



BUSINESS
INCUBATION
CENTRE

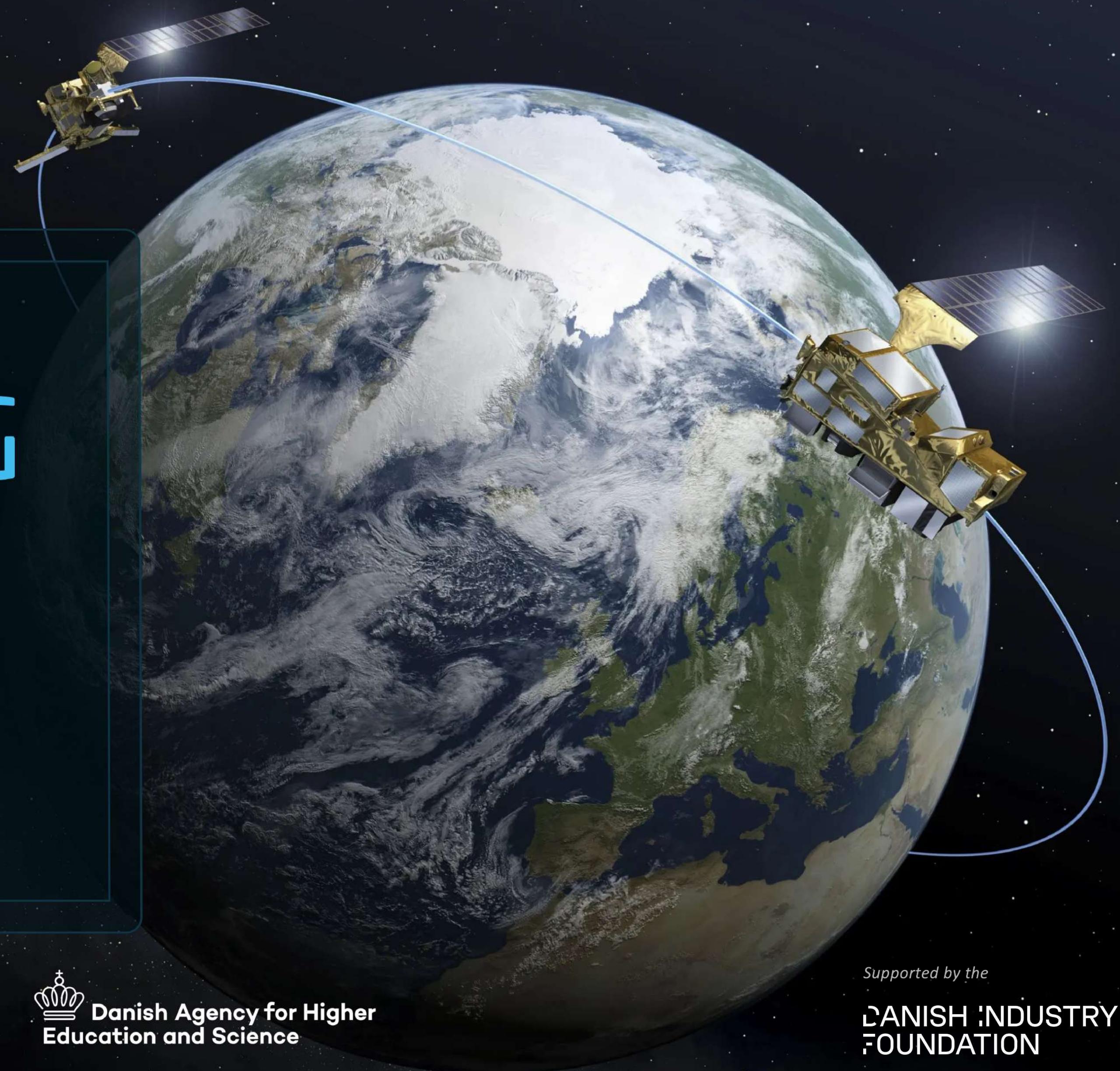
TECHNOLOGY
BROKER

Denmark

//INFO MEETING

PUBLIC FUNDING OPPORTUNITIES FOR SPACE

⌚ 12 JANUARY 11:00 TO 13.00 CET



Co-organized by:

SPACE VENTURES



Innovation Fund Denmark



Danish Agency for Higher
Education and Science

Supported by the

DANISH INDUSTRY
FOUNDATION

AGENDA

SPACEVENTURES DK

INNOVATION FUND DENMARK

INNOVATION FUND DENMARK

ESA TECHNOLOGY BROKER

ESA BUSINESS INCUBATION CENTRE

DANISH SPACE DIVISION

Welcome & Introduction – *Sune Nordentoft Lauritsen*

Introduction to Critical Technologies – *Anne Sofie Brahmsen Dahlmann*

Grand Solution and industrial research grants – *Børge Lindberg*

Funding opportunities for the industry – *Poul Zimmermann Nielsen*

Funding opportunity for startups – *Amanda Borup Pedersen*

Danish priorities in ESA programmes – *Cecilie Tornøe*





TECHNOLOGY
BROKER

Denmark



BUSINESS
INCUBATION
CENTRE

Denmark

Managed by

SPACE VENTURES 

A BRIEF INTRODUCTION

// SPEAKER



SUNE NORDENTOFT LAURITSEN

MANAGING DIRECTOR, DTU SPACE VENTURES



SPACE VENTURES DK IS A NATIONAL PROJECT IN COLLABORATION WITH THE EUROPEAN SPACE AGENCY, THE DANISH INDUSTRY FOUNDATION AND FOUR DANISH UNIVERSITIES. TOGETHER, WE AIM TO SUPPORT DANISH STARTUPS AND COMPANIES ON THEIR VENTURES INTO THE SPACE SECTOR.

PARTNERS



AARHUS UNIVERSITY



AALBORG
UNIVERSITY



University of
Southern Denmark

DANISH INDUSTRY
FOUNDATION



HOW WE MAKE DENMARK'S SPACE INDUSTRY COMPETITIVE



GLOBAL ESA CONFERENCE COMING TO COPENHAGEN: SPACE 4 INSPIRATION

DATES: September 1 – 2, 2026

LOCATION: Bella Centre, Copenhagen

FOCUS:

- Space commercialisation and innovation
- Networking between industry, agencies, investors, & startups
- A European and global-level gathering that fosters visionary projects, strategic partnerships, and the future of the commercial space ecosystem

TOPICS: The programme will feature a wide range of engaging topics, from Life & Health Beyond Earth and Commercialisation Beyond LEO to Advanced Materials & In-Space Manufacturing.



Image Credit: ESA - BSGN

A UNIQUE OPPORTUNITY TO SHOWCASE DANISH SPACE TECH TO A GLOBAL AUDIENCE

Last year, S4I welcomed high-calibre speakers and showcased a strong presence from both the European and international space ecosystem, including:

- **Private Sector Leaders:** Blue Origin, Axiom Space, Exploration Company, VAST, Thales Alenia Space, Telespazio, Redwire, Airbus Defence and Space, Orbit Fab, Air Liquide
- **Institutional and Agency Representation:** NASA, JAXA, UNOOSA, Singapore Space Agency, Medes, Brazilian Space Office, and multiple European space agencies
- **Start-ups and Innovation Networks:** Alatyr, YURI, Orbital Paradigm, Atmos Space Cargo, Space Forge, DCUBED, Rocket Factory Augsburg, Space Commerce Matters, Prometheus Life Technology



LET'S DIVE IN!



Innovation Fund Denmark

Investing in those who find the
solutions of the future

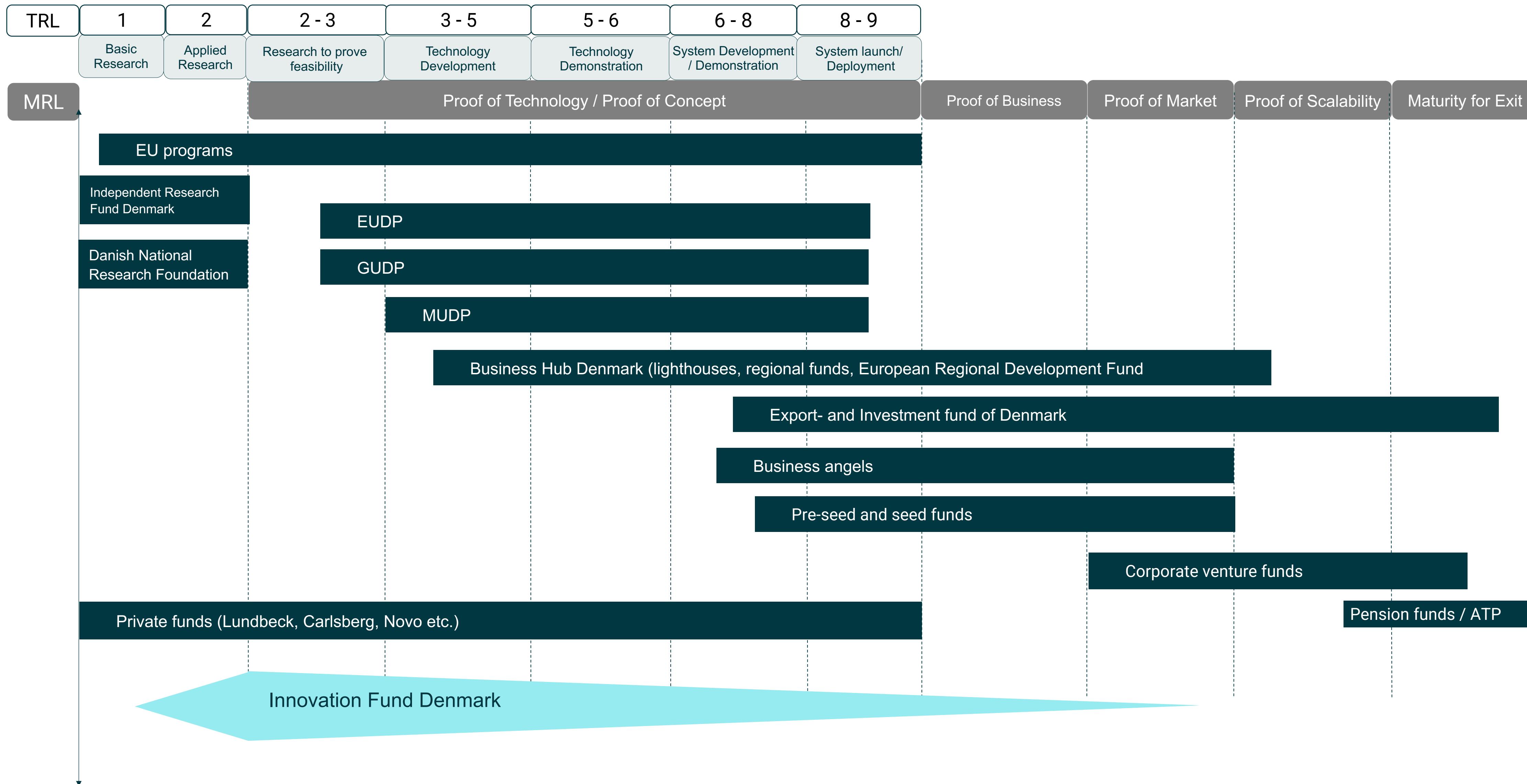


Investing in solutions for the future

We accelerate Danish research and innovation to find solutions that will strengthen competitiveness and sustainability in the Danish society.

– Through investments in knowledge-based partnerships, innovative projects and entrepreneurial ideas that will create value and jobs and solve societal challenges.





* This model is illustrative

Innovation Fund Denmark

7,4 bil.

DKK in active portfolio

2,3 bil.

DKK will be implemented in 2026

1.900

Active projects

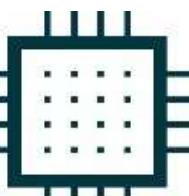
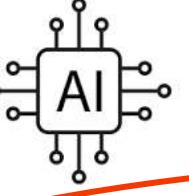
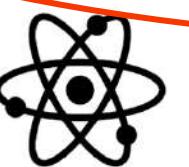
3.400

Applications yearly*

Politically determined themes

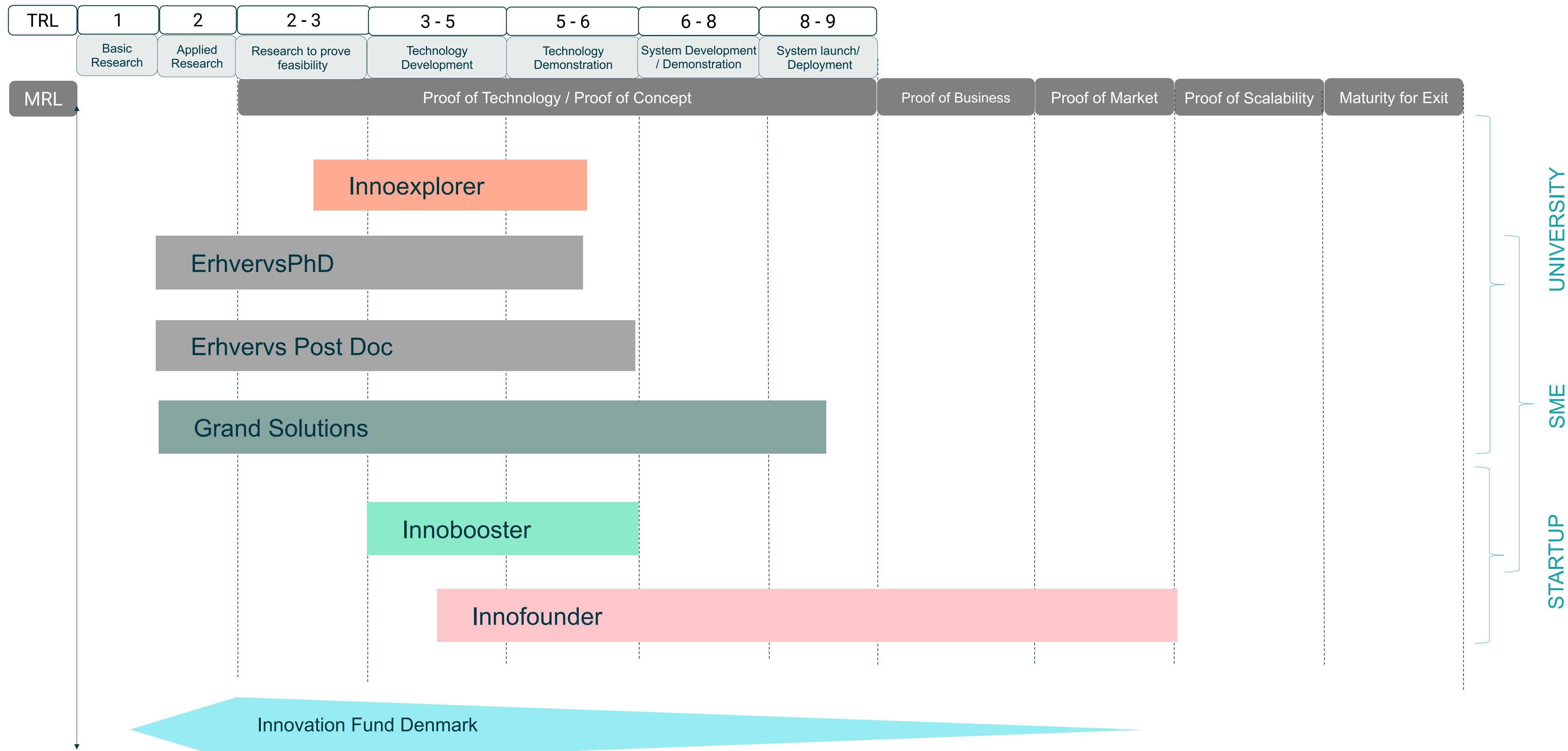
Based on the research reserve for 2026, the Innovation Fund will invest in research and innovation within green technologies, digitisation and technology, as well as welfare and health.

