



EU SPACE

CASSINI Space Entrepreneurship Initiative 2021-2027

Supporting European New Space



CASSINI is the Commission's initiative to boost space entrepreneurship, tailored to the needs of Europe's New Space industry



New products and services:

- Space technology for new functionality and lower cost
- Digital services based on space data, information and services

New business models:

- Commercialisation of space

New financing schemes:

- Increasing role of venture capital funds
- Debt funding access requires customers & revenue

A closer cooperation between Commission, EIF, ESA, and EUSPA, and others

THE ROAD TO NEW SPACE

- Clear vision for European space businesses and markets
- New industry setup
- New entrants
- New private investment
- New markets
- New solutions

PROMOTION

CASSINI Hackathons & Mentoring

Started 2021

INNOVATION
COMPETITIONS
CASSINI Prizes

Starts 2022

BUSINESS GROWTH

CASSINI Business Accelerator

Starts 2022

INVESTMENT

CASSINI Seed and Growth Funding Facility (InvestEU)

Starts 2022

MATCHMAKING

CASSINI Matchmaking with Investors
CASSINI Industrial Partnering

Starts 2022

IOD/IOV

In-Orbit Demonstration and Validation

Starts 2022



Discover the CASSINI Hackathons

6 Hackathons (2021-2023)

60 Local Organisers

10 per edition

Hybrid

Local

European

Global Themes

You?

Why the CASSINI Hackathons?



Contributing toward solving important problems for society & industry



Fostering the next generation of entrepreneurs & problem solvers



Creating a truly a pan-European experience



Connecting industry with the EU Space ecosystem



CASSINI
Hackathons & Mentoring

**FOR STARTUPS,
INVESTORS AND LARGE
CORPORATIONS**



CASSINI Matchmaking will feature two tracks:

- **Investor matchmaking**
- **Industrial partnering**

Start in Q2 2022

Interested? Join the open call and register your company

<https://cassini.eu/matchmaking>

**FOR STARTUPS,
INVESTORS AND LARGE
CORPORATIONS**



YEAR 1 TOPICS

Infrastructure lifecycle support

Defending and securing from (and in) space

Space for human well-being, education and entertainment

Improving access to space

YEAR 2 TOPICS

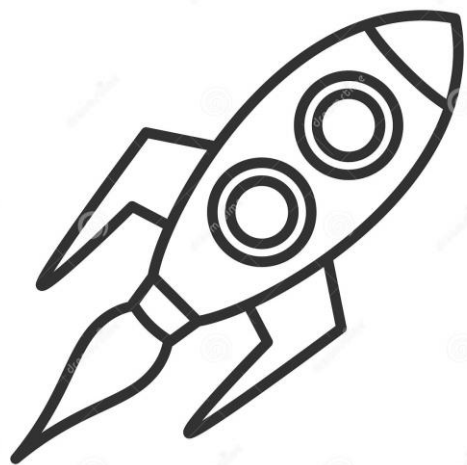
Smart logistics & transportation

Smart cities & urban mobility enabled by space solutions

Managing and protecting Earth's resources from space

Next-gen spacecraft systems manufacturing & operations

FOR FUND MANAGERS



CASSINI Seed and Growth Funding Facility

Objectives: €1 billion investment capacity or more, leveraging private capital, and attracting new VC funds in Europe to invest in space-related companies

Eligible fund types: Venture capital funds, private equity funds, and tech transfer funds

Eligible investment targets: Companies developing space technology (upstream) and digital services using space data (downstream).

When does the call open? Q1 2022.

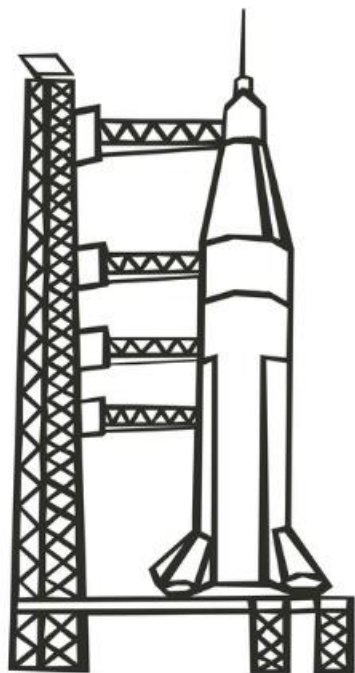
Interested? Fund managers can contact EIF:

https://www.eif.org/InvestEU/equity_products_calls/index.htm

EIF press releases: https://www.eif.org/news_centre/press_releases/index.htm

It's the final countdown

FOR ENTREPRENEURS



Startup and growth stage companies need equity investments to build a market presence and expand sales: Series A →

CASSINI Seed and Growth Funding Facility is launched in January 2022 and will add a total investment capacity of €1 billion. With EIF as our implementing partner, you will find a growing list of venture capital funds ready to invest in space ventures. Ticket sizes can be e.g. €1-50 million.

