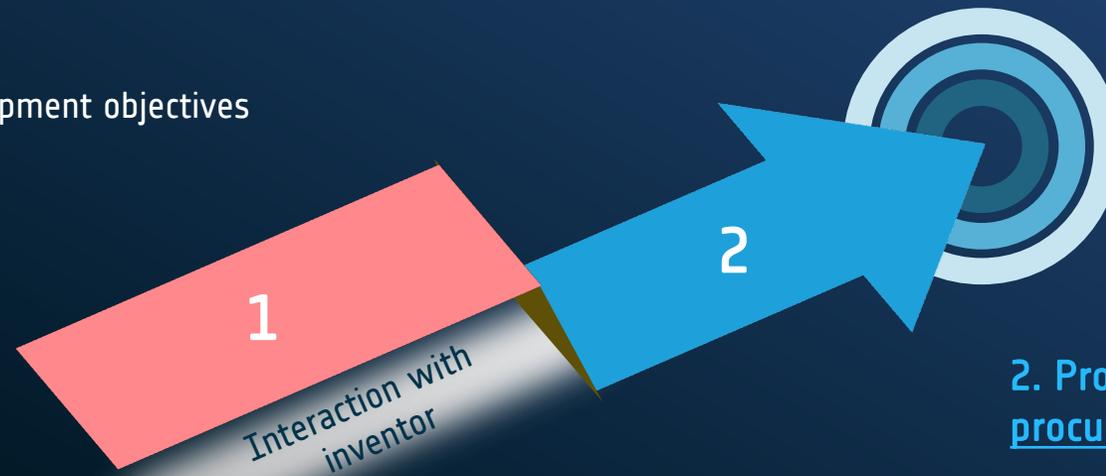


- ESA Patent Portfolio Management.
- IP Licensing.
- Maturation of ESA inventions, facilitating access to technical expertise.
- Patent landscaping

1. Idea Step - OSIP Open Channel:

Outline Proposal:

- Field of application.
- Technical benefits and development objectives (bulleted development plan).
- Commercial opportunity.



Open Space Innovation Platform - OSIP - Channel: [Open Discovery Ideas Channel \(esa.int\)](https://esa.int)

2. Proposal Step - competitive procurement through esa-star

Full Proposal:

- Commercial opportunity
 - Market opportunity
- Technical opportunity
 - Related R&D
 - Maturation strategy
- Technical and Commercial Workplan, expected results, MPP
- Deliverables

Funding: 50-175k€ for industry-driven proposals

Implementation: max 18 months

6 inventions proposed every 4 months

Open Source Software (OSS) is
computer software
recognised by the Open Source Initiative (OSI),
whose source code is made available under a copyright licence that allows users
to use, study, change, and improve the software,
and to redistribute it in a modified or unmodified form.



The European Space Software Repository (ESSR) is an ESA informational web portal created to promote reuse of Software - including Open Source Software (OSS) - and to provide all parties involved in the European Space software development (in particular SMEs) with access to results of previous investments.

Please [click here](#) to register and get full access to the ESSR.

Only a limited number of projects is visible to the non-registered users.

Registration is available for everyone residing in an ESA member state.



Business Applications And Space Solutions (BASS)

Partnerships with **non-space stakeholders** enable large-scale adoption and impact

Green
Societal
Economic



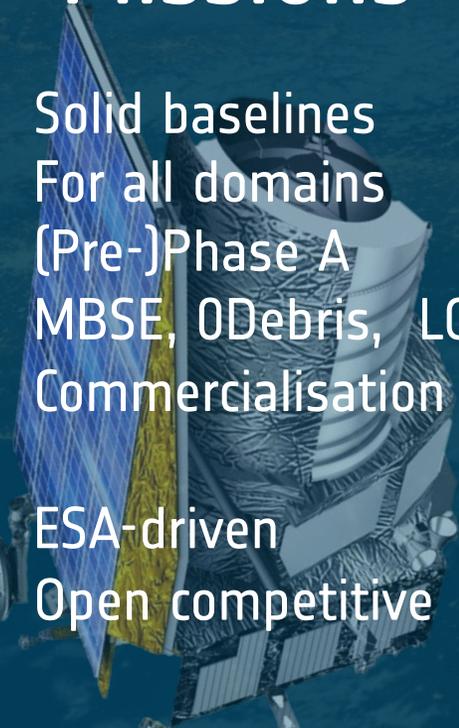
ESA Technology Development thanks to Discovery, Preparation, TDE & GSTP

Disruptive Ideas

- Taking risks
- Low budget
- Fast and Open
- Novelty driven
- Commercialisation
- Research, studies and tech.dev.
- Outside driven (OSIP)
- Open competitive

Discovery

Future Missions

- 
- Solid baselines
 - For all domains
 - (Pre-)Phase A
 - MBSE, ODebris, LCA
 - Commercialisation
 - ESA-driven
 - Open competitive

Preparation

Technology Raising

- 
- Low TRL
 - All ESA applications
 - Enabling missions
 - 2yr work plans
 - ESA driven
 - Open competition

TDE

- Higher TRL
- Support Competitiveness
- Enabling missions
- WP and industry-driven proposals
- SME focus
- Delegation support
- 3 Elements & components

GSTP

Discovery Element

ESA's framework to **discover** and **explore** the disruptive **innovation** of tomorrow

- Via the **Open Space Innovation Platform (OSIP)**
- **External driven**: Reaching out for ideas from anybody
- **Lowest entrance barrier** to ESA
- **Fast, simple and transparent**
- Research, studies and early technology development



→ DISCOVERING TOMORROW'S INNOVATION

esa.int/discovery

ideas.esa.int

activities.esa.int

Discovery year in numbers:

~160 activities	100% Industry/Academia driven Open Competition	~18m€ contracts	~80% SME's, R&D inst. and academia
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Discovery Element – Implementation Schemes



Co-sponsored Research

50% co-funded up to 90k

PhDs, PostDocs

Study

100k

Feasibility studies, paper studies

Early Technology Development

175k

Hardware-in-the-loop, PoCs

Co-sponsored Research: Starweave: Sensing-enabled flame-resistant smart textiles for the next generation of space garments



Application area: Exploration

Prime Contractor: AGH University of Krakow Country: Poland

"ESA's funding has given me the freedom to explore ideas that wouldn't be possible with standard university funding. As a young researcher, it's an exciting opportunity to lead a project I care deeply about and push the boundaries of smart textiles for space." - Prof. Piotr Szewczyk, AGH University of Krakow