Test and demonstration projects within areas such as green space and quantum technology, as well as projects within the defence sector and cross-disciplinary global research, are expected to be launched later in 2026.

-  Green research, technology development and innovation
-  Biotechnology and biosolutions
-  Life science, health and welfare technology
-  Critical and digital technologies
-  Artificial Intelligence
-  Space technologies
-  Nuclear power
-  Quantum technology
-  Defence technology

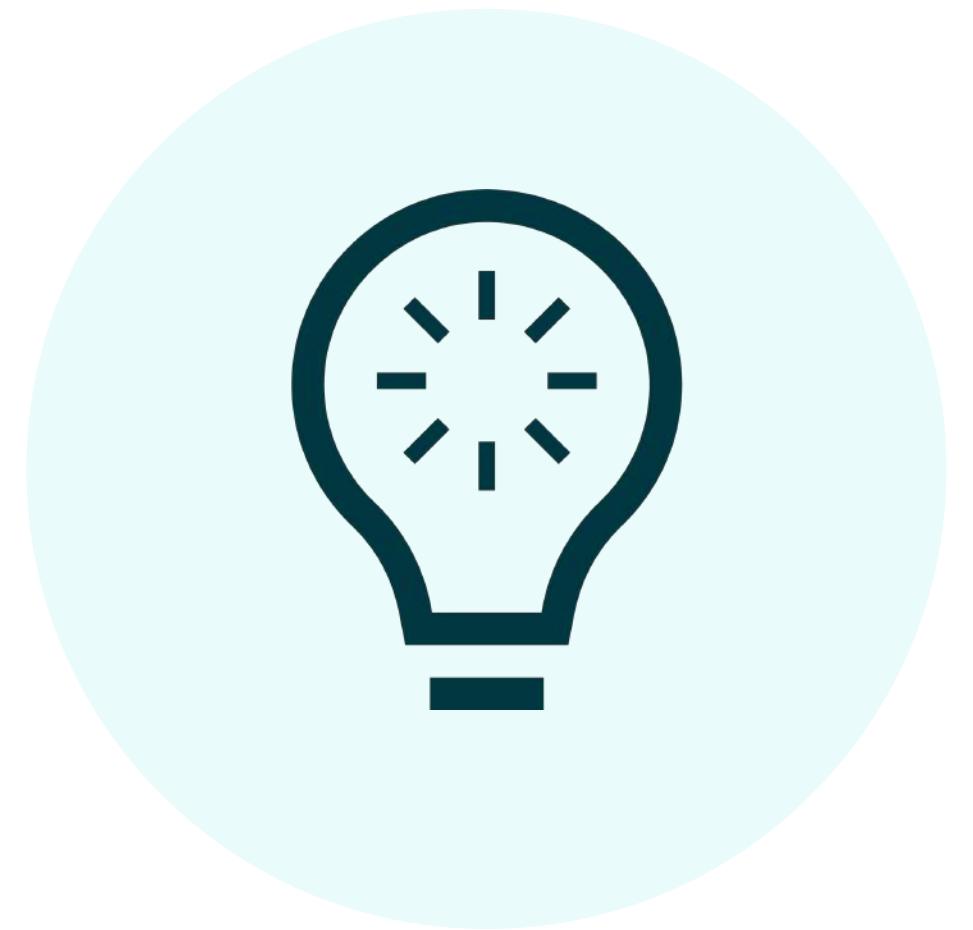
Programmes





General assessment criteria

1



Quality of the idea

2



Impact

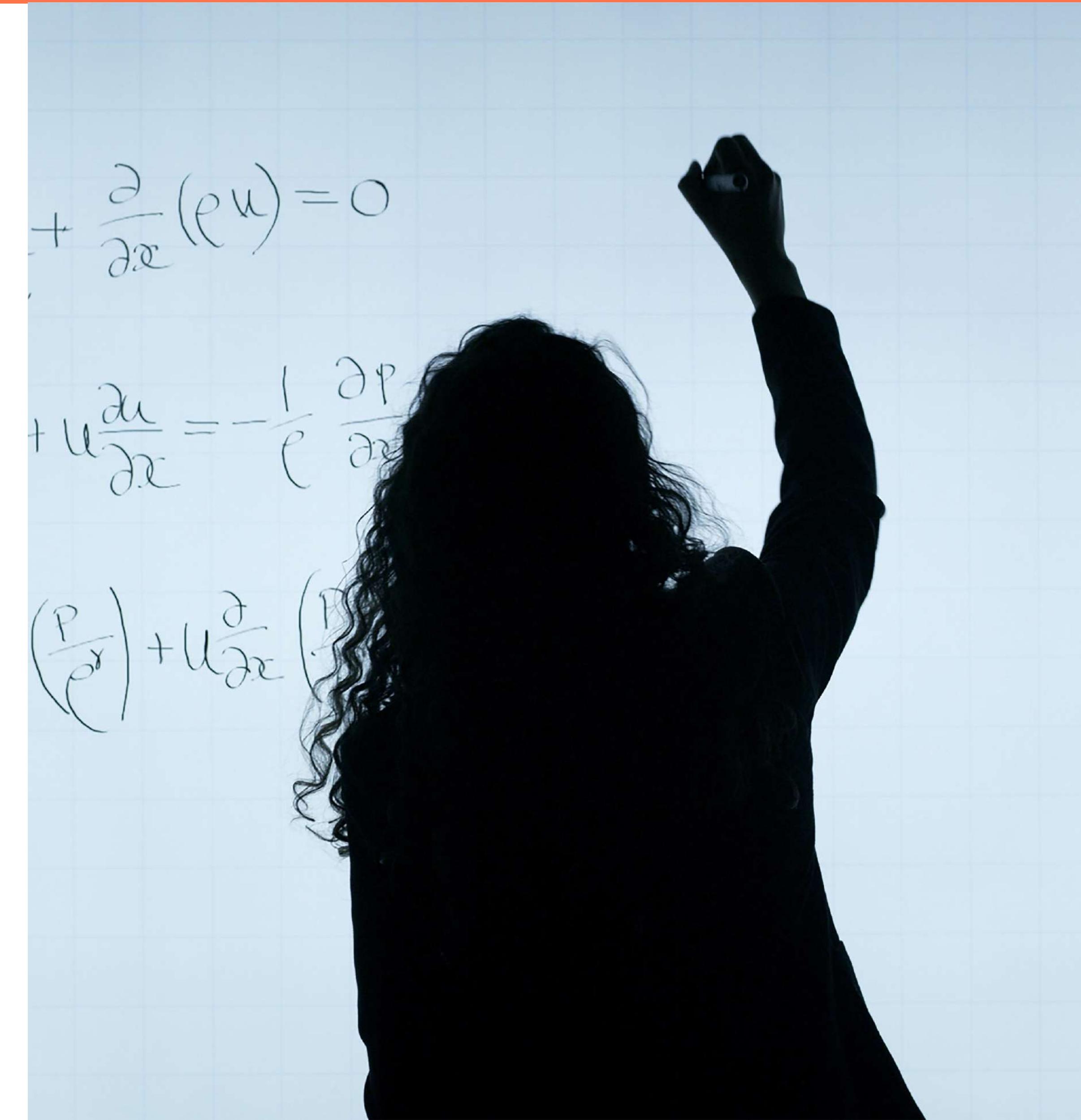
3

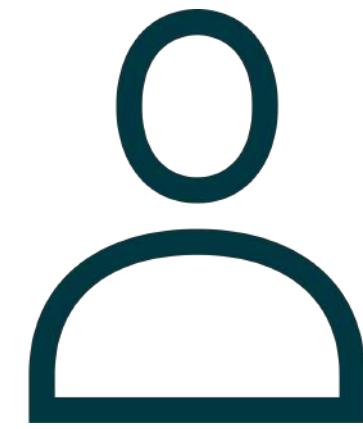


Quality of execution

INNOEXPLORER

The purpose of Innoexplorer is to mature entrepreneurship based on knowledge and research results from public Danish research and educational institutions and hospitals.





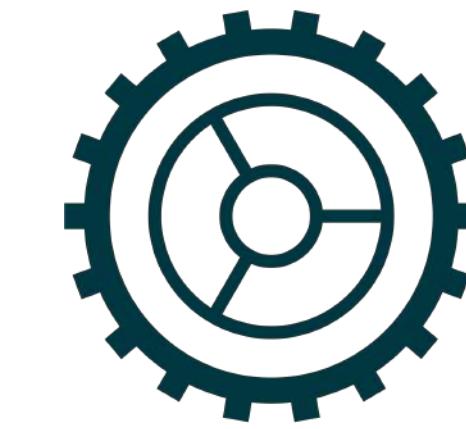
Who

- Innoexplorer is targeted employees at public research or educational institutions and hospitals.
- You can apply individually or as a team.



What

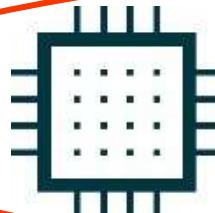
- Project investments between 500,000 to 1,500,000 DKK
- The project can take up to 12 months.
- Innoexplorer covers expenses for the employee's salary, fees for external actors, project related materials and overhead for the institution.



How

- 3 yearly calls.
- All applicants are invited to present their idea for the Innoexplorer expert panel

Themes 2026



Critical and digital technologies



Green technology and innovation



Life science, health and welfare technology



Non themed funding



Calls 2026

1. Application round

E-grant opens: 2. january
Deadline: 30. january
Pitch: Week 11-13

2. Application round

E-grant opens: 26. march
Deadline: 23. april
Pitch: Week 23-25

3. Application round

E-grant opens: 26. august
Deadline: 23. september
Pitch: week 45-47



Q&A Webinars

Torsdag 8. januar

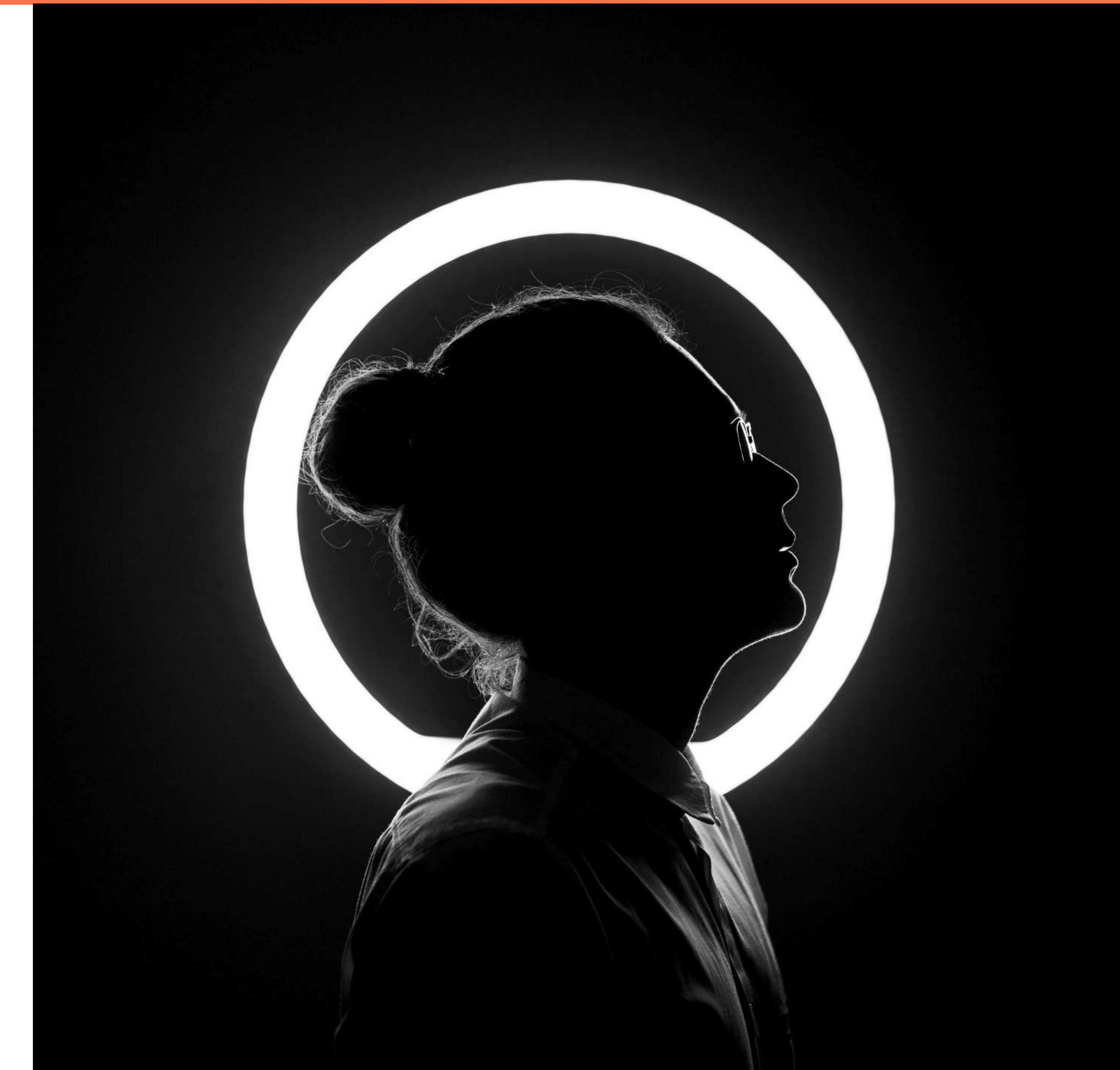
12.00 – 13.00

Torsdag 26. marts

12.00 – 13.00

Tirsdag 25. august

12.00 – 13.00

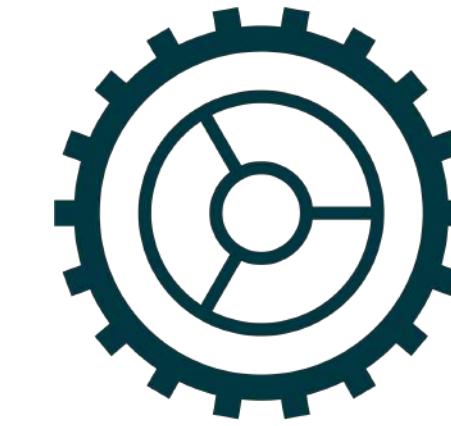
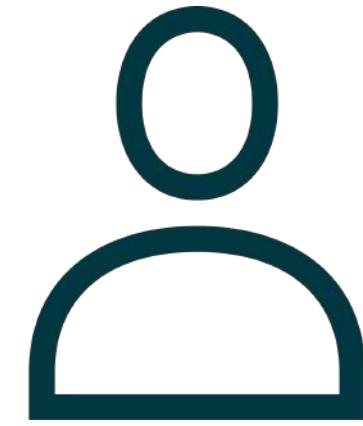


INNOFOUNDER

The purpose of Innofounder is to accelerate the development of innovative entrepreneurial ideas from the early stages to a point where the company becomes financially sustainable.

This can, for example, be achieved through selling or by obtaining additional public or private investments.





Who

- Entrepreneurs with an innovative idea and a higher education.
- Open for all subject areas as long as the idea is innovative and has the potential for creating a sustainable business.
- Applications can be made as an individual or in a team of up to three founders.

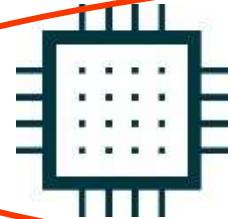
What

- Innofounder is a 12 months course for persons with an innovative entrepreneurial idea.
- The grant may cover activities that relate to the development of technology, business and the company itself.
- Tuition, mentoring and feedback from other entrepreneurs

How

- Two yearly calls.
- The best applications are invited to pitch their entrepreneurial idea in front of the IFD expert panel.

