

MELiSSA Conference 2022

Commercialisation opportunities of 30 years of Melissa's research

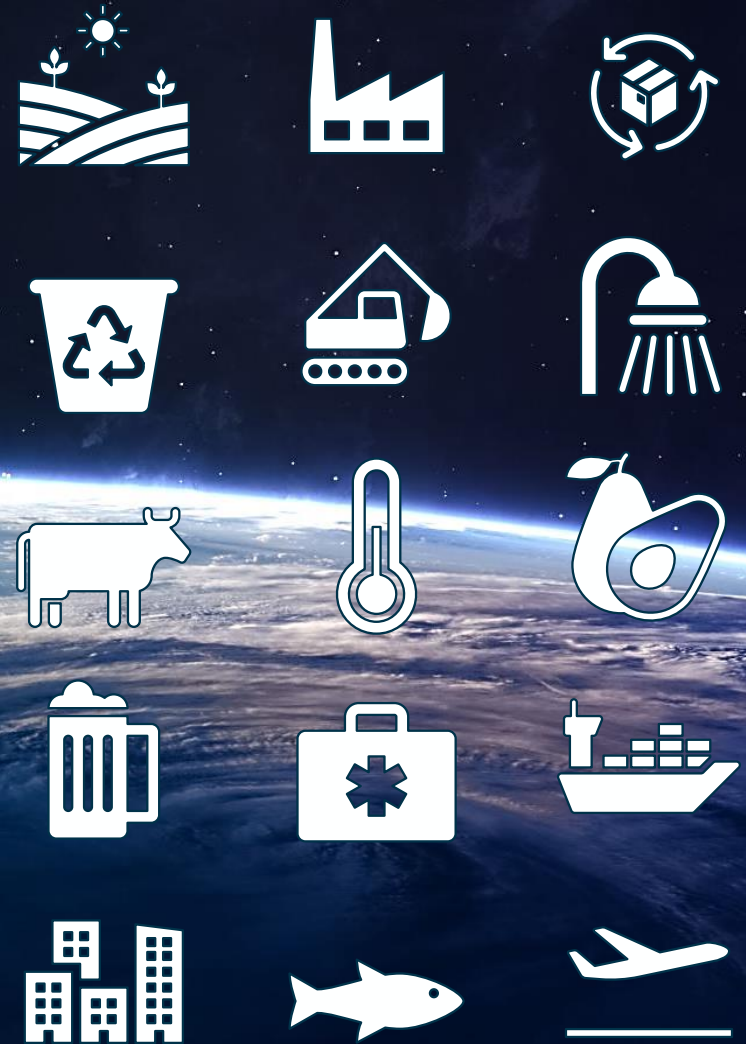


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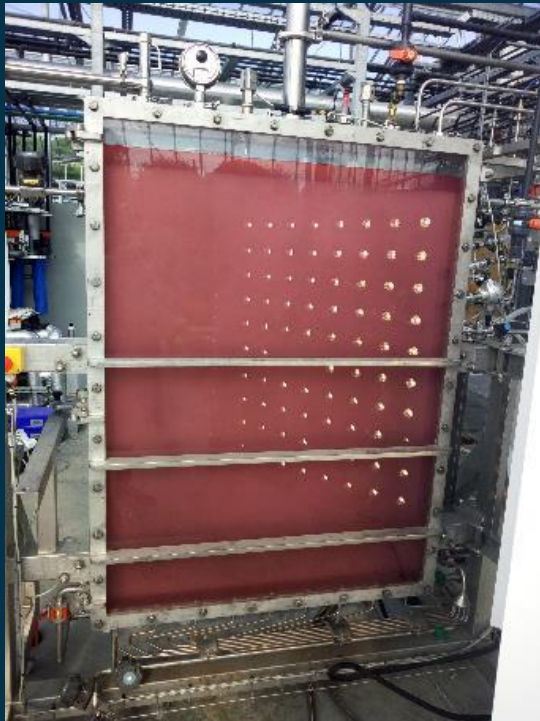
08/11/2022

TERRESTRIAL APPLICATIONS

fertilizer drought
 environment urine urban development
 regeneration technology recycling technology
 eco system analysis cellular agriculture fish farm nutrient
 water crop urban farming sensory technology
 food production alternative food source life sciences
 modelling water scarcity climate change system tool acceptance
 pharmaceutical water treatment air quality design agrofood
 analyzers protein co2 removal circular economy
 simulation vertical farming waste management
 biofuel biodegradable packaging insect farm medicine
 building architecture
 building toxicology