1 January 2025

1 January 2028

Study: Enhancing CubeSat Communication: A Study on Beam Steering Antenna Systems



Application area: Telecom

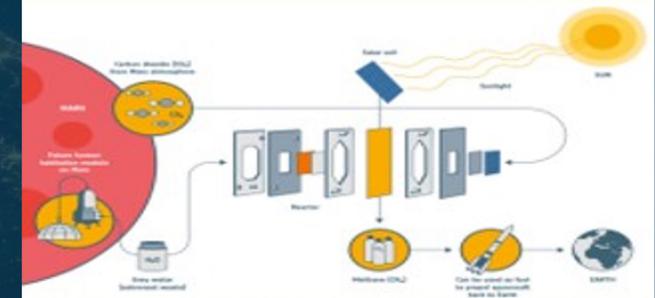
Prime Contractor: Silicon Austria Labs Country: Austria

"The support from ESA Discovery through OSIP has given us the resources to test bold ideas and move our research forward faster, opening doors to collaborate with experts and push our technology closer to real-world use." – Saeid Karamzadeh, Silicon Austria Labs GmbH

8 July 2024

8 March 2025

Early Technology Development: Photoelectrochemical system for CO2 reduction to produce fuels and sewage



Application area: Generic for multiple applications

Prime Contractor: Tekniker Country: Spain

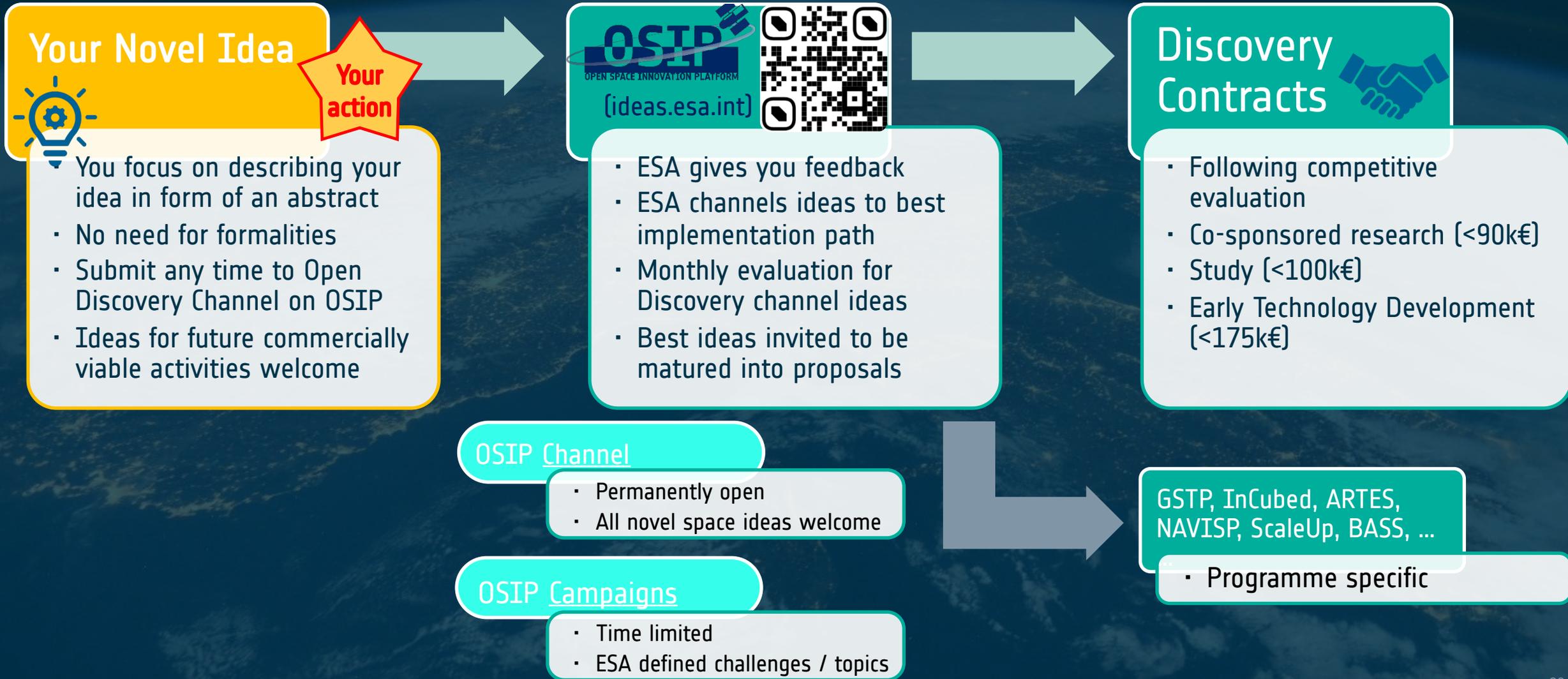
"This activity represents a significant leap forward in space exploration and sustainable carbon dioxide conversion technologies." – Elena Garcia, Tekniker's lead for the project

19 March 2023

19 September 2024



First steps for novel ideas – Discovery Element Process Steps



Preparation Element

ESA's framework for **preparing** and **enabling** future missions and programmes

- **Open competitive, parallel system studies** to establish robust trade-offs without geo-return constraints
- Across **all ESA activity domains**

Mission Def.