Themes



Critical and digital technologies



Green research, technology development and innovation



Life science, health and welfare technology



Defence and security technology

Defence Tech Denmark



Non themed funding



Calls 2026

Spring 2026

E-grant opens: 20. january
Deadline: 17. February

Fall 2026

TBD



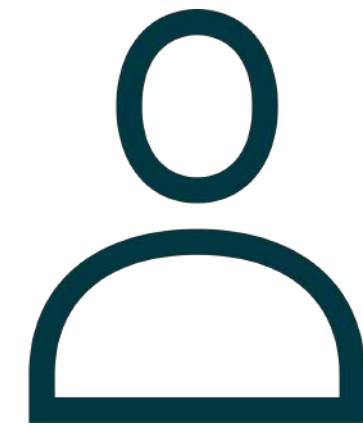
INNOBOOSTER

The purpose of Innobooster is to invest in knowledge-based development projects in SMEs, including startups.

Typically, the focus is on the development of new products and services or significantly improved processes within the company.

Other forms of innovation are also welcome.





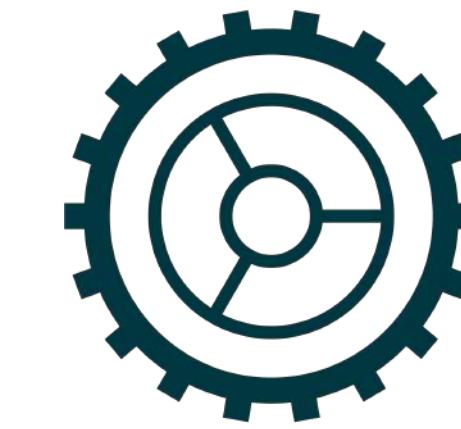
Who

- Small and medium sized enterprises and start-ups
- The company should either have attracted 100.000 DKK in external venture capital within the last 3 years or have a gross profit in at least one of the last 3 financial years of min. 250.000 DKK



What

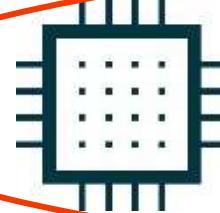
- Innobooster co-finances up to 35 % of expenses for a specific, knowledge-based development project
- IFD investment can be between 50,000 and 5 m DKK for one project
- A project may last up to 2 years



How

- It is the applicant company that chooses partners, receives the investment and provides co-financing
- Special focus on the development of new products and services or marked process improvements in the company

Themes 2026



Critical and digital technologies



Green research, technology development and innovation



Life science, health and welfare technology



Defence and security technology

Defence Tech Denmark



Non themed funding



Calls 2026

Period 1

22. january – 12. march, 12:00

Period 2

26. march – 13. may, 12:00

Period 3

27. may – 6. august, 12:00

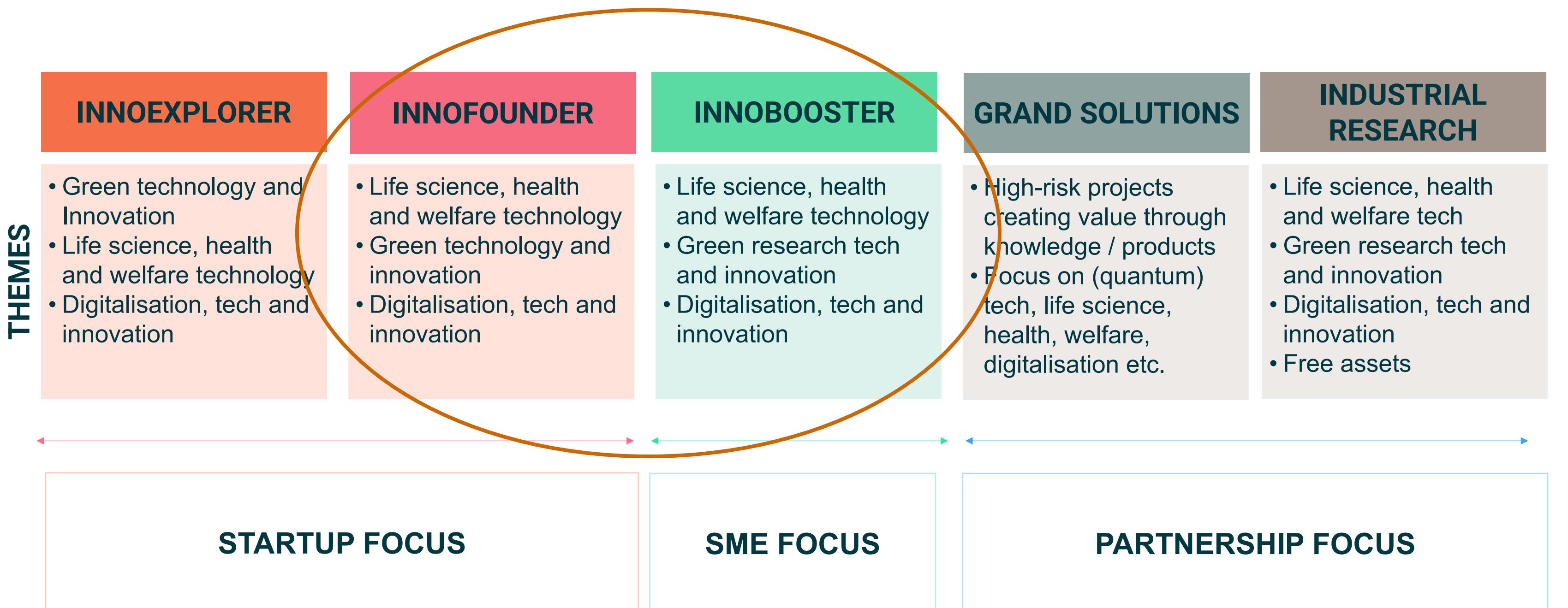
Period 4

20. august – 15. october, 12:00





DEFENCE TECH Denmark

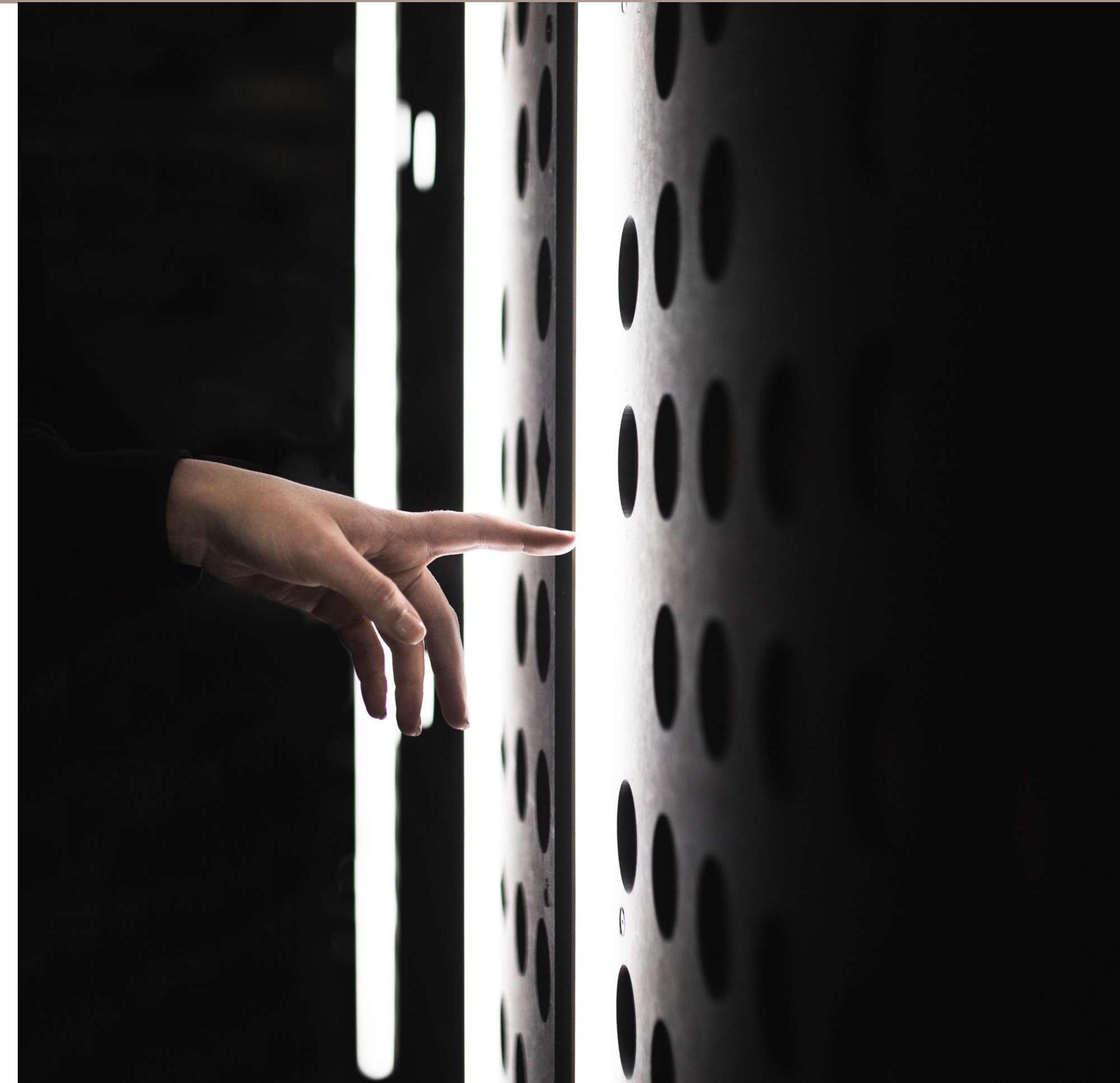


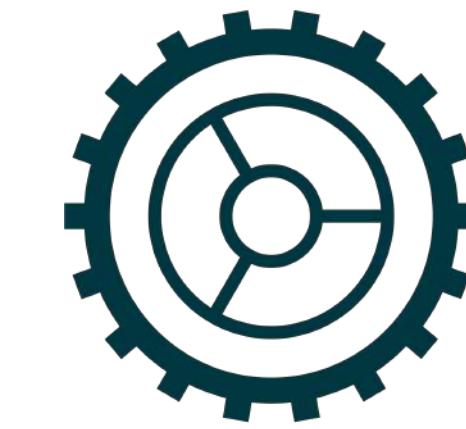
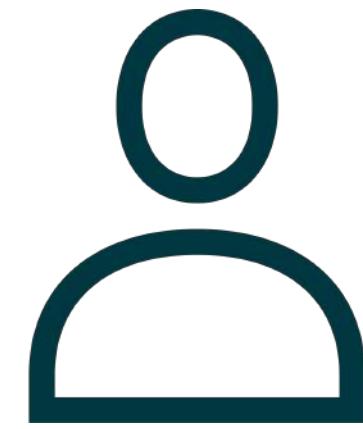
INDUSTRIAL RESEARCHER

PURPOSE

To strengthen the relation between companies and universities while also linking young researchers to private businesses.

This is done through a collaboration between a company, a university and a PhD student or a postdoc. In this way knowledge is channeled into society while also strengthening the researchers' ability to move between private companies and research institutions.





Who

- Industrial PhD.
- Industrial Postdoc

What

- In both PhD and Postdoc projects the candidate will be employed by a private company and be enrolled at – or work with – a public institution.

How

- The company will have a candidate completing a research project of high quality and thus creating results that may lead to commercial gain. Also, the company strengthens its relation to existing and new partners in the university environment.

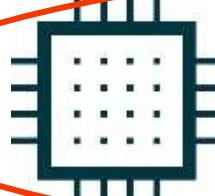
Themes



Space technologies



Green research, technology development and innovation



Critical and digital technologies



Life science, health and welfare technology



Greenland and Faroe Islands
Only Ph.d.



Non themed funding



Calls 2026

Industrial Ph.d. & Postdoc

20. january – 24. february

Only private companies

Industrial Ph.d. & Postdoc

August – September

Private companies and public organisations

Webinar:

February 18.

13:00-13:45

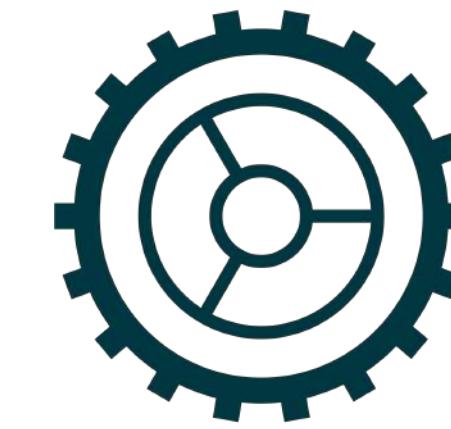
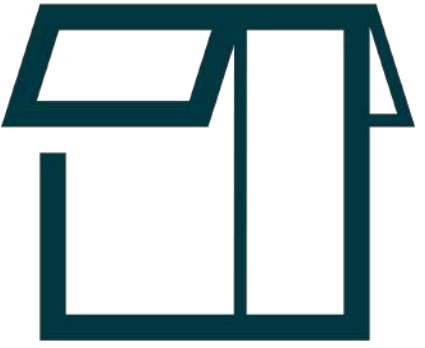
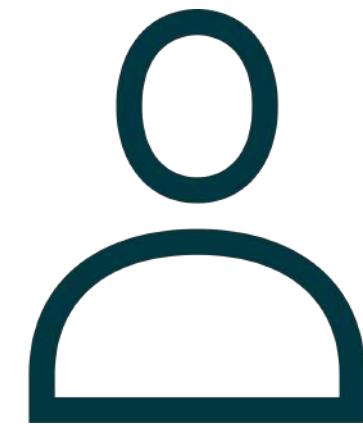


GRAND SOLUTIONS

The Grand Solutions programme invests in projects that contribute with concrete solutions to societal challenges and thereby create value for Denmark.

Grand Solution projects have a high risk profile with a focus on ambitious results and high value creation. This could, for example, be as new knowledge, improved and/or new processes, systems, products or solutions to societal challenges.





Who

- Any legal entity can apply, that is a company, a research institution, a public institution etc.

What

- Major IFD investments from 700,000 USD and up (limited by cap).
- Projects last 2-5 years

How

- The projects should create financial and/or societal value for Denmark.