TERRESTRIAL APPLICATIONS



A NEW PROGRAMME TO LAUNCH YOUR IDEAS



Support and establish
commercial partnerships

Facilitate technology transfer
to create benefit on Earth

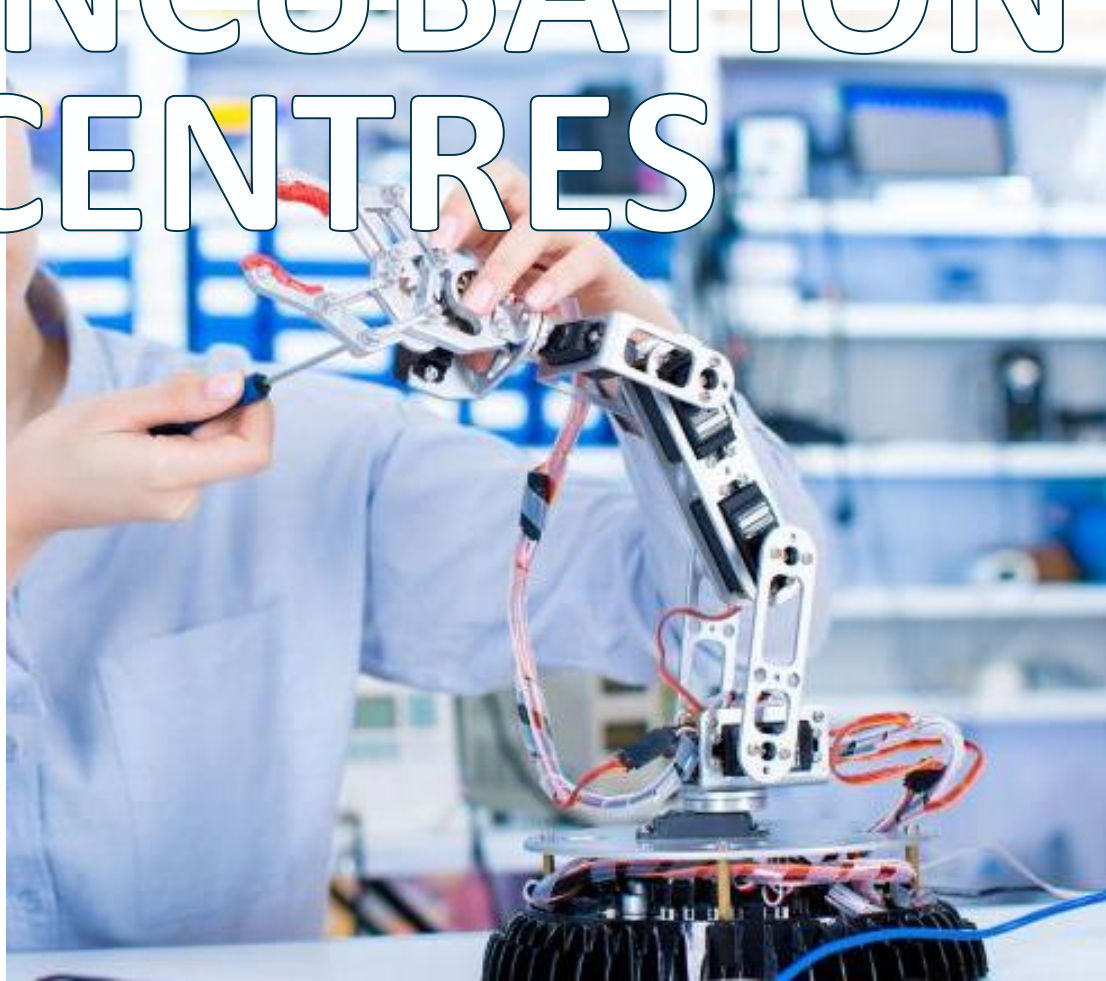
Nurture a collaborative
network

Support innovative and
disruptive projects as well as
start-up creation

Explore new markets



BUSINESS INCUBATION CENTRES



The largest network of space incubators in Europe
Accelerating commercial growth
Supporting entrepreneurs during the maturation
Pushing scale-up and growing the community of successful space related start-ups
Almost every ESA Member State

BUSINESS INCUBATION CENTRES

Exemplary offer from SBIC (NL)
As typical Support and Services offered by
an ESA BIC



Permanent Open Call for Application
Dedicated Deadlines for Selection

Credit: SBIC space business innovation centre Noordwijk



Technical support
Up to 80 hours of Technical Support (from the European Space Agency and/or partners)



Zero-equity funding
Up to € 50.000 Incentive Funding for product development & patents



Business support
Business development support and advice



Community
Access to the international ESA Space Solutions community and SBIC alumni network



Exclusive events
Exclusive access to (international) events



Investors
Door opener to international investors via EBAN



Training
Workshops, seminars and training courses



International exposure
Use the ESA BIC brand to boost your business

BUSINESS INCUBATION CENTRES



What fields of application are possible?

- Satellite navigation / mobile services
- Earth observation
- Mobility (road – sea – air)
- Satellite communication
- Agriculture
- Energy
- Robotics / Mechatronics
- Materials
- Environmental monitoring

Credit: SBIC space business innovation centre Noordwijk

BUSINESS INCUBATION CENTRES



Who can apply?