- ESA directorates
- CDF Studies



- Preparation Workplan
- ITT on esa-star



Pre-Phase A/Phase A activities

Preparation Contract

- Competitive; all ESA MS
- Parallel contracts

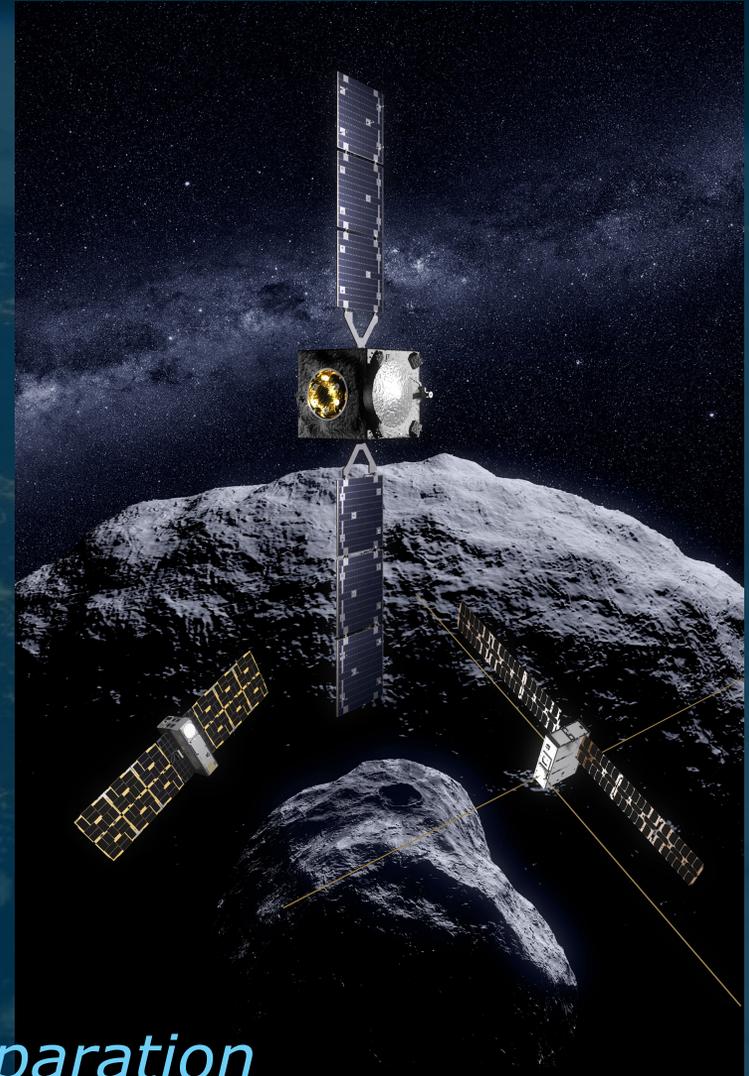
Industry proposed systems

- OSIP (e.g. SysNova)



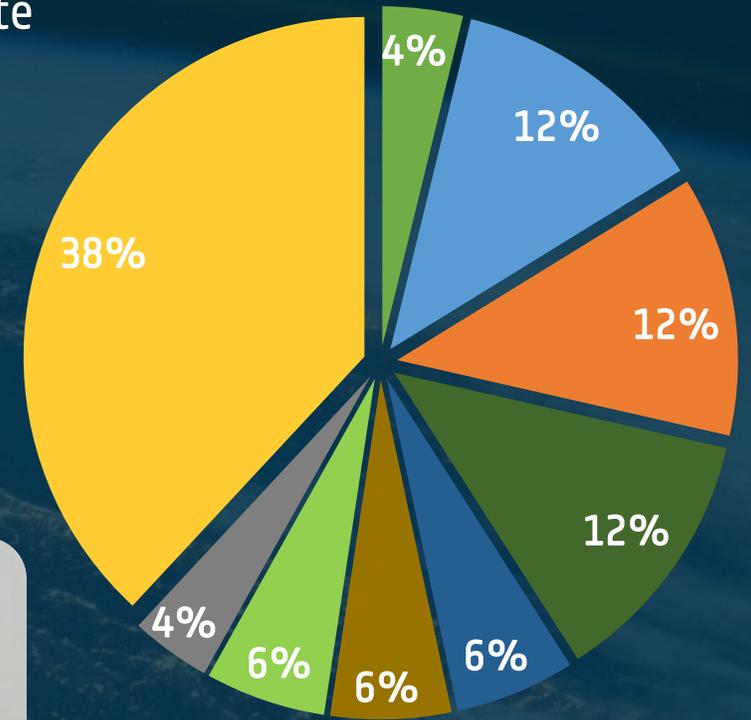
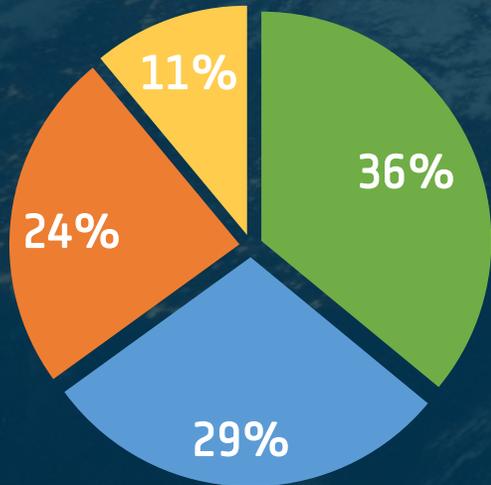
Commercialisation work package

<https://esa.int/preparation>



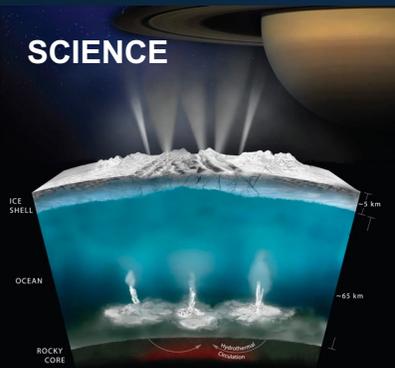
TDE overview

- Part of ESA's **Mandatory Basic Activities**, **All ESA Member States** contribute
- Covers **all applications and technology domains**
- First step for the implementation of **ESA Technology Strategy**
- Relies on **European Space Technology Harmonisation Roadmaps**
- Based on **2-year work plans**, with yearly updates, TRL 1 - 4
- **94%** of all activities in **open competition**
- Around 50% of the contracts are awarded to SME or R&D Institutes



- Excellence Centres, 4%
- Earth Observation, 12%
- Science, 12%
- Exploration, 12%
- Space Transportation, 6%
- Telecommunication, 6%
- Navigation, 6%
- Space Safety and Security, 4%
- Generic Technologies & Techniques, 38%

TDE WP 26-27 - Needs



- Primary Battery Systems
- Autonomous Landing
- Very Large Solar Arrays
- Electrical Propulsion (S/C Main engine)
- General Energy Reduction
- ...

EARTH OBSERVATION



- Lidar Technologies
- Microwave instruments (W and G-band)
- Quantum sensing (e.g. Quantum magnetometers)
- IR detectors, large scale antenna reflectors, digital beamforming
- ...



EXPLORATION

- Propulsive transfer
- Power communications and navigation
- Precise heavy landing
- Night survival on Moon
- Initiation of Nuclear capabilities' value chain
- ...



SPACE SAFETY

- Reentry Impact
- CIS Lunar monitoring system
- Compact medium energy particle sensor
- Satellite resilience to collision
- ...



TELECOMMUNICATION

- Wavelength Agnostic RF Technology
- Digital and Secure Processing, Cloud & AI
- Optical and Quantum Technology
- Smart Antennas
- Disruptive Satellite Platforms
- Industrialisation Technology
- ...