Themes 2026



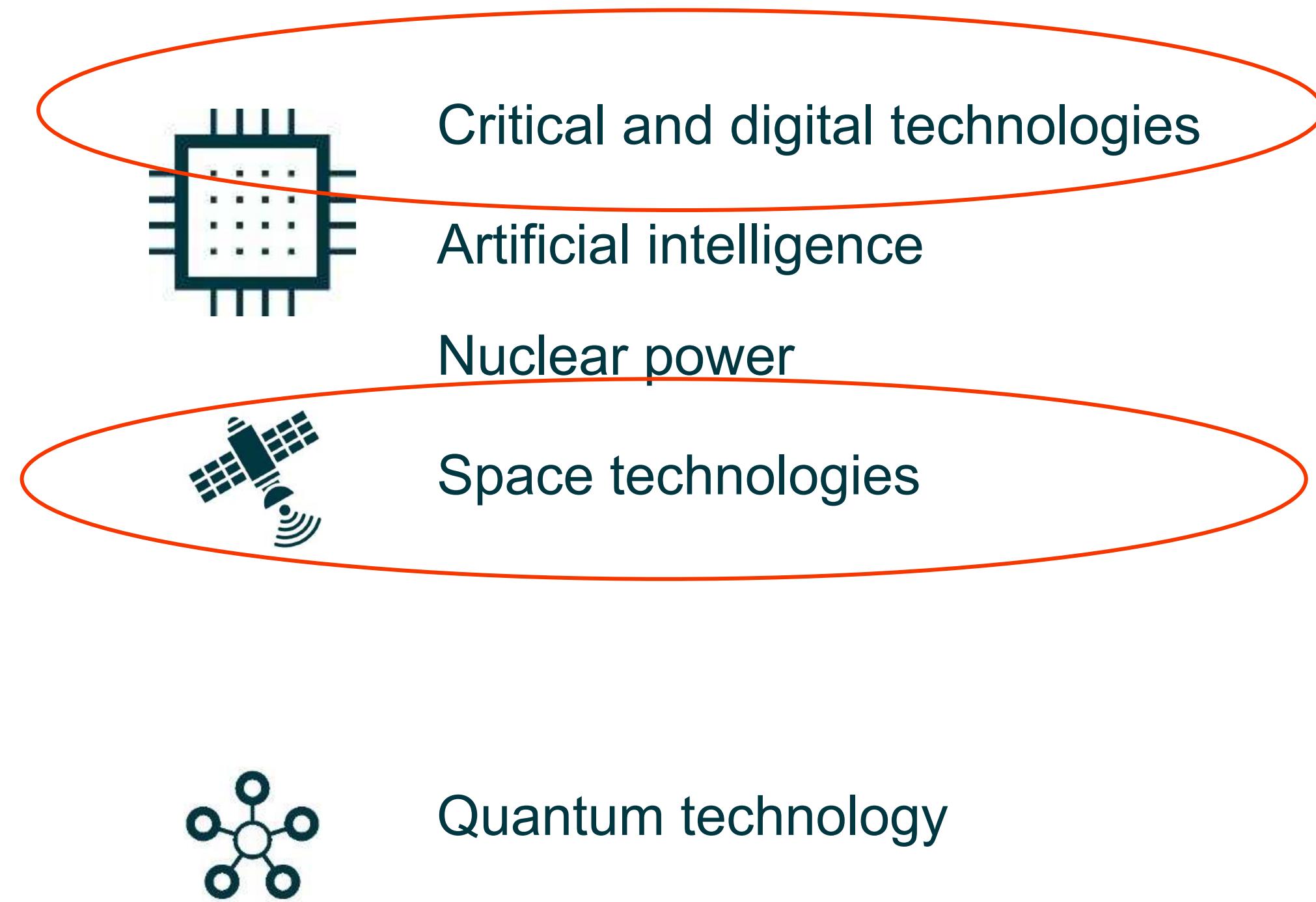
Green research, technology development and innovation

Research in energysystems

Biotechnology & biosolutions



Life science, health and welfare technology



Overview of call themes and funding in 2026

Themes	Available funding*
Green research, technology and innovation, including research in energy systems	100 million DKK
Life science, health and welfare technology	100 million DKK
Biotechnology and biosolutions	90 million DKK
Critical and digital technologies, including space technologies, AI and nuclear power	275,6 million DKK
Quantum technologies	182,3 million DKK
In total	747,9 million DKK

* The Innovation Fund Denmark may at its discretion decide to increase the overall budget for this call, particularly in case of excess funds when faced with a substantial list of qualified applications in this call, that cannot be funded within the original budget.

Call // Critical and digital technologies

Including AI, Space technologies and Nuclear power

Objective

The investments will support strategic research and innovation which are crucial to strengthen Denmark's position in the international technological race for national security and competitiveness as well as an efficient and coherent welfare system.

Examples

- Semiconductors
- Robotics and drone technology
- Materials technology
- Particle research
- Artificial intelligence and big data
- Cyber and information security

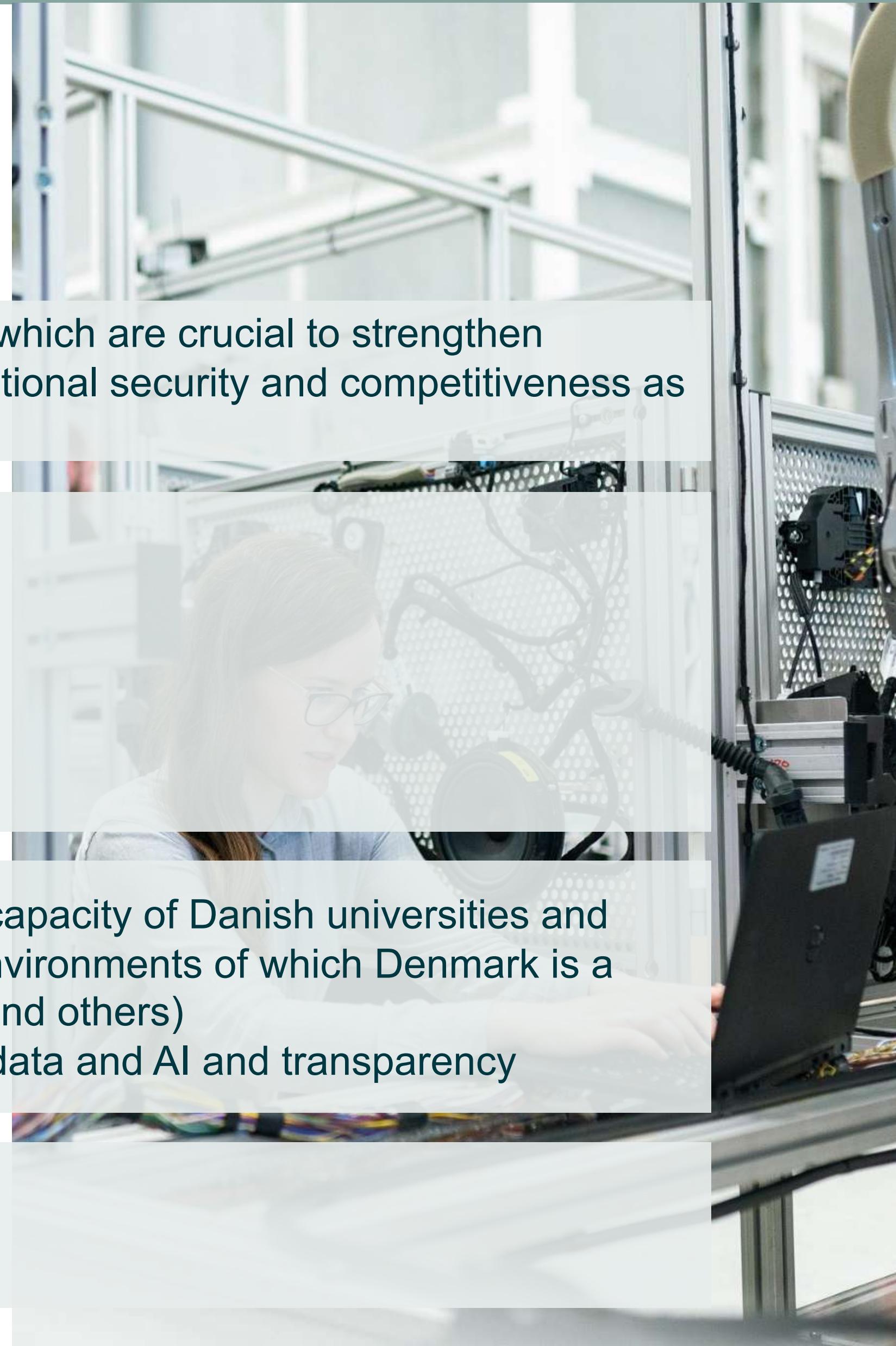
Attention

- Supports projects that enhance the technological research capacity of Danish universities and companies through collaborations within the international environments of which Denmark is a member (e.g., CERN, ESO, EMBL, ESRF, EU-XFEL, ESS and others)
- Consideration to data ethical principles, responsible use of data and AI and transparency



Total IFD investment budget for this call: **Minimum 275,6 million DKK**

IFD investment per project: **5 million DKK to 30 million DKK**



Call // Critical and digital technologies

Space Technologies



Objective

The investments will strengthen Danish space research and innovation through capacity building of Danish research and innovation environments within the space area.

Examples

- Space-based green solutions for climate/environment/nature (including land use and monitoring)
- Quantum- and space-based communication
- Defense and security
- Space data utilization in combination with artificial intelligence, digital twins and supercomputers
- Commercialization of Danish space research and technology

Attention

- Supports projects that enhance the technological research capacity of Danish universities and companies through collaborations within the international environments of which Denmark is a member (e.g. ESA and others)
- The call is a part of the national strategy for space research and innovation (2024)



Total IFD investment budget for this call: **Minimum 88 million DKK (Earmarked)**

IFD investment per project: **5 million DKK to 30 million DKK**

Call // Critical and digital technologies AI

Objective

Purpose is to support strategic research and innovation within AI, including with a focus on addressing societal challenges such as the green transition, health, and life science – for example with the aim of influencing technological developments in the field.



Examples

- The initiative may support strengthened use of AI, including efforts to improve efficiency and reduce administrative burdens for businesses and the public sector, as well as potential research-oriented activities in connection with a possible Danish AI Gigafactory.
- The funds are primarily intended for research and innovation in AI as a technology, where the application is not tied to a specific sector or industry.

Attention

The call aims to support stronger focus on, and prioritisation of, AI as a critical technology.



Total IFD investment budget for this call: **Minimum 80 million DKK (Earmarked)**

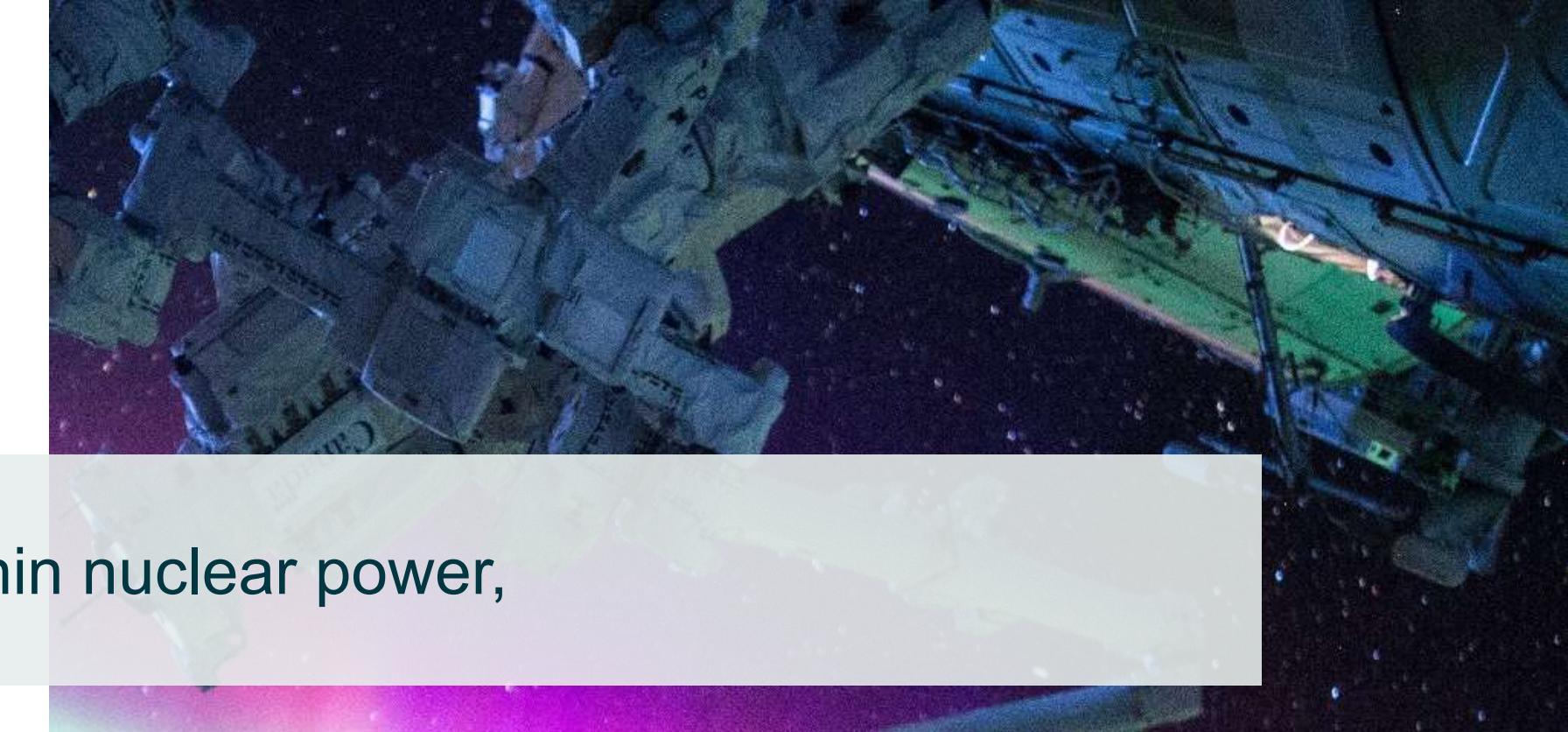
IFD investment per project: **5 million DKK to 30 million DKK**

Call // Critical and digital technologies

Nuclear Power

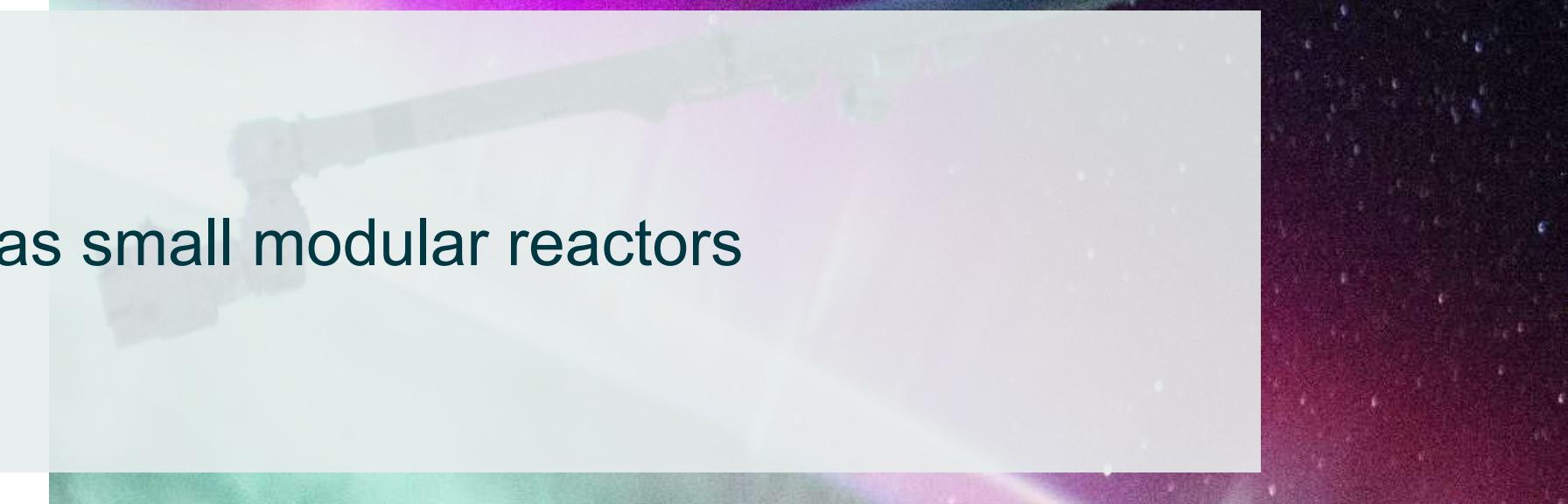
Objective

Purpose is to support strategic research and innovation within nuclear power,



Examples

- Includes both fusion and new fission technologies such as small modular reactors



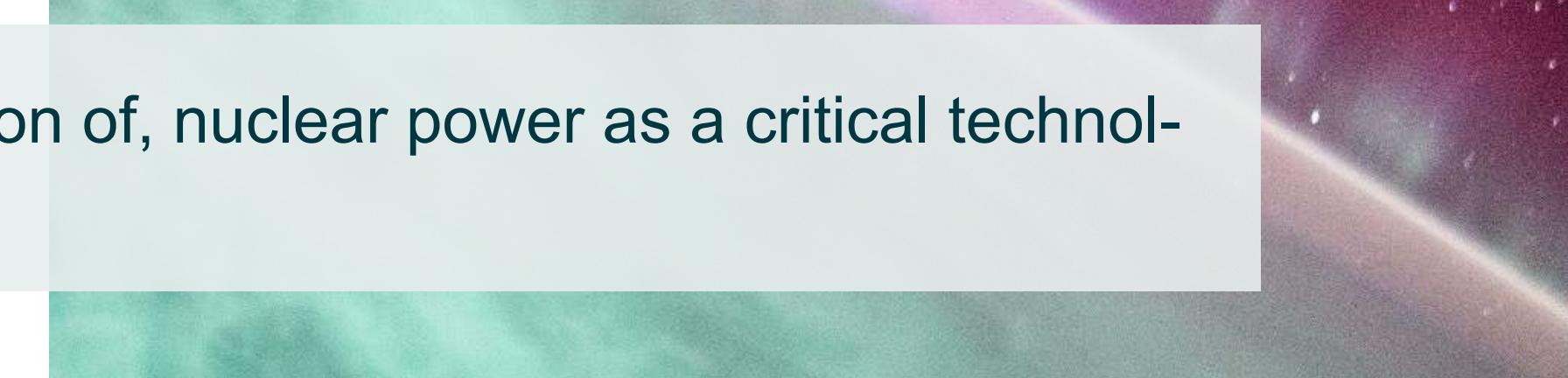
Attention

This call aims to support a stronger focus on, and prioritisation of, nuclear power as a critical technology.