- You have an innovative (and validated) idea based on space technology or data
- Your company is not older than 5 years or needs to be founded yet
- You don't have a prototype or market introduction yet
- You are a citizen of an **ESA member state** and are resident in The Netherlands
- For non-ESA member state citizens: you have a working permit or startup visa, and are resident in The Netherlands
- You are willing to locate your company headquarters at the offices of **SBIC Noordwijk**

Credit: SBIC space business innovation centre Noordwijk

TECHNOLOGY TRANSFER



National Innovation Partners

- Technology scouting
- Funding to spark new demonstrators
- Brokering introductions to potential clients, matchmaking
- Business support and coaching
- Technical feasibility and market analysis
- Guidance and support on 3rd party funding

TECHNOLOGY SCOUTING



Technology scouting

All Innovation Partners (ESA Brokers) provide this service as part of the Innovation Support and Matchmaking

Verhaert (BE)

Cesah & EurA (DE)

Brimatech (AT)

Czech Academy of Science (CZ)

Creaction (LU)

Instituto Pedro Nunes (PT)

Absiskey Polska & Krakow Technology Park (PL)

SBIC (NL)

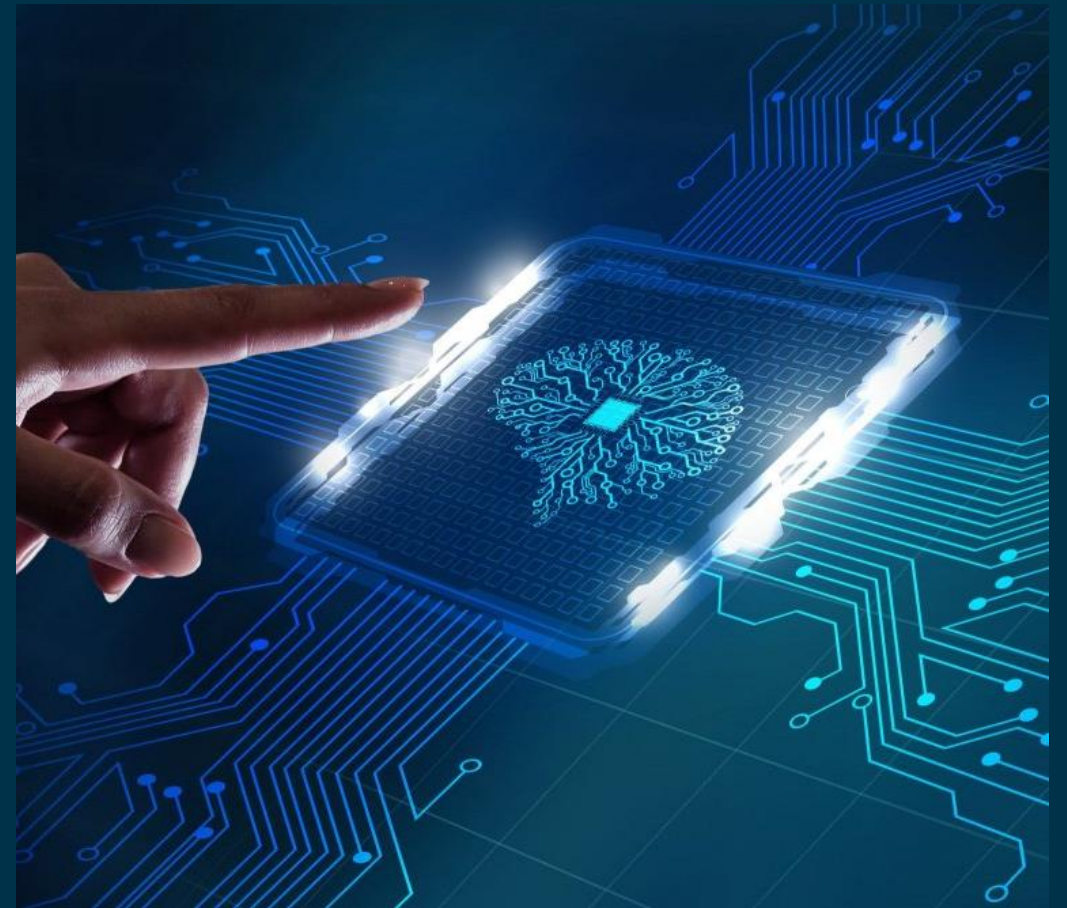
SPARK FUNDING



Funding to accelerate the product development process and refine the commercial roadmap

- Up to 80k€, 50-75% funded by ESA, depending on countries
- The technology or product need space heritage or provides benefits to space as ‘spin-in’
- A technology doner and receiver must work together, and evidence of interest must be conveyed in the proposal
- Short proposal, targeting 6 weeks from submission to kick-off
- Implemented by the Innovation Partners (brokers)

Φ-LAB NET



Accelerate the future of Space via transformative innovation
Generating commercial competitive advantage
Facilitating investment actions



2022 MELISSA CONFERENCE
8-9-10 NOVEMBER 2022

www.melissafoundation.org

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THANK YOU.

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European Space Agency

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SPONSORS





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PARTNERS