NAVIGATION

- Absolute and relative positioning in deep space
- Robotics navigation, Proximity operation and Rendez-vous,
- Formation Flying
- Propagation models for new bands (UHF, C, Ku/Ka)
- Optical Sensor / detectors for PNT
- Chip-scale and quantum-based sensor
- ...



SPACE TRANSPORTATION

- Fully reusable heavy-lift launchers
- Fuel depot
- In-space transport tugs
- In-space servicing
- Thermal protection for re-entry
- ...

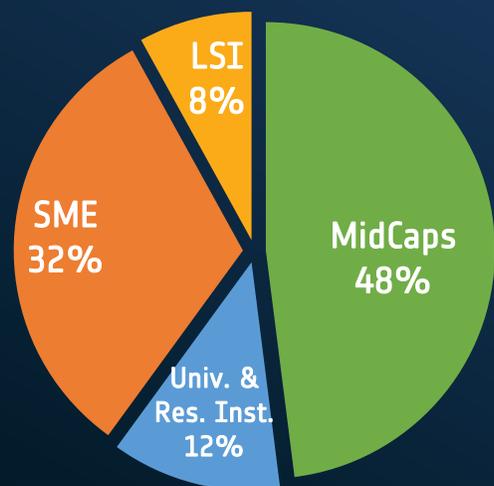
GENERIC



- Critical Technology for autonomy
- Sustainable Space
- Mid-size LEO Satellites Indus. & Compet
- Vision 2040



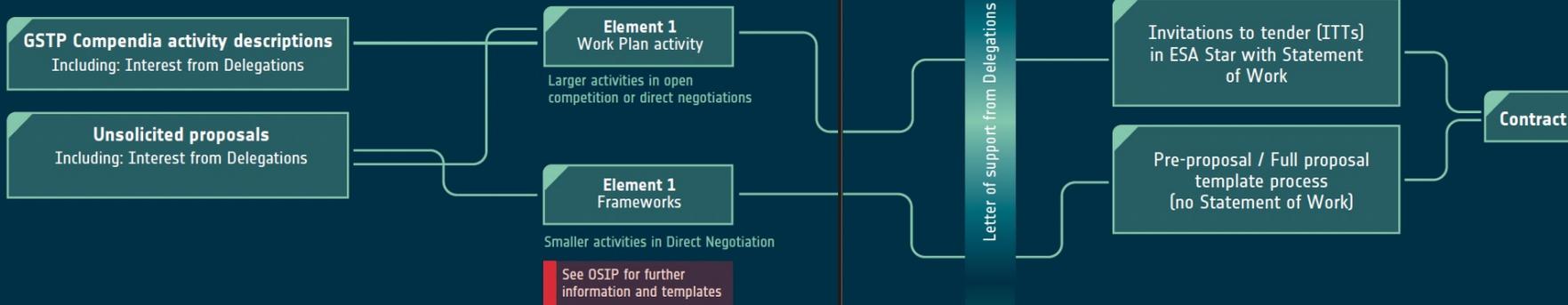
Overall GSTP actors



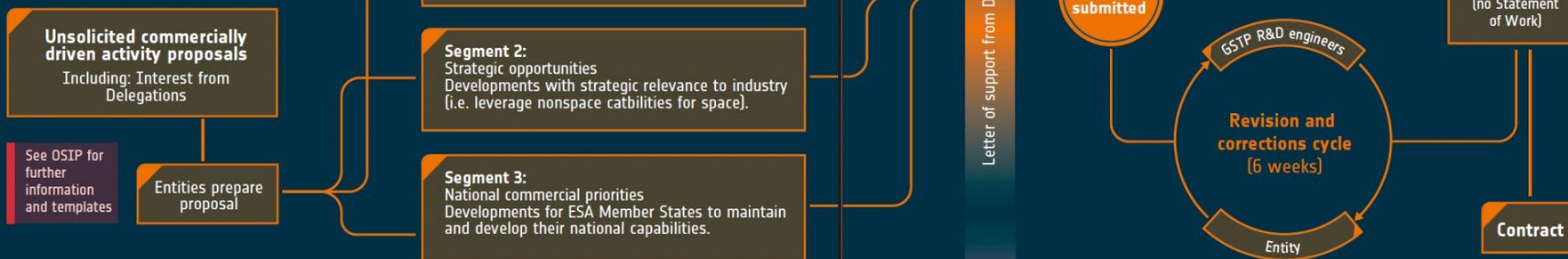
GSTP's mission

- For more **than 30 years**, the GSTP has been developing leading-edge space technologies to
 - enable future missions
 - support the competitiveness of European industry
- GSTP allows companies of all sizes as well as research and academic organisations to perform technology developments and demonstrations
 - building capacities,
 - fostering innovation and
 - creating and improving products and services
- GSTP is an optional ESA programme with the participation of all ESA Member, Associate and Co-operating States: **27 Participating States**

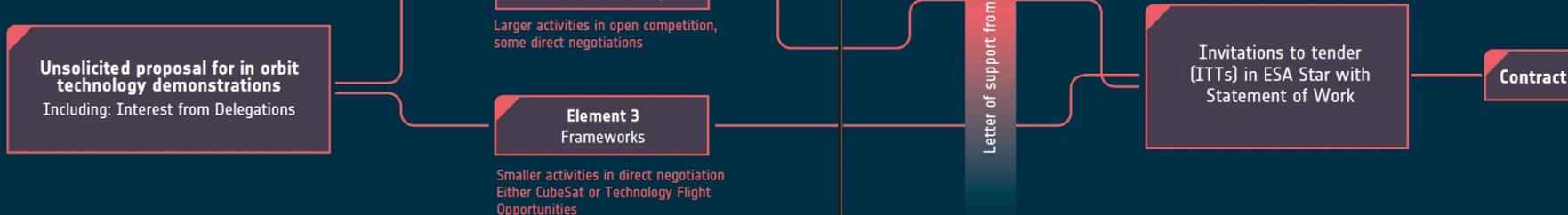
ELEMENT 1 DEVELOP



ELEMENT 2 MAKE



ELEMENT 3 FLY



GSTP ELEMENT PROCESS

Project Timeline

9 – 18 M

Min ESA Funding

€200k

Max ESA Funding

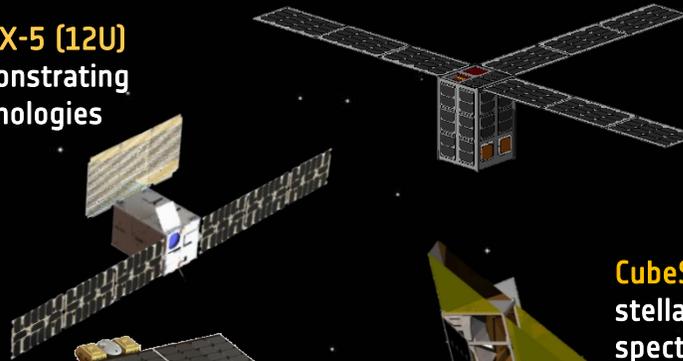
Few Millions

Avg ESA Funding

±€700k

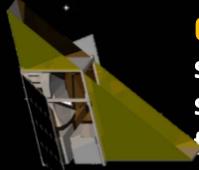
Definition
Implementation
Launched

GOMX-5 (12U)
demonstrating
technologies



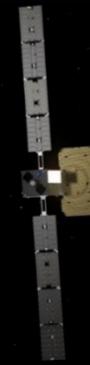
GENA-OT (12U)
demonstrating
commercial
IOD/IOV
services