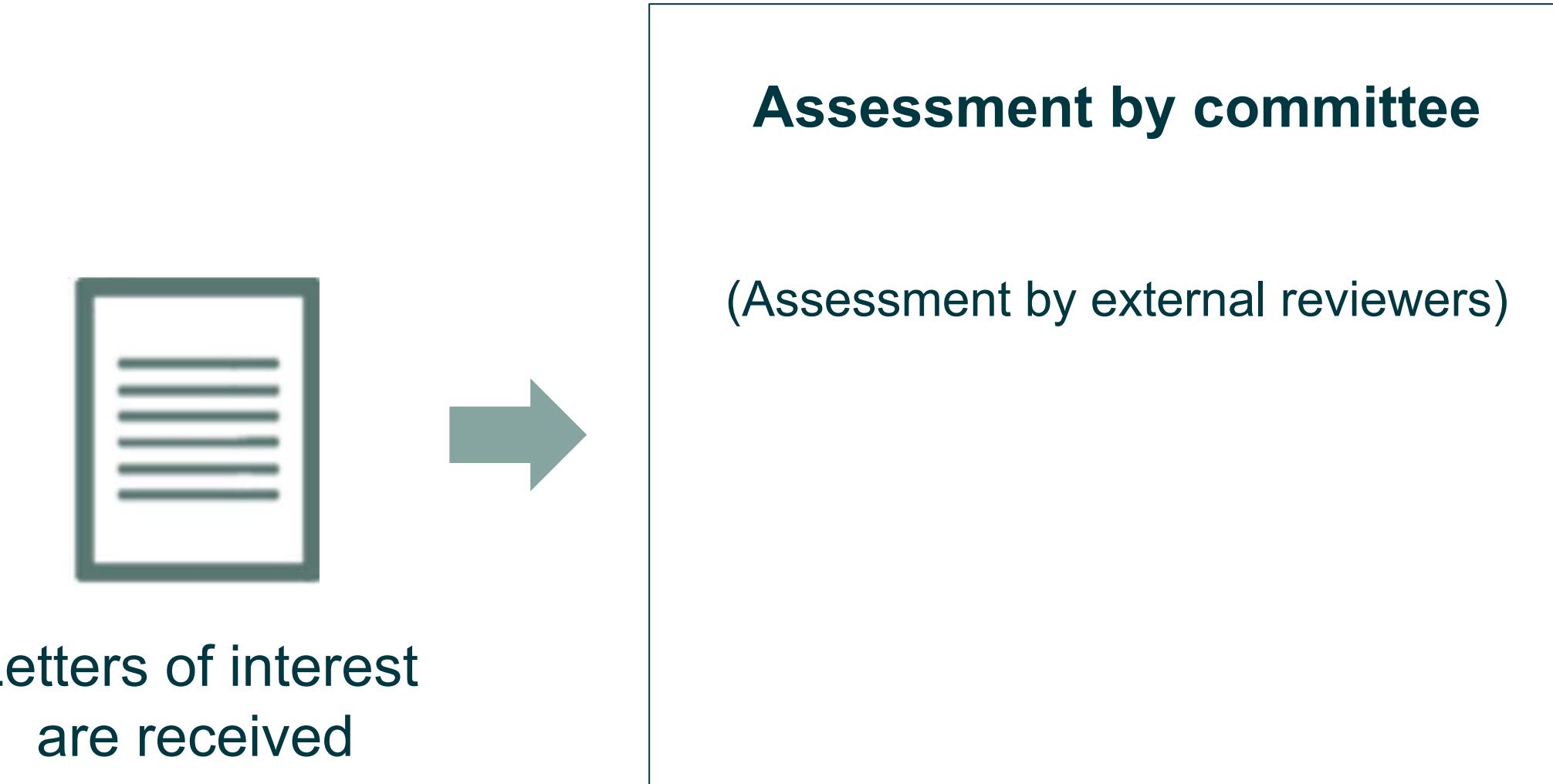


Total IFD investment budget for this call: **Minimum 10 million DKK (Earmarked)**

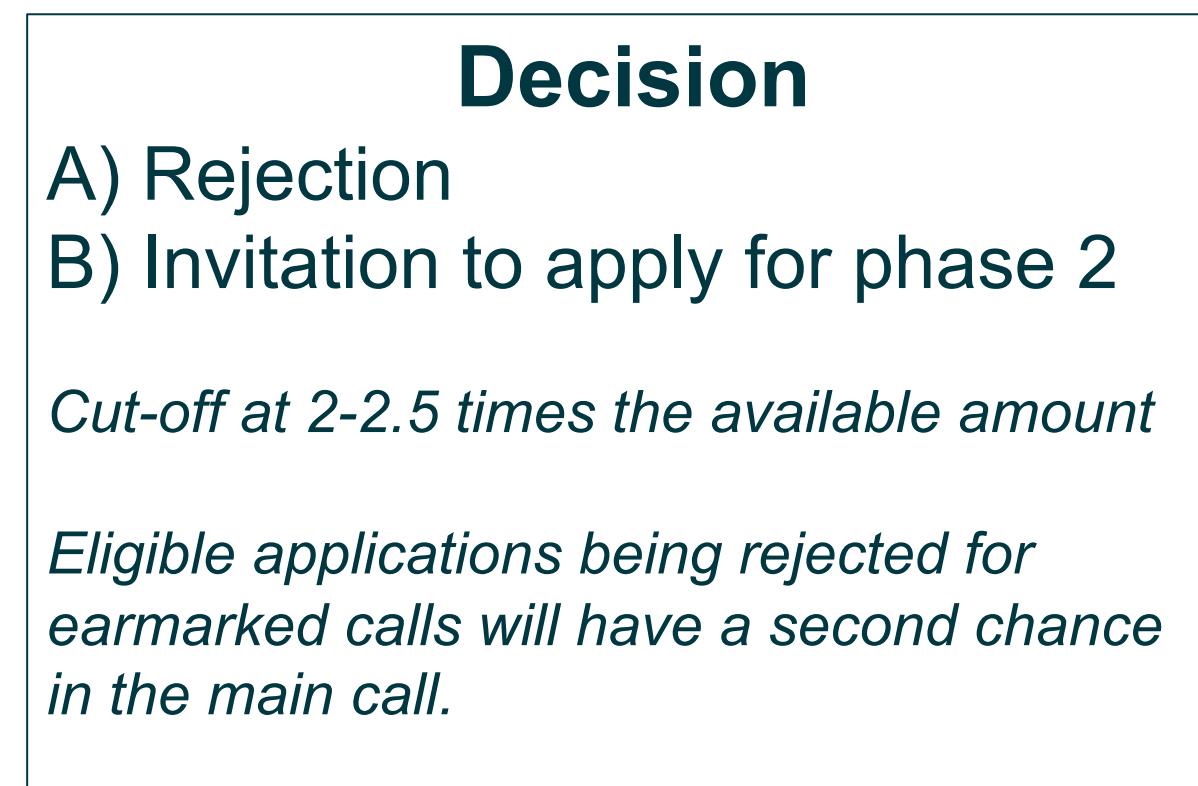
IFD investment per project: **5 million DKK to 30 million DKK**



Phase 1



Phase 2



Phase 1 | Letter of interest

- Official project title and acronym
- **Expected budget overview** and project duration
- Requested total investment from IFD
- Short summary (max 600 characters)
- Foundation and concept of idea (max 1,800 characters)
- Quantifiable goals (max 1,200 characters)
- State of the art and competition (max 2,400 characters)
- Expected impact (max 1,200 characters)
- Research Methods (*min 1,000 characters*)
- Contribution from up to 5 core participants (max 5 x 600 characters)
- Option to state additional project participants (max 500 characters)
- Competences and experiences for up to 5 key persons (max 5 x 600 characters)
- Literature list (max 1,200 characters)

Appendices

- Appendix A (optional): **One figure or illustration**

Possible adjustments from phase 1 to phase 2

Call: No shift allowed // Official title: Minor clarifications allowed // Acronym: No changes allowed // **Project period can increase or decrease with max. 20% (still 1-5 years)**

Budget

- Expected total budget can be increased or decreased by up to 20%
- Requested total IFD investment can be increased or decreased by up to 20%
- Total investment amount for all core participants can be increased or decreased by up to 20% (no limitations on changes between core participants)
- Investment amount for other participants can freely be adjusted

Project description

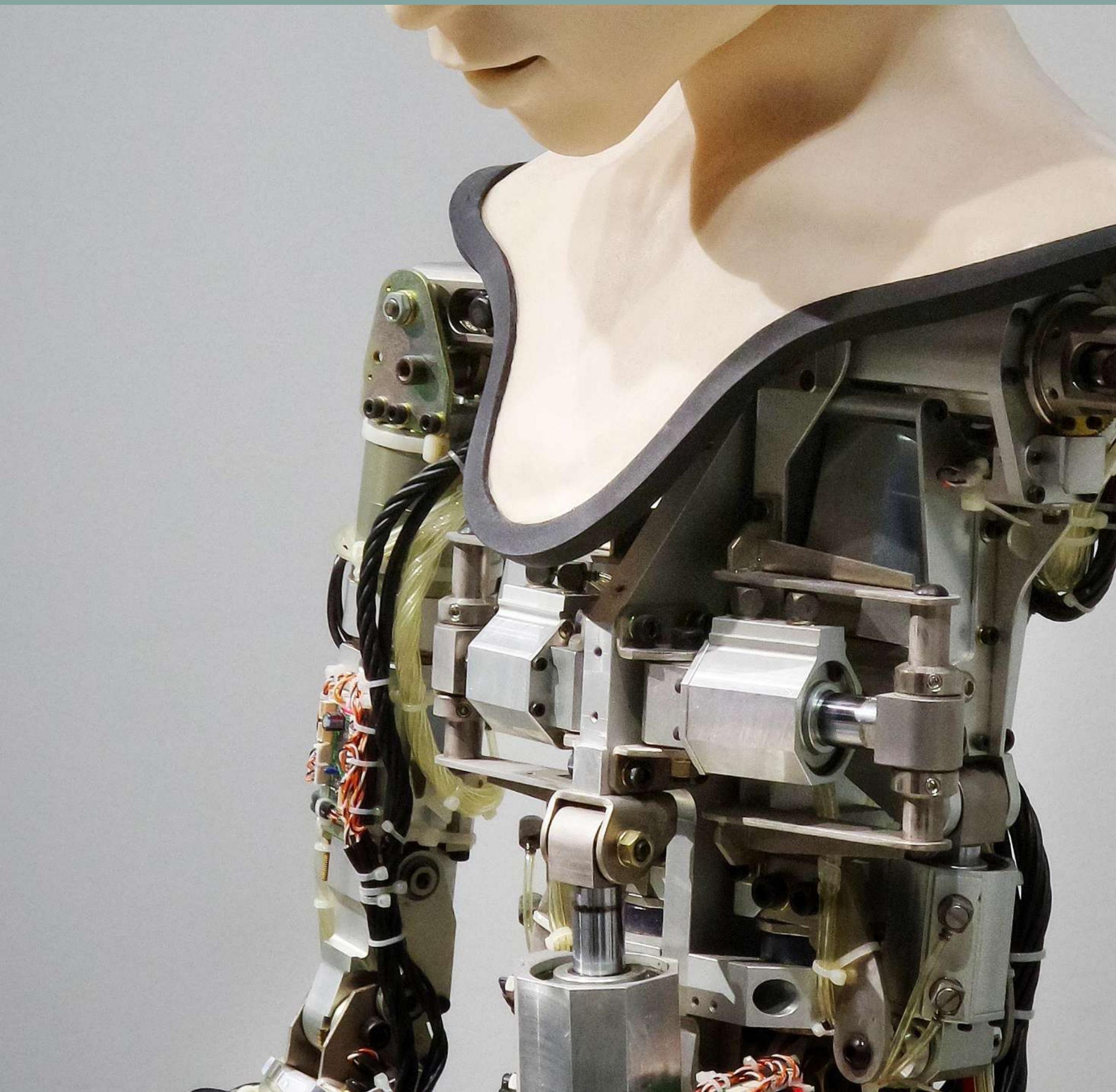
- Foundation and concept of idea must be preserved (elaborations are allowed)
- Quantifiable goals can be adjusted, but changes of more than 25% in quantitative goals and any changes to qualitative goals must be justified
- State of the art and competition must be updated to reflect current situation
- Expected impact can be adjusted, but substantial changes must be justified
- Overall description of research methods should be further explained and additional methods can be included. Changes must be justified.

Partners and key persons

- Core participants must be preserved, no changes are allowed, **but it is possible to indicate more P-numbers for the same CVR number.**
- Additional participants can be adjusted, but must be justified
- New participants must be described
- Key persons must be preserved, but unforeseen changes are allowed if the replacement equals the competences of the original person and are justified

Important remarks

- Prioritize one call and acknowledge overlaps
- Two sets of guidelines
- Investment rates and maximum IFD funding varies, consult guidelines
- Phase 2 is only open by invitation



Dates for 2026

- Phase 1: January – March 3, 12:00 CET
- Phase 2 (invites only): June – September 10
- Webinar: January 16, 11.30-12.30



Questions?