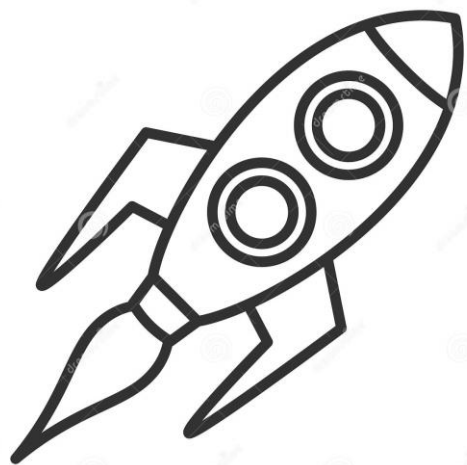
Interested?

The list of venture capital funds operating with an EU investment guarantee for space investments is found here:

https://ec.europa.eu/defence-industry-space/cassini-access-finance_en

Capacity building

FOR FUND MANAGERS



Commission, EIF, ESA and EUSPA jointly launch capacity building for fund managers with a space focus

To increase private investments in space companies, we need to attract more VC funds to actively search for suitable startups.

Our capacity building workshops aim at providing expertise, methodology and sources for assessing the value and growth rate of space markets, understanding customer and supplier relationships, business models and funding needs in the space sector.

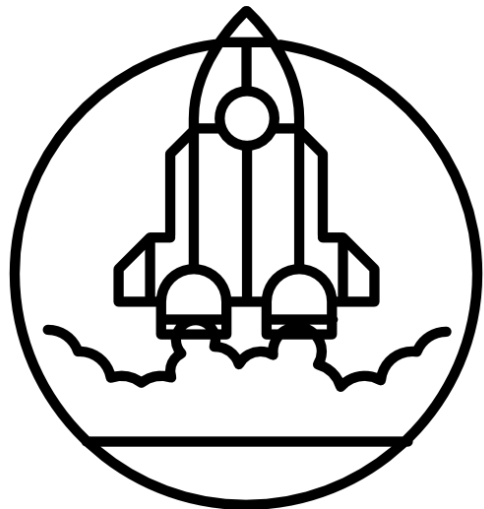
The themes of the five workshops (March-June 2022) will coincide with the CASSINI Matchmaking events taking place later in 2022.

Start in March 2022 – more info to follow:

https://ec.europa.eu/defence-industry-space/eu-space-policy/cassini-space-entrepreneurship-initiative_en

We've got liftoff

FOR ENTREPRENEURS



Access to **debt funding** is crucial for growth stage companies looking to expand production and sales.

InvestEU is launched in January 2022 and will provide EU guarantees to business loans from affiliated banks and national promotional banks. Ticket sizes can be e.g. €1-10 million.

Eligible targets: SMEs; and innovation & digitalisation projects.

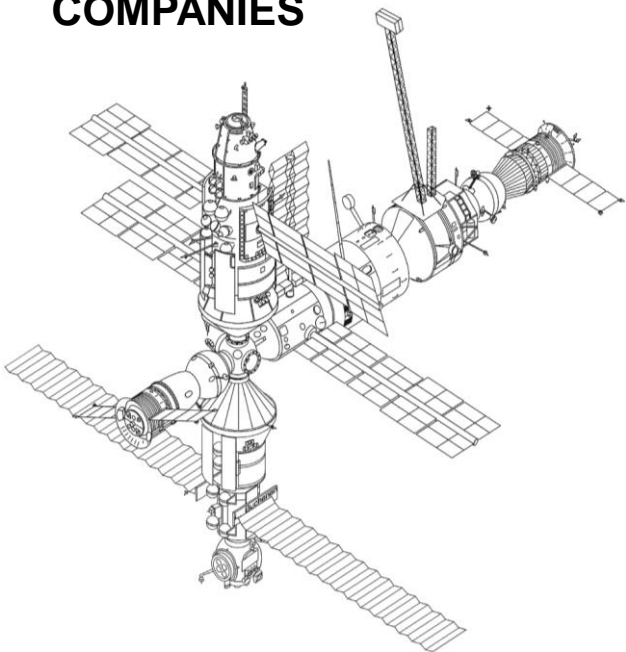
Interested?