CubeSpec (6U)
stellar
spectroscopy
from space

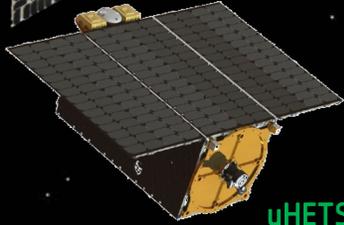


AOS-P and AOS-D
Precursor and
Demonstrator for
Arctic Ocean
Surveillance

M-ARGO (12U)
demonstrating
asteroid rendezvous
and identifying in-
situ resources



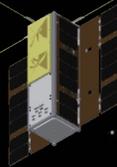
uHETSat
electric
propulsion



e.Inspector (12U)
demonstrating
debris inspection



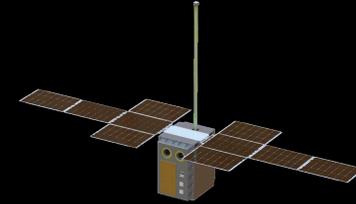
PRETTY (3U)
demonstrating GNSS
reflectometry



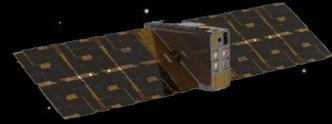
SROC (12U)
demonstrating
close inspection
(Space Rider)



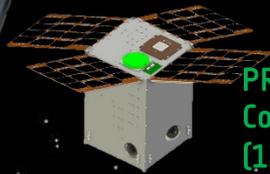
HENON (12U)
space weather
monitoring from
Distant
Retrograde Orbit



Juventas & Milani (2x6U)
observing asteroid
deflection assessment
funded by S2P (Hera)



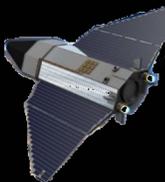
**PROBA-V
Companion (12U)**
Imaging
Vegetation



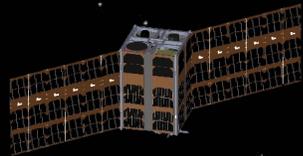
LUMIO
measuring lunar
surface impact
hazards



SkimSat (VLEO)
electric
propulsion



VULCAIN (2x12U)
formation flying
for stereoscopic
IR imaging of
volcanos



Resource & Opportunities

Doing Business with ESA

This portal provides access to the different ESA IT Corporate Applications for all economic operators doing business with, or intending to interact with, ESA. A click on the "Learn More...."

Announcements

- 26/01/2024 - esa-star – Important Announcement Planned Outages Notification: esa-...
- 26/01/2024 - esa-star – Important Announcement Planned Outages Notification: esa-...
- 27/11/2023 - esa-star v.3.11 – esa-star Tendering

Useful Links

+ 317 Contracts ?	+ 190 Tenders ?	+ 474 Entities ?	+ 850 Skills ?
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In the last quarter

See more...

Search...

esa-star Registration | **esa-star Tendering** | **esa-star Publication** | **esa-star esa-match**

Learn More... | Access | Learn More... | Access | Learn More... | Access | Learn More... | Access

ESA Tools : Open Space Innovation Platform



Useful links and contact points



- Registration of new companies.
- Invitations to tenders.
- News/Procurement related announcements: TDE WP, GSTP Compendia Publication.



- Channel and Campaign.
- Submission of outline proposals for GSTP.



ENABLING & SUPPORT

shaping the future

- TDE/GSTP information.
- TDE/GSTP achievements summary.
- Annual reports and highlights.



Nebula Public Library

The knowledge bank of ESA's R&D programmes

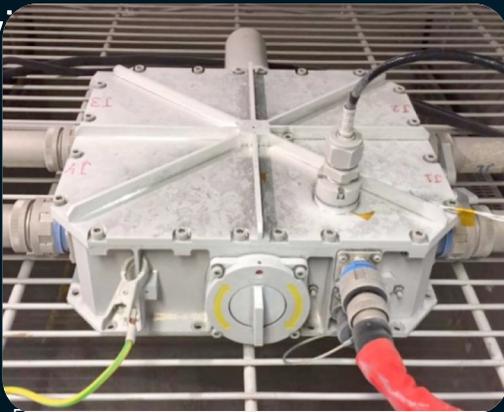
- Closed TDE and GSTP activities with public deliverables





GSTP Element 1 - Workplan

- Maturing technology from proof of concept to qualification
- ESA driven Technologies for space and ground segment payload, platform, ground equipment, engineering tools
- Activities drawn from the **Compendia (Open Competition (C))** or **continuation** of previous activities (**Direct Negotiation (DN)**)
- 100% funded but co-funding possible for DN activities.
- Letter of support from delegation required
- Inv...



**GSTP E1 Compendia
2026-2028 –
Published on esa-star!**





GSTP Element 1 - Workplan - Compendia

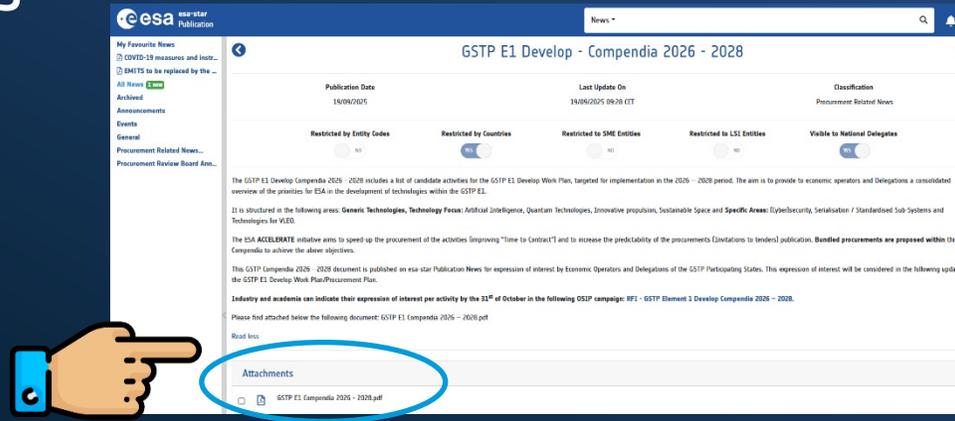


- ESA priorities for implementation in the short / medium timeframe
- 202 (~280M€) activities structured in 3 areas:

- Generic Technology Areas
- Technology Focus Areas
 - Artificial Intelligence
 - Quantum Technologies
 - Innovative propulsion
 - Sustainable Space
- Specific Areas:
 - (Cyber)security
 - Serialisation / Standardised Sub-Systems
 - Technologies for VLEO

→ Industry and academia can indicate expression of interest per activity

Published on esa-star:



OSIP Campaign:





GSTP Element 1 - Frameworks

De-Risk



Procurement using a template

- Max budget: 250k€
- Max duration: 9 months

Follow-on using a template

- No budget limit
- No duration limit
- ~ 35% de-risk are continued

~40 de-risk initiated / year

- > 200 de-risk so far
- ~ 35m€ overall budget

Building Blocks

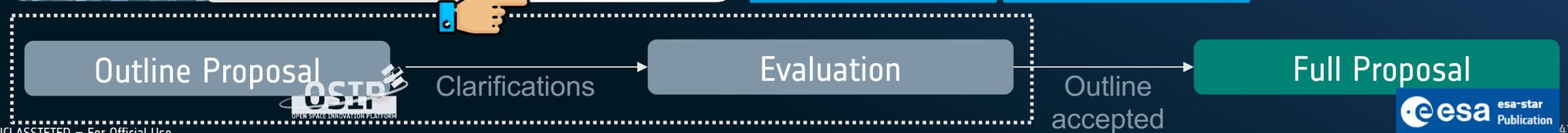


Procurement using a template

- Max budget: €1 M
- Max duration: 24 months

~20 activities initiated / year

- 100 activities so far
- ~ €43 M overall budget





GSTP Element 2



Announcement Of Opportunity

→ GSTP Element 2 is dedicated towards **industry driven co-funded activities** enabling the development of technologies and products for market competitiveness and sustainability.

→ Industry is invited to submit proposals addressing one of the 3 technology and product development segments:

- Market Oriented Opportunities,
- Strategic Opportunities and



25 - 30 activities committed per year (30m€ - 35m€)

Outline Proposal

of National Priorities
Clarifications

Evaluation

Outline accepted

Full Proposal





GSTP Element 3



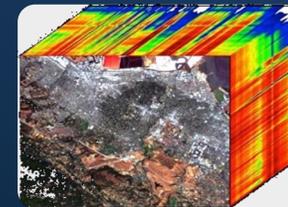
Facilitate Technology Demonstrations

The main objectives related to Element 3 are to:

- Ensure the successful implementation of the **Missions** and **In-Orbit Demonstrations** currently in preparation.
- Identify/prepare new mission/IOD opportunities.
- Expand and enhance the demonstration approach.

Opportunities cover:

- Demonstration of technology (e.g. platform units, Li-ion batteries).
- Demonstration of techniques (e.g. ADS-B, hyper-spectral, ...).
- First demonstrations of potential capabilities.



Workplan and Cubesat framework

ESA UNCLASSIFIED – For Official Use



Check Here:

<https://atpi.eventsair.com/navitec2026/>





NAVITEC 2026

12th ESA Workshop on Satellite Navigation Technologies
20-22 May 2026
ESA, ESTEC, Noordwijk

The European Space Agency (ESA) is pleased to announce the Call for Papers for
NAVITEC 2026: Resilient PNT in a Multi-Layered World

Topics

- PNT Systems Evolutions
- LEO-PNT & Multi-Layer PNT
- Resilient PNT: Jamming, Spoofing & Harsh Environments
- RF Monitoring & Geolocation
- Fused PNT & PNT with 5G/6G Networks
- PNT for Exploration: Moon, Mars & Beyond
- PNT Space Receivers
- GNSS Integrity, Precise Positioning, Authentication
- Receiver Technologies: Sensors, Antennas, AI, Quantum
- Earth Observation & Science with PNT Signals
- Mass-Market PNT & Commercial Applications

IEEE paper submission

Submitted IEEE papers that describe original contributions in the relevant field will undergo peer review. Abstracts of IEEE papers must be at least 1000 words long and are due by 31 October 2025, 23:59 CET. Authors will receive notification of acceptance by 21 November 2025. If an abstract is accepted, full IEEE papers for peer review must be submitted by 15 January 2026, 23:59 CET, and authors will be notified on acceptance by 15 March 2026. If a paper is accepted, the final IEEE paper must be submitted by 22 April 2026, 23:59. Accepted and presented papers will be published in IEEE Xplore. Both full and final IEEE papers should be between six and eight pages in length and submitted as pdf files formatted according to the IEEE two-column A4 format guideline. Detailed instructions for checking compliance will be provided on the conference website. Papers that are not accepted for IEEE publication may still be considered for presentation and publication in the conference proceedings as non-IEEE papers.



Registration

Registration will open in due course. Up-to-date information, including the registration fee and deadlines, will be available on <https://navitec.esa.int>

Non-IEEE abstract or paper submission

In addition to IEEE paper submission, authors may choose to present and publish their work exclusively in the conference proceedings. Such contributions will not be published in IEEE Xplore. For this option, authors must submit a single-column abstract of at least 800 words in length by 31 October 2025, 23:59 CET. Authors will receive notification of acceptance by 21 November 2025. If the abstract is accepted, the authors may submit a non-IEEE paper based on that abstract by 18 May, 2025. Non-IEEE papers do not undergo peer review. Accepted abstracts will be scheduled for oral presentation during the conference.