Contact Innovation Fond Denmark

Newsletter



	Tlf.	Telefontider	Mail
Tekniske spørgsmål	33 92 91 90	Hverdage 9.00 – 12.00	Support.e-grant@ufm.dk
Generelle henvendelser + økonomiske spørgsmål		Mandag 9.00 -12.00 Tirsdag 10.00 - 12.00 Torsdag 9.00 - 12.00	kontakt@innofond.dk
Spørgsmål af ikke økonomisk karakter			kontakt@innofond.dk
Innobooster	61 90 50 00	Torsdag 9.00 – 12.00	Innobooster@innofond.dk
Innofounder			innofounder@innofond.dk
Erhvervsforsker			erhvervsforsker@innofond.dk
Grand Solutions		Tirsdag 9.00 – 12.00 Torsdag 9.00 – 12.00	Store.projekter@innofond.dk

FUNDING OPPORTUNITIES FOR THE INDUSTRY

Supported by the

**DANISH INDUSTRY
FOUNDATION**

Managed by

SPACE VENTURES DK

//SPEAKER



POUL ZIMMERMANN NIELSEN

Head of ESA Technology Broker
Denmark





TECHNOLOGY
BROKER

Denmark

Managed by

SPACE VENTURES 

ESA TECHNOLOGY BROKER DENMARK

Support Danish companies





TECHNOLOGY
BROKER

Denmark

Managed by

SPACE VENTURES 

ESA TECHNOLOGY BROKER DENMARK

Support Danish companies

TURNING BUSINESS OPPORTUNITIES in the rapidly growing space economy





TECHNOLOGY
BROKER

Denmark

Managed by

SPACE VENTURES 

ESA TECHNOLOGY BROKER DENMARK

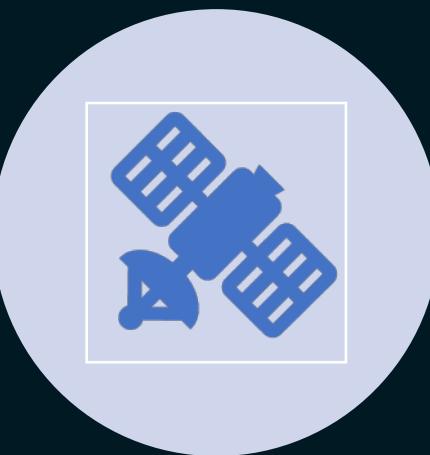
Support Danish companies

TURNING BUSINESS OPPORTUNITIES in the rapidly growing space economy

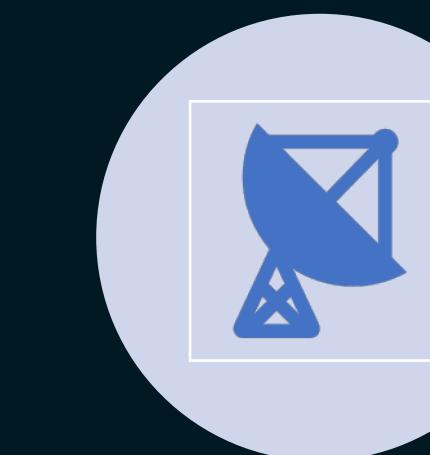
INTO ACTIONABLE INDUSTRY GROWTH in Denmark



// GROWTH OPPORTUNITIES



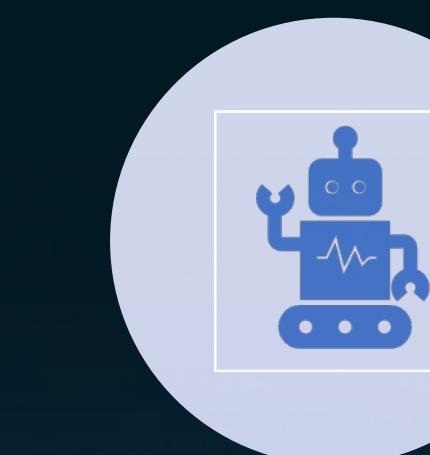
Upstream:
Spin-in to Space



Downstream applications
Use of Satellite Services

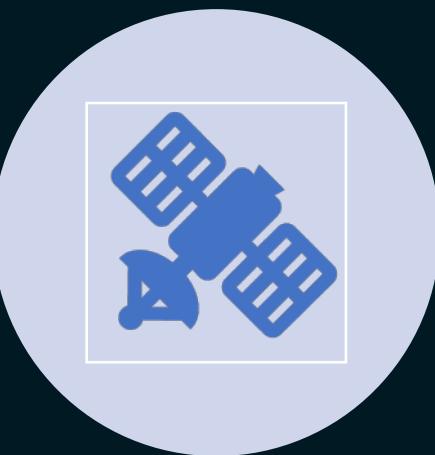


Downstream:
Spin-off from Space

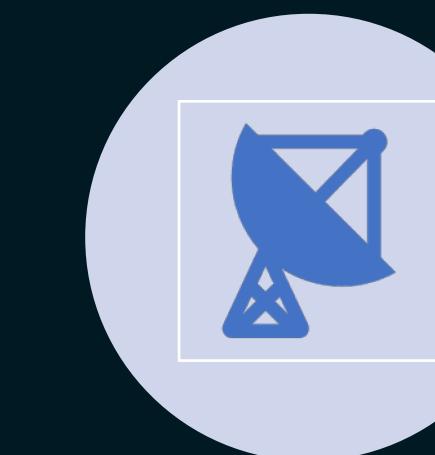


Activities in space
Zero-gravity developments

// GROWTH OPPORTUNITIES

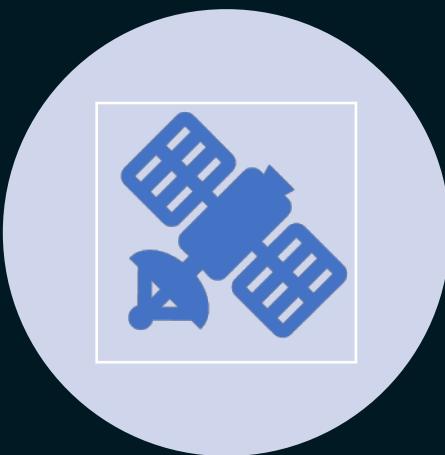


Upstream:
Spin-in to Space

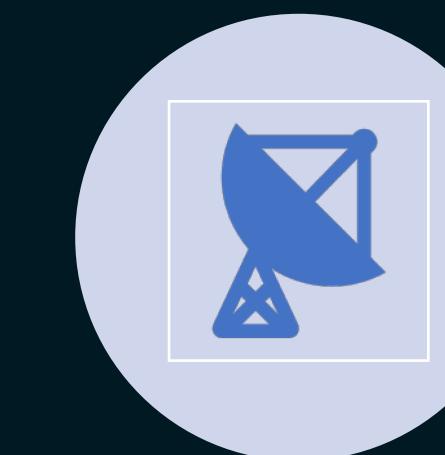


Downstream applications
Use of Satellite Services

// GROWTH OPPORTUNITIES



Upstream:
Spin-in to Space

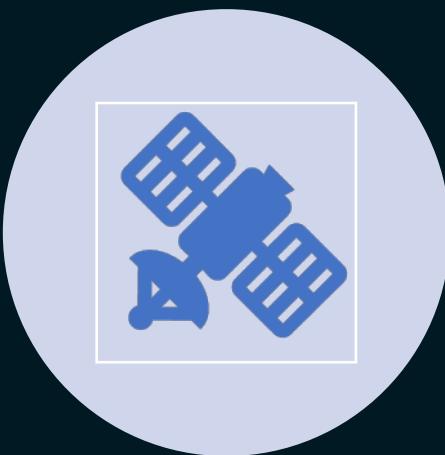


Downstream applications
Use of Satellite Services

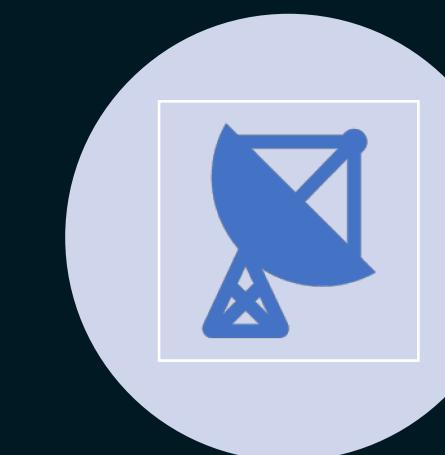
- **Foster new space companies**

help entering the space sector with innovative ideas  **UPSTREAM**

// GROWTH OPPORTUNITIES



Upstream:
Spin-in to Space



Downstream applications
Use of Satellite Services

- **Foster new space companies**

help entering the space sector with innovative ideas  **UPSTREAM**

- **Grow non-space companies**

help enhance capabilities by use satellite data  **DOWNSTREAM**

// ESA TECHNOLOGY BROKER DENMARK IS POSITIONED IN PAN-EUROPEAN ESA NETWORK

We work with other 12 ESA Technology Brokers
across Europe in ESA's Commercialisation Network to

FOSTER international business and to **FORM** industrial consortia

opening up for
DANISH COMPANIES TO JOIN INTERNATIONAL PARTNERS
for development, funding and business growth

Focus is on European space development and growth:

UPSTREAM: NON-SPACE -> SPACE

DOWNSTREAM: SPACE -> NON-SPACE

// SUPPORT TOOLS

- > **PREPARE FOR SPACE** providing free consultancy
- > **TECHNOLOGY EXCHANGE** across ESA broker states
- > **BUSINESS MATCHMAKING** with companies in other ESA Member State
- > **SPARK FUNDING** €75.000 for technology transfer from non-space to space

Sponsored by ESA and funds allocated by DK Ministry of Higher Education and Science

// SUPPORT TOOLS

> **PREPARE FOR SPACE** providing free consultancy

- **HELP UNDERSTAND SPACE OPPORTUNITIES**
 - do business in space industry
 - use satellite data to strengthen business on Earth
- **BRAINSTORM INNOVATIVE DEVELOPMENT OPPORTUNITIES**
 - we work with the companies to identify exactly what would best fit their specific business (workshops, online one2one)
- **IDENTIFY FUNDING OPPORTUNITIES**

Explore funding opportunities and receive assistance when applying for funding for their development projects.
- **SUPPORTING DANISH COMPANIES` CONTRACT BIDDING**

Help newcomers to bid for ESA Invitation To Tender

 - GSTP for UPSTREAM and BASS for downstream, etc.
 - Focus on Newcomers

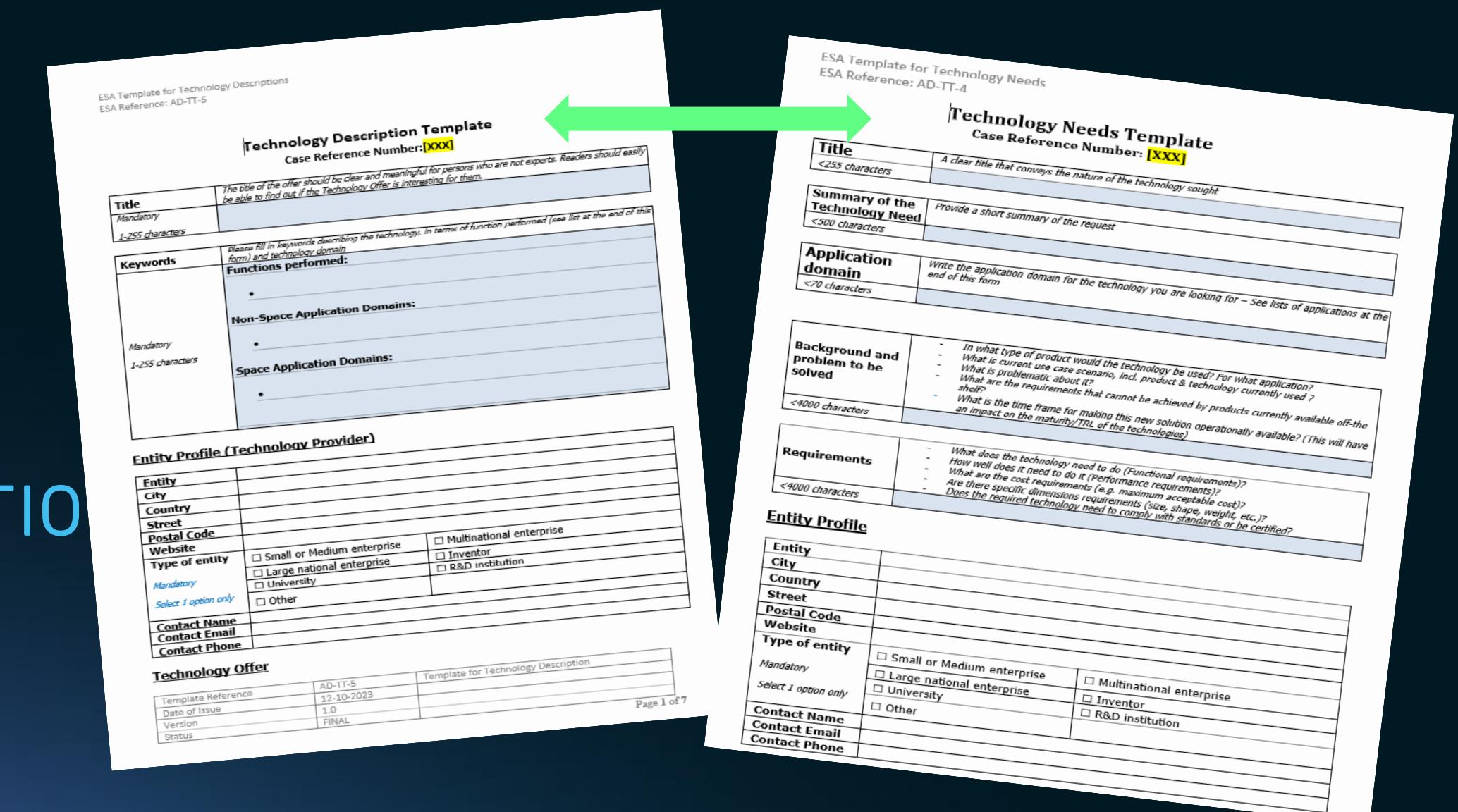


// SUPPORT TOOLS

> TECHNOLOGY EXCHANGE with companies in other ESA Member State

BASELINE:

- Technology Transfer from Space to Non-Space
- Technology Transfer from Non-space to Space
- SUPPORT TECHNOLOGY DESCRIPTION (PREPARATION)
 - from non-space to space
 - from space to non-space
- SUPPORT TECHNOLOGY NEED DESCRIPTION (PREPARATION)
 - from non-space industry
 - from Space industry
- EXCHANGE ACROSS ESA BROKER NETWORK
 - common database across Europe
 - national brokers work-together to foster collaboration
- SUPPORT ALSO CONSORTIE BUSINESS AND COLLABORATION
 - a strong tool to “get positioned” to participate to ESA calls



The diagram illustrates the relationship between the Technology Description Template and the Technology Needs Template. A green double-headed arrow connects the two forms, indicating they are interconnected and used together in the exchange process.

Technology Description Template
 Case Reference Number: XXX

Technology Needs Template
 Case Reference Number: XXX

Both templates are part of the ESA Template for Technology Descriptions, ESA Reference: AD-TT-4.