The list of banks operating with an EU loan guarantee is here:

<https://europa.eu/youreurope/business/finance-funding/getting-funding/access-finance/search/en>

It's a giant structure now

FOR MID-CAPS AND LARGE COMPANIES



InvestEU provides EU loan guarantees to larger projects within R&D&I and sustainable infrastructure.

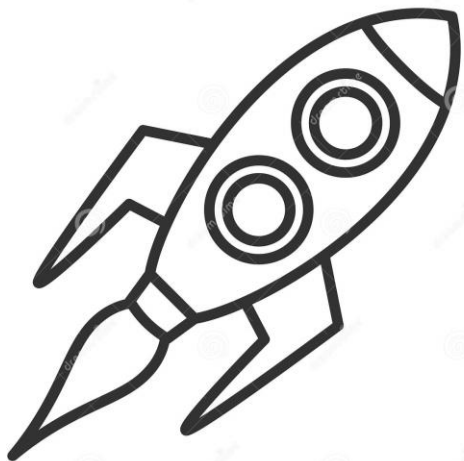
EIB is our implementing partner and the ticket sizes can be e.g. €10-75 million, suitable for fast-growing mid-caps.

Eligible type of projects: space technology, data processing and digital applications, space infrastructure, etc.

Interested? Info about EIB loans can be found here:

<https://www.eib.org/en/products/loans/private-sector.htm>

FOR HI TECH, DISRUPTIVE,
RISKY VENTURES (>TRL 6)



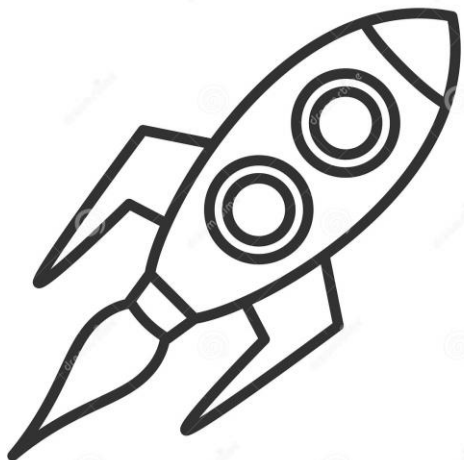
EIC Accelerator

Provides blending finance, i.e. **grants** up to €2,5 million and **equity investments** up to €15 million to a single company. Highly selective process due to many applicants. Disruptive technology with scalable market potential.

Interested? Apply for the next round:

https://eic.ec.europa.eu/eic-funding-opportunities/eic-accelerator_en

FOR HI TECH, INNOVATIVE
PROJECTS (TRL 1-6)



EIC Pathfinder and EIC Transition

Funding for consortia for highly innovative projects:

EIC Pathfinder: Grants up to €3m (open) or €4m (challenge driven) - to achieve proof of principle of breakthrough technology (TRL 1-4)

EIC Transition: Grants up to €2.5m - to validate and demonstrate technology in application-relevant environment (TRL 4 to 5/6) and develop market readiness

Interested? Apply for the next round:

https://eic.ec.europa.eu/eic-funding-opportunities_en

InnovFin Space Equity Pilot (4 VC funds)

COMPANY A – BY PRIMO SPACE

COMPANY B – BY ORBITAL VENTURES/PROMUS VENTURES

COMPANY C – BY VSQUARED VENTURES

COMPANY D – BY UNTERNEHMERTUM VC/UVC PARTNERS

EIC – grants and equity

D-ORBIT (2017) FOR DECOMMISSIONING DEVICE

SHARE MY SPACE (2021) FOR COLLISION AVOIDANCE

EIB Venture Debt

SPIRE GLOBAL (2020) €20M FOR NANOSATELLITE DEVELOPMENT

ENDUROSAT (2021) €10M FOR SOFTWARE NANOSATELLITE DEV.

D-ORBIT (2020) €15M FOR DECOMMISSIONING DEVICE

FOR COMPANIES



Not sure what funding is available to your company?

Search for suitable funding sources in your country, by region, by type of funding and by industry sector:

<https://europa.eu/youreurope/business/finance-funding/getting-funding/access-finance/search/en>