Important dates and deadlines

Abstract submission:	31 October 2025
Full IEEE paper submission:	15 January 2026
Final IEEE paper submission:	22 April 2026
Final non-IEEE paper submission:	18 May 2026
NAVITEC 2026 conference:	20-22 May 2026

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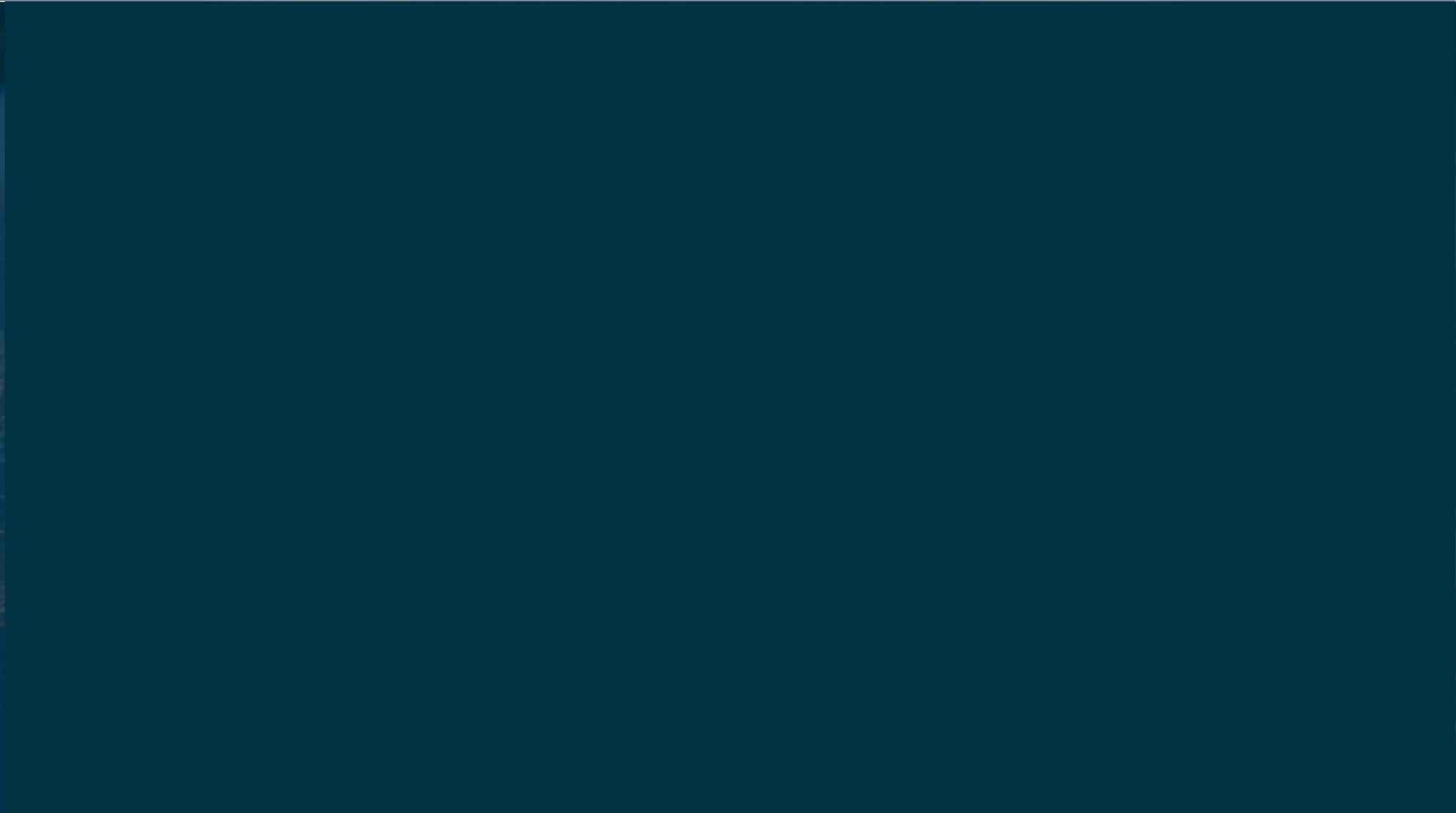
05 - 07 MAY 2026 ESA-ESRIN, FRASCATI (IT)

StatE026

SUBMIT YOUR ABSTRACT



ESA GDA Impact Sphere (<https://gda.esa.int/>)



IMPACT SPHERE

72 Supported countries, 52 Case Studies in progress, 95 IFI projects

CASE STUDIES SUPPORTING IFI PROCESSES

Implementation and support	95
Preparation	52
Identification	42
Completion and evaluation	10

FEATURED STORIES

- Could Earth Observation solve Dhaka's traffic nightmare? *Dhaka, Bangladesh*
- Tackling flood risks in South Sudan *South Sudan*
- A battle for land: how EO is protecting property rights in Ukraine *Ukraine*

PROGRAMME DASHBOARD

Detailed report dashboard on ESA GDA programme.

Impact stories, Case Studies

Select category



ABOUT ▾ CORE ACTIVITIES ▾ KNOWLEDGE & TOOLS ▾ IMPACT ▾ NEWS & EVENTS ▾

SEARCH

ESA GDA WEBINAR:

Introduction to the ESA GDA Knowledge Hub and Analytics & Processing Platform (APP)



Tuesday, 11 Nov 2025 14:00 - 15:00 CET

MONITORING AND EVALUATION

31 OCTOBER 2025

WEBINAR: Introduction to the GDA Knowledge Hub and Analytics & Processing Platform (APP)



The screenshot shows a webpage with a dark blue header. On the left is the GDA logo. The navigation menu includes 'ABOUT', 'CORE ACTIVITIES', 'KNOWLEDGE & TOOLS', 'IMPACT', and 'NEWS & EVENTS'. A search bar is on the right. The main content area features a large graphic of Earth with various icons representing sustainable development goals (e.g., wind turbines, buildings, trees, water). The title 'Impact Stories from Space Challenge' is prominently displayed. Below the graphic, there is a white box containing the following text:

ccc 17 OCTOBER 2025

Challenge: Show how EO data makes a difference

Uncategorized

ESA's Global Development Assistance (GDA) programme is launching the **Impact Stories from Space Challenge** to showcase how Earth Observation (EO) is turning strategy into action for sustainable development.

<https://gda.esa.int/2025/10/show-how-eo-data-makes-a-difference/>

ACCELERATE SPACE FOR A GREEN FUTURE

DRIVEN BY THE GREEN TRANSITION

To reach carbon neutrality by 2050, we must accelerate the use of space for a green future. As world leaders and nations race to accelerate climate action, ESA seeks to work with partners to deliver tangible and measurable contributions to society's decarbonisation journey.

This decade will be critical for the pace and severity of climate change – and for climate action, mitigation, and adaptation. Momentum is building for effective and targeted action to keep the goal of 1.5°C within reach, but action to cut emissions will require new monitoring capabilities and applications to enable this. Space can and must play a stronger role in leveraging existing solutions as well as delivering these new capabilities and applications.