// SUPPORT TOOLS

> BUSINESS MATCHMAKING with companies in other ESA Member State

- **CROSS BORDER COMPANY LIST OF TECHNOLOGY CAPACITY AND NEEDS**
 - focus on instigating upstream space consortia for new space developments
 - prepare to be compliant with bid-needs for ESA calls (cross match with GSTP technology subjects)
- **BASED ON NATIONAL TECH BROKER KNOWLEDGE OF LOCAL INDUSTRY, POTENTIALS AND NEEDS**
 - positioning smaller specialist companies to enter European space market
 - focus on foster wider industrial space supply chain in Europe, to match growing space economy
- **ESA BROKER ORGANISE WORKING MEETINGS WITH INDUSTRY**
 - technology topic driven
 - sector driven
 - space systems / sub-systems driven

// SUPPORT TOOLS

> SPARK FUNDING €75000 for technology transfer from non-space to space

- CO-FUNDED DEVELOPMENT
 - €75000 ESA SPARK FUNDING under contract with DTU
 - executed under ESA Tech Broker Denmark management after joined ESA TB DK – ESA approval
 - SME 80% SPARK: Project size €93.75K with ESA SPARK €75K + SME €18750
 - NON-SME 50% ESA SPARK: Project size €150K with ESA SPARK €75K + NON-SME €75K
 - Possible to ask for less SPARK as well as add additional company funding
 - Development: 12 months (possible up to 24month)
- FOR DENMARK PRIMARILY FOCUS ON UPSTREAM TO FOSTER MORE DANISH SPACE COMPANIES
 - ESA Tech Broker Denmark offers ESA SPARK funding for non-space to space transfer developments
 - REASON for upstream focus: ESA BASS supports downstream
 - + difficult for newcomer to enter ESA GSTP and space sector
- 2026: 5 PROJECTS
 - First deadline 13 January 2026 – if not reached: 2nd deadline in 2026 Q2

// **CONSIDERATIONS**

ESA TECHNOLOGY TRANSFER DENMARK

- **HIGH FOCUS ON UPSTREAM CO-FUNDED DEVELOPMENT**
 - to get more space companies in Denmark
 - with growing space economy and more space missions, Denmark needs more companies
 - Danish non-space leading-edge technologies have potential in commercial space sector
- **SPACE COMPANIES CAN FOSTER NON-SPACE to SPACE TRANSFERS**
 - space companies "know better what can be improved in space"
 - take technologies / solutions from non-space and transfer to space
- **UNIVERSITY SPIN-OUTS WELCOME**
 - potential in academia R&D with spin-out opportunities
- **FOCUS ON DOWNSTREAM PENETRATION WIDELY IN NON-SPACE SECTOR**
 - strong support to non-space sector companies to grow with satellite data use

// CONTACT US

ESA TECHNOLOGY TRANSFER DENMARK

- **IF YOU HAVE IDEAS: CONTACT US**
 - to discuss potential, challenges, opportunities
get more space companies in Denmark
 - with growing space economy and more space missions, Denmark needs more companies
 - Danish non-space leading-edge technologies have potential in commercial space sector
- **SPACE COMPANIES CAN FOSTER NON-SPACE to SPACE TRANSFERS**
 - space companies "know better" space needs
 - take technologies from non-space and transfer to space

IF YOU HAVE IDEAS LET'S TALK

Managed by

// OVER AND OUT



THANK YOU!

// SPEAKER



POUL ZIMMERMANN NIELSEN

Head of ESA Technology Broker
Denmark

ESA TECHNOLOGY TRANSFER DENMARK

Managed by Space Ventures DK

 @esa-bic-denmark

 techbroker@esabic.dk

www.spaceventures.dk/esabroker



FUNDING OPPORTUNITIES FOR STARTUPS

Supported by the

DANISH INDUSTRY
FOUNDATION

Managed by

SPACE VENTURES 

// SPEAKER

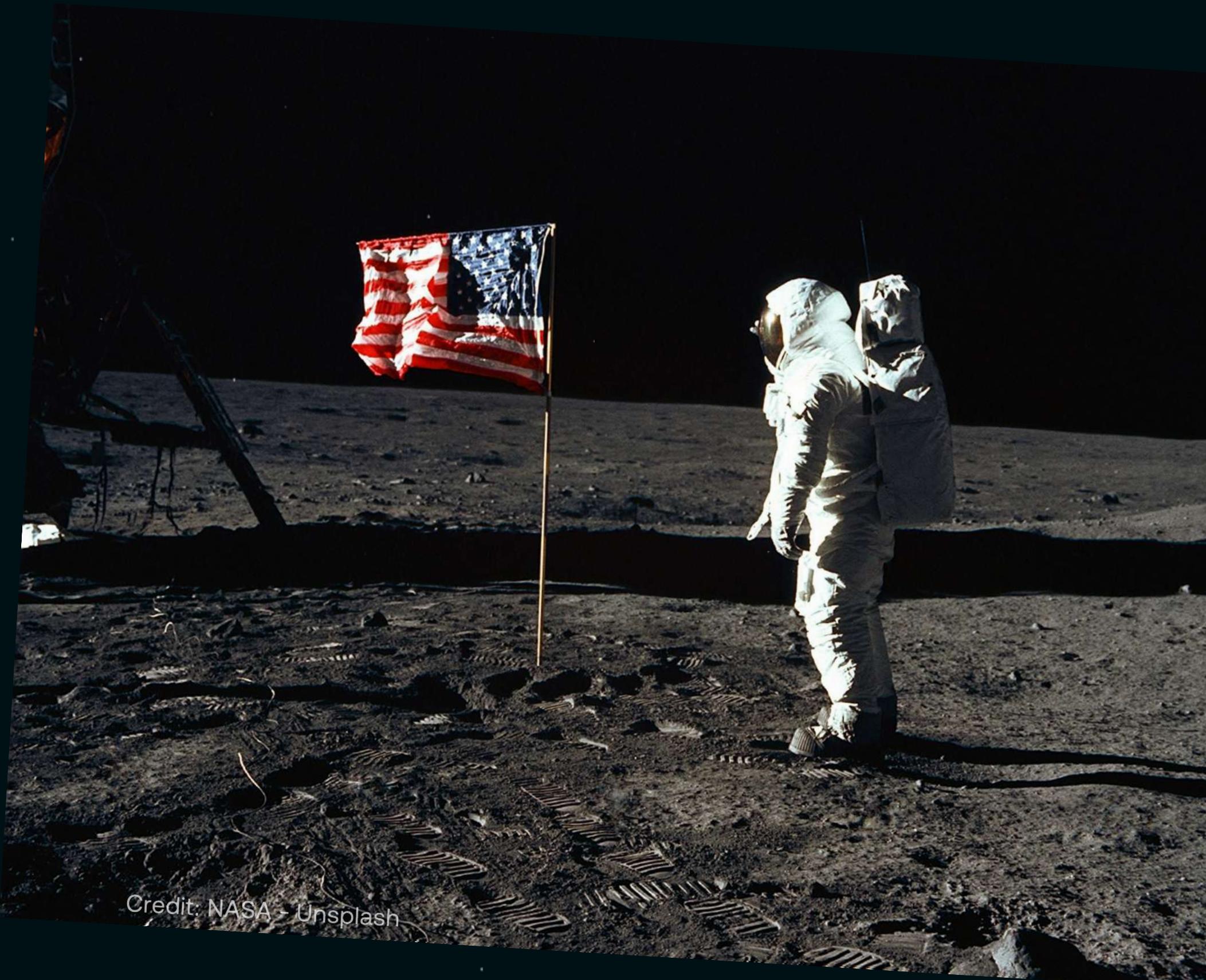
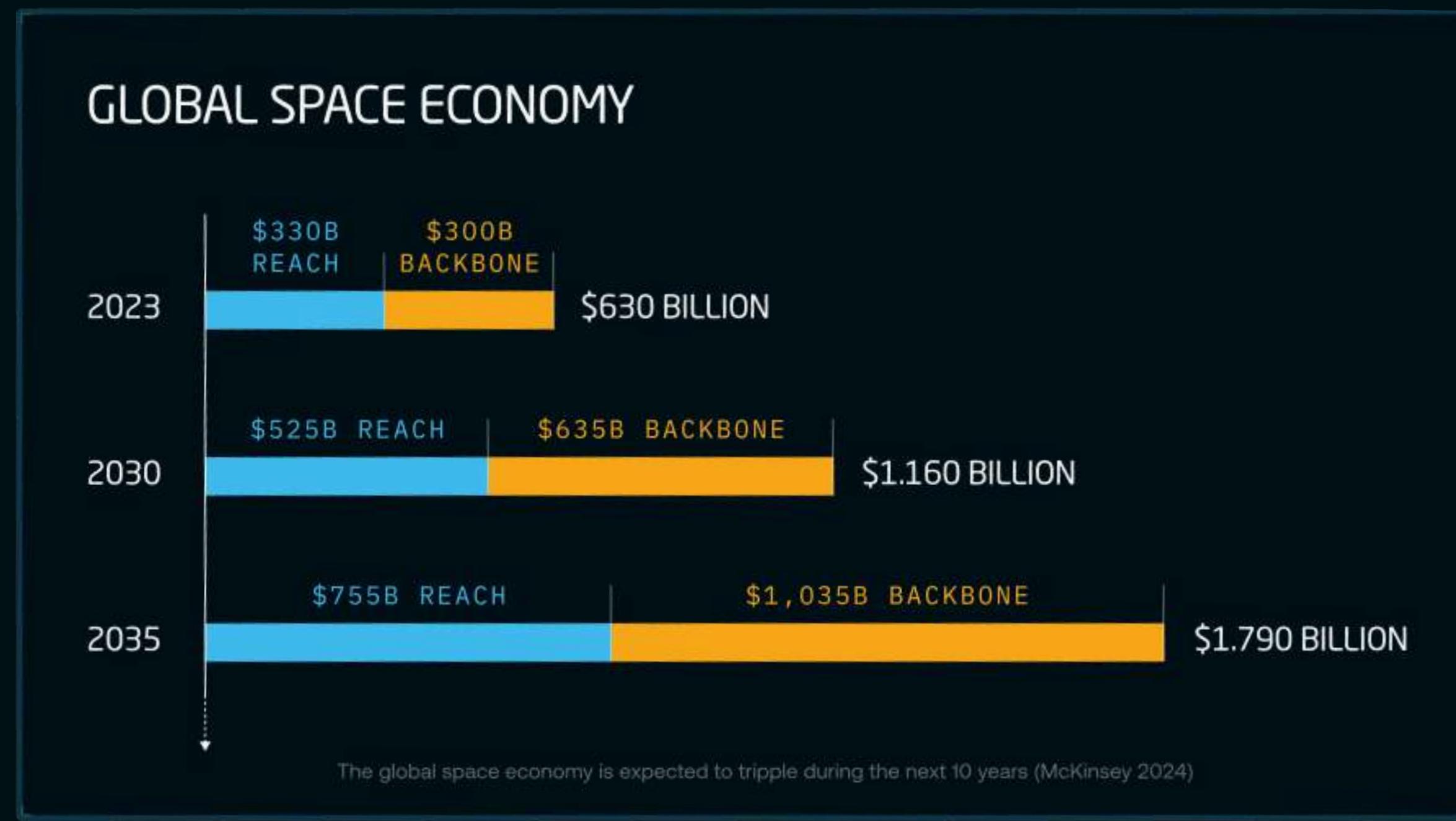


AMANDA BORUP PEDERSEN

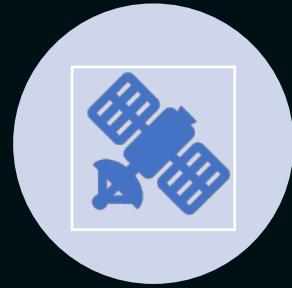
Manager, ESA BIC



THE MOONLANDING WASN'T THE END OF THE SPACE RACE. IT WAS THE BEGINNING



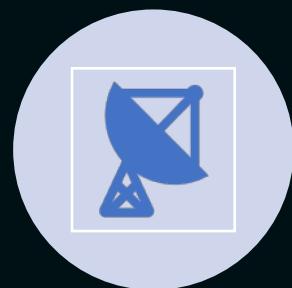
DOING BUSINESS IN SPACE DOESN'T HAVE TO BE ROCKET SCIENCE



UPSTREAM



DOWNSTREAM



SPIN-OFF





ESA BIC OFFERS



BUSINESS
INCUBATION
CENTRE

Denmark



1-2 YEARS OF INCUBATION IN
AN ESA HUB OF YOUR CHOICE



ACCESS TO
INTERNATIONAL
SPACE-EVENTS



€60K IN NON-EQUITY
FUNDING



ACCESS TO ESA
PARTNERSHIPS



BUSINESS DEVELOPMENT
SUPPORT



FUNDING AND IPR
SUPPORT

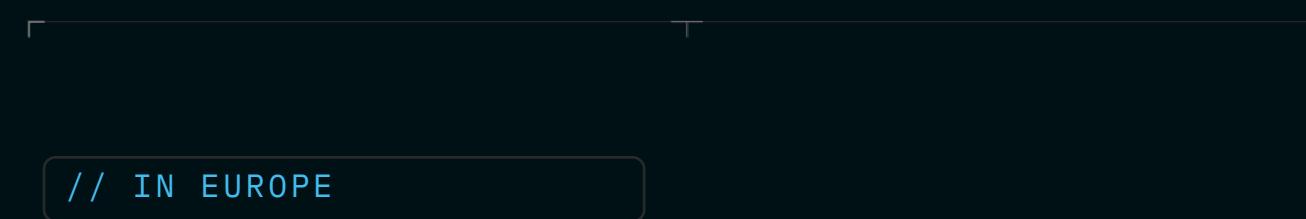


TECHNICAL SUPPORT FROM
LEADING EXPERTS IN ESA



WORKSHOPS &
TRAINING

ESA BIC: A EUROPE-WIDE NETWORK TO NURTURE AND GROW SPACE BUSINESSES



// IN EUROPE

22

100+

1000+

MEMBER COUNTRIES

LOCATIONS ACROSS EU

STARTUPS SUPPORTED

// IN DENMARK

50+

200+

300M+

STARTUPS SUPPORTED

FTES ACROSS ALL STARTUPS

EXTERNAL INVESTMENTS (DKK)



WHO CAN APPLY?



START-UPS < 5 YEARS OLD
WITH A VALID SPACE CONNECTION



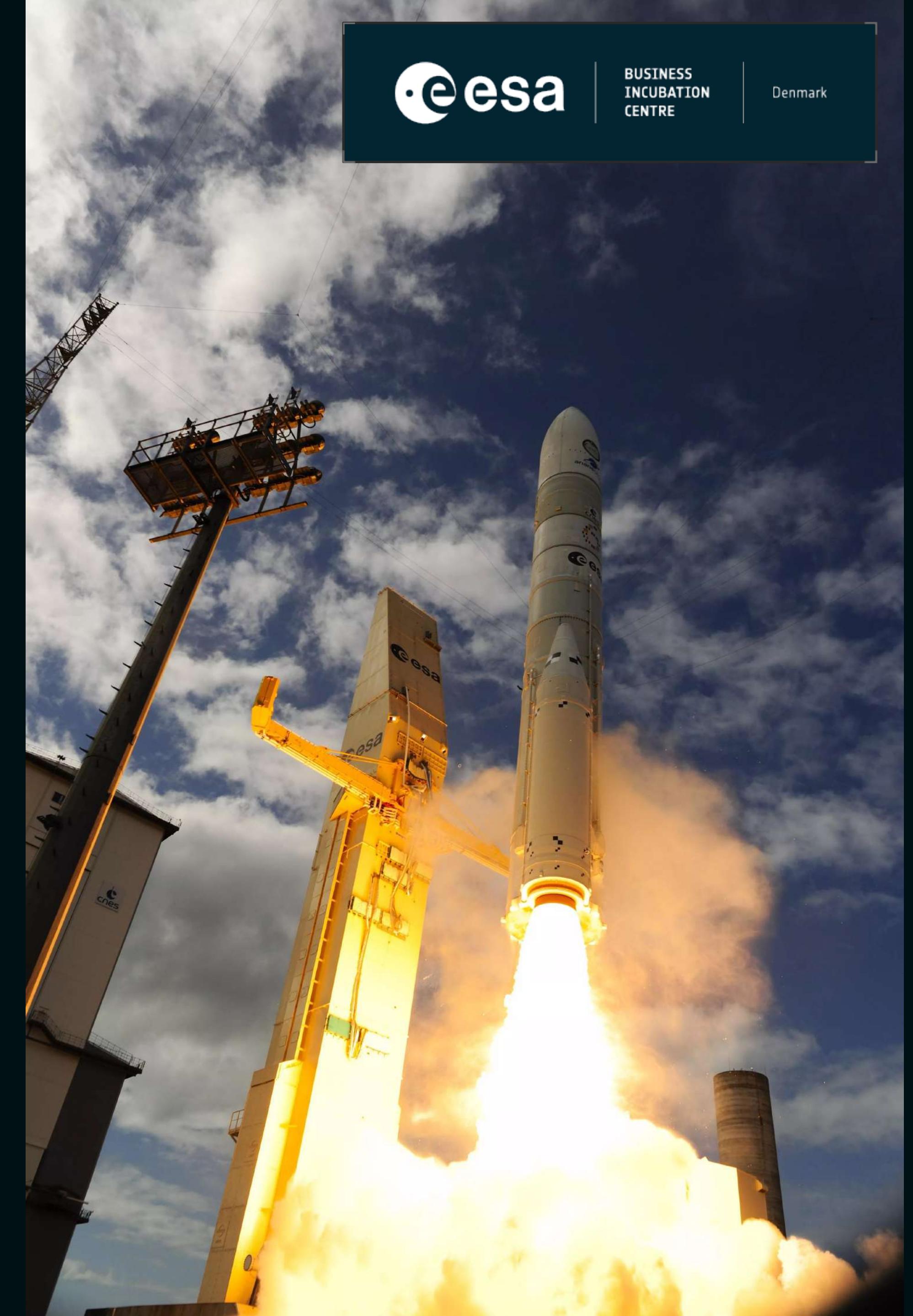
HEADQUARTERED IN DENMARK



MINIMUM 51% SELF-OWNED



REGISTERED WITH A DANISH CVR
OR IN THE PROCESS OF
REGISTERING





BUSINESS
INCUBATION
CENTRE

Denmark

NEXT APPLICATION
DEADLINE:
MARCH 5TH AT 23.59



CHEMICAL PROPULSION FOR MICRO SATELLITES



UP TO 20X FASTER DEPLOYMENT MANEUVERS



INSTANT COLLISION AVOIDANCE



ENABLES DV-EFFICIENT DEORBITING



Credit: NA



USING SATELLITE DATA TO DETECT UNAUTHORIZED DRONES



app.airplate.dk/intrusionlog

app.airplate.dk/intrusionlog

Date	Operator ID	Manufacturer	UA serial number	Operator location	Max height	Alert
7 July 2024,		dji	1581F6N8D234R000	Claus Bergs Gade 1, 5000 Odense	247 m	!
7 July 2024,					128 m	!
7 July 2024,					109 m	!
4 July 2024,					52 m	!
3 July 2024,					8 m	!
3 July 2024,					187 m	!
2 July 2024,					36 m	!
2 July 2024,					51 m	!
2 July 2024,					22 m	!
2 July 2024,					59 m	!
2 July 2024,					38 m	!
2 July 2024,					54 m	!
1 July 2024,						