SPACE FOR CLIMATE ACTION AND DECARBONISATION

With the window of opportunity closing, only fast action can still avert the worst damage. Doing so requires a quantum leap in our capacity to observe, understand and predict complex and inter-connected natural and human-made processes.

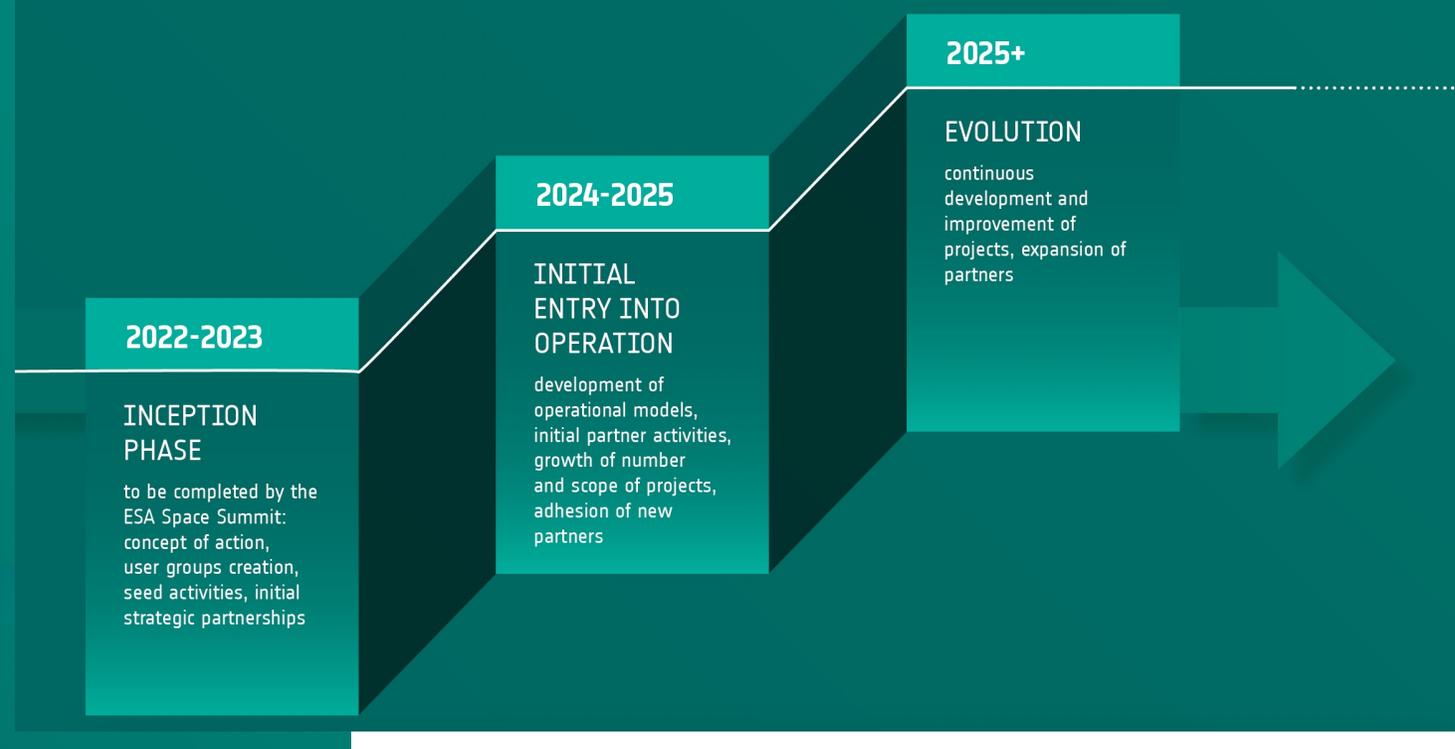
Space data has already proved instrumental in policy formulation and implementation, but space assets and technologies must be fully integrated into operational services to achieve their full socio-economic and strategic potential.

The rapidly falling cost of launch and of satellite construction, and the development of novel sensing technologies together with the rapid growth in processing power means there is no better time for space to play a bigger role.

SPACE SOLUTIONS FOR A NET-ZERO WORLD

Accelerating the use of space for a green future will create a myriad of sustainable and commercial solutions for a decarbonised, green economy. The “Space for a Green Future” accelerator will help greenhouse gas-generating industries – from energy and transport to smart cities and agriculture – to complete the green transition and put space at the heart of climate action.

A CLEAR TIMELINE TO MAKE THE ACCELERATOR FULLY OPERATIONAL BY 2025 INCLUDES:



GENERAL

- TENDER APPLICATION, esa-star Publication, <https://esastar-publication-ext.sso.esa.int/>
- Open Discover Ideas Channel, OSIP Platform, <https://ideas.esa.int>

COMMERCIALISATION

- [Call for Opportunities](https://commercialisation.esa.int/call-for-opportunities), <https://commercialisation.esa.int/call-for-opportunities>
- [Investors Network](https://commercialisation.esa.int/investor-network/), <https://commercialisation.esa.int/investor-network/>
- [Intellectual Property Management](https://commercialisation.esa.int/intellectual-property/), <https://commercialisation.esa.int/intellectual-property/>
- [ScaleUp Invest Marketplace](https://ideas.esa.int), OSIP Platform, <https://ideas.esa.int>
- [ScaleUp Invest Marketplace - IOD/IOV Turn-Key services](https://ideas.esa.int), OSIP Platform, <https://ideas.esa.int>
- [Business Applications and Space Solution \(BASS\)](https://business.esa.int/), <https://business.esa.int/>

EARTH OBSERVATION

- Incubed 2, [How to apply to InCubed Program](https://incubed.esa.int/how-to-apply/), <https://incubed.esa.int/how-to-apply/>

SPACE SAFETY PROGRAMME (S2)

- [COSMIC](https://ideas.esa.int), OSIP Platform, <https://ideas.esa.int>

EXPLORATION

- [BSGN and commercial mission support services](https://bsgn.esa.int/), <https://bsgn.esa.int/>

TECHNOLOGY

- [_GSTP Element 1 - De-Risk, Advanced Manufacturing & Quantum Technology Frameworks through OSIP platform](https://ideas.esa.int), <https://ideas.esa.int>

NAVIGATION

- [Navisp \(Element 2\) Third Phase](https://navisp.esa.int/), <https://navisp.esa.int/>

SPACE TRANSPORT

- [Boost! 2.0 \(Commercial Services; Support to MS; Service Procurement\)](#), OSIP Page

TELECOMS

- [ARTES 4.0 Programme](https://connectivity.esa.int/artes-40), <https://connectivity.esa.int/artes-40>

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50 YEARS OF
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