Intrusion Log of drone seen, 21 May 2024,

Serial Number: 1581F67PB2383003

Manufacturer: **dji**

Potential models:

DJI Mavic 3 DJI Air 3 DJI Mini 4 Pro

Operator ID: No operator ID provided

Operator location: Finlandkaj 1, 5000 Odense

Detected: 21 May 2024,

Duration: 18 min. 46 s.

Max height: 152.5 m

Top speed: 75 km/h

Remote ID technology: (Wi-Fi)

Drone Track

Operator Location

mapbox

© Mapbox © OpenStreetMap Improve this map

dji 1581F45TB21AW1AE Senderse Skovvej 5471 Senderse



TURNING SATELLITE DATA INTO BIODIVERSITY INTELLIGENCE FOR CITIES



// OVER AND OUT

// LET'S CONNECT

AMANDA BORUP PEDERSEN

MANAGER, ESA BIC DK

 ambpe@esabic.dk





Danish Agency for Higher
Education and Science

Danish priorities in ESA programmes

Cecilie Tornøe
Senior adviser. Danish space Division



Agenda

- 1.ESA ministerial conference 2025
- 2.Danish investments in ESA
- 3.ESA optional programmes
- 4.ESA mandatory programme
- 5.Way forward for funding opportunities





The European Space Agency has driven the European space economy for fifty years and will continue, for decades to come.

THE 5 GOALS WE AIM TO REACH BY 2040

01.

PROTECT
OUR PLANET
AND CLIMATE

02.

EXPLORE
AND DISCOVER

03.

STRENGTHEN
EUROPEAN
AUTONOMY AND
RESILIENCE

04.

BOOST EUROPEAN
GROWTH AND
COMPETITIVENESS

05.

INSPIRE
EUROPE

ESA ministerial conference 2025

22,3 bn. Euro. for Optional and Mandatory programmes

Two new programmes:

- European Resilience from Space (ERS)
- European Launcher Challenge (ELC)

Kick-start of two new ESA centres

- **Security and dual-use/multi-use applications in Poland**
- **ESA Arctic Space Centre in Tromsø, Norway**



ESA ministerial conference 2025

Cont. of optional Envelope programmes:

Earth observation

- Future EO – science missions
- Next generation of Copernicus satellites

Exploration

- Argonaut lander
- Rosalind Franklin (ExoMars rover)
- LEO cargo return service
- Small missions

Space Safety

- Ramses, CAT, Rise and Vigil missions



ESA ministerial conference 2025

Optional Technology and commercialisation programmes:

Commercialisation

- New programme: ACCESS
 - ScaleUp
 - BASS

Connectivity and Secure Communications

- ARTES 4.0
- EU Secure Connectivity (IRIS²)

General Support Technology Programme

- NEW: Critical technology components

PRODEX National support to scientific missions



ESA ministerial conference 2025

Mandatory programmes:

Science Programme:

- 3,5 % budget annual increase
- Cosmic Vision plan: **LISA** and **NewAthena**
- Voyage 2050 plan: large-class mission 'L4' to Saturn's moon, **Enceladus**

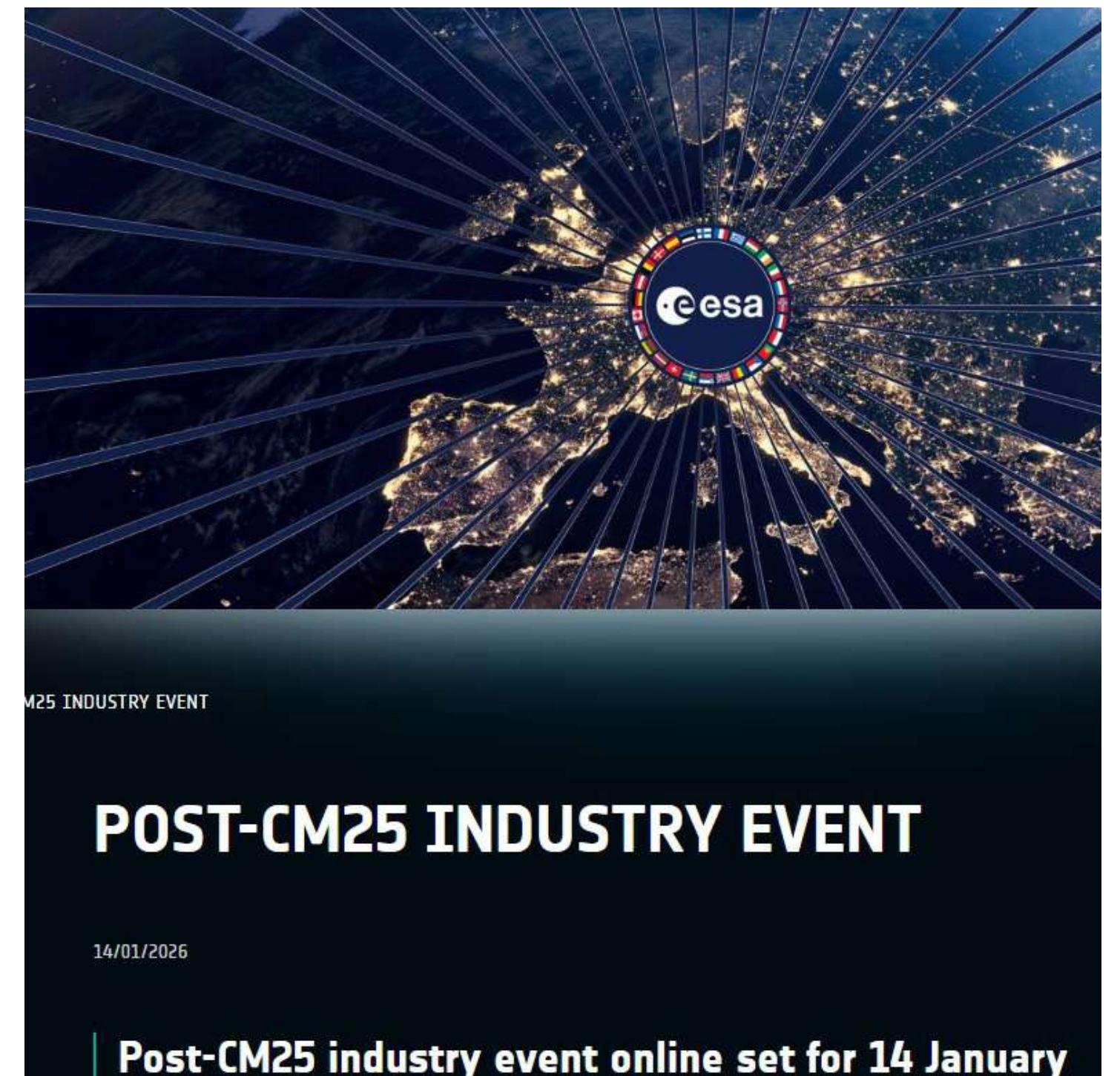
Basic Activities:

- SEED: ESERO and ESA Academy
- NURTURE: Technology development
- PRESERVE: ESA common infrastructure



ESA online event: 14 January 9.00-18.00

- The event features
 - ESA's Director General and
 - all ESA directors
- Tailored to industry
- Register for the event by **12 January, 22:00 CET**



Post-CM25 industry event - ESA Commercialisation Gateway

Danish investments in ESA

The Danish investments in ESA optional programmes were based on the Strategy for space research and innovation and comprises:

- Initiatives in the strategy carried out through ESA programmes
- Activities of **strategic** importance for Denmark
- ESA's **Envelope** programmes
- ESA's **technology and commercialisation** programmes

Some of these elements are overlapping



Denmark's investments in ESA optional programmes

Optional programmes (2026-2028)	Mio. euro.	Mio. kr.
PRODEX (scientific instruments)	10	74,7
Human and Robotic Exploration, incl. Maní	36	268,9
Earth Observation	30	224,1
Connectivity and Secure Communications	7	52,3
Space Safety	7	52,3
Space Transportation (incl. ELC and Boost!)	12	89,6
Technology and Critical Components	12	89,6
Commercialisation (ACCESS)	19	141,9
European Resilience from Space (ERS)	10	74,7
Total	143	1.068,2

Initiatives in the Strategy for space research and innovation

Initiative 2: Development of scientific instruments through the PRODEX programme

Initiative 3: The first national mission Maní through the Human and Robotic Exploration programme.

Initiative 7: Strengthening of the ESA Business Incubation Center, through the ACCESS programme

Initiative 8: Strengthen Danish authorities use of space through the ERS and ACCESS programmes

[LINK: Strategy for space research and innovation](#)



Access to funding

ESA envelope programmes:

Human and Robotic Exploration

Earth Observation

Space Safety

European Resilience from Space (ERS)

Space Transportation (incl. ELC and
Boost!)

Technology and commercialisation:

PRODEX (Scientific instruments)

Connectivity and Secure Communications
(ARTES and Connectivity)

Commercialisation (ACCESS: BASS)

Technology and Critical Components
(GSTP)

[ESA Star](#)
[Open Space Innovation Platform \(OSIP\)](#)

<https://ufsn.dk/forskning-og-innovation/rumomraadet/aktuelt>

Envelope programmes

- ESA Star and OSIP calls

Human and Robotic Exploration

E3P Period 4:

- LEO (Small missions)
- Moon
- Mars
- Exploration Science
- ExPeRT

Earth observation

FutureEO Period 1 - Segment 3

Earth Watch - Digital Twin Earth

CSC-4 Phase 1+2+3

Space Safety Programme (S2P) Period 3

- COSMIC S2P 3. Zero Debris
- Cornerstone 1 Space Weather Mission (VIGIL)
- Cornerstone 2 Planetary Defence Mission (HERA/RAMSES)
- Cornerstone 3 ADRIOS

European Resilience from Space (ERS)

ERS EO Element 1 - Phase 1

Space Transportation

European Launcher Challenge (ELC) Programme

BOOST!

Technology and commercialisation programmes

- Danish calls

General Support Technology Programme (GSTP)

- GSTP - Element 1 - 'Develop'
- GSTP - Element 2 - 'Make'
- GSTP - Element 3 - 'Fly'

EEE component

Resilience and Security Component

Connectivity and Secure Communications

ARTES 4.0: Future Preparations Period 3 (FP3)

ARTES 4.0: Industrial Competitiveness Period 1 (IC1)

ARTES 4.0: Space Systems for Safety and Security (4S)

ARTES 4.0: Optical & Quantum Communication – ScyLight

Secure Connectivity, (IRIS²)

ACCESS

- Element 1 SCALE-UP
- Element 2 BASS

Scientific Experiment Development Programme

PRODEX

ESA Mandatory Programmes

	Mio. euro.	DK budget. Mio. euro.	DK pct.
Basic Activities (5 years)	1.859	72,0	1,91%
Scientific Programme (5 years)	3.787	35,5	1,91%
Guyana Space Center (5 years)	680	6,5	0,95%

ESA ministerial conference 2025

Mandatory programmes:

Science Programme:

- 3,5 % budget increase
- Cosmic Vision plan: **LISA** and **NewAthena**
- Voyage 2050 plan: large-class mission 'L4' to Saturn and its moon, **Enceladus**

Basic Activities:

- SEED: ESERO and ESA Academy
- NURTURE: Technology development
- PRESERVE: ESA common infrastructure



Opportunities for Industry, Universities and Technological Institutes

Science Programme:

- Tenders are launched on [ESA Star](#)

Basic Activities:

- Tenders are launched on [ESA Star](#) for: TDE, Technology Development Element Activities
- Submit proposals through [OSIP](#)

All Danish entities can apply for ESA's Mandatory programmes – no need for support letters



ESA Basic Activities Portal

Check out activities already supported under

- Bottom up ideas - **“Discovery”**
- ESA initiated OSIP campaigns - **“Preparation”**
- 17 **“Discovery ideas”** from Denmark supported since 2021
 - Early Technology Development
 - Studies
 - Co-sponsored research

17 activities

Activity Status	Title	Start Date	Organization	Activity Type	DK
Closed	Dynamic 3D mapping with CubeSats	08/11/22	Aarhus University	co-sponsored Research	
Closed	Demonstrator for manufacturing electronic components in Space using Selective Atomic Layer Deposition	19/12/22	Atlant 3D Nanosystems	Early technology development	
Running	Very Wide-Band Risley Lens Beam-Steerable Antenna Design with a Low Profile	04/03/24	UNIVERSITY OF AALBORG	Early technology development	
Running	SpaceSite Lab. - A Full Scale Moon and Mars Test and Research Facility	05/04/24	DANISH TECHNOLOGICAL INSTITUTE	Study	
Running	SpaceAlign: Trustworthy Robotics for Large Space Structures	18/03/25	DANISH TECHNOLOGICAL INSTITUTE	Study	
Running	SKYWALKER: Safe Reinforcement Learning for Multi-Step Robotic Crawling and Navigation on Large Space Structures	27/03/25	Aalborg University	Study	

[Home](#) | [Activities Portal](#)

Career opportunities at ESA

Currently 22 jobs are open for applications

Director of Controlling, Finance and Operational Procurement		
Type of Appointment	Closing Date	Workplace
Director	16 February 2026 23:59 CET/CEST	Paris, FR
Director of Strategy, Legal and External Affairs		
Type of Appointment	Closing Date	Workplace
Director	16 February 2026 23:59 CET/CEST	Paris, FR

[Career opportunities at ESA](#)

Way forward for ESA funding opportunities

- Sign up for ESA Star Tenders and calls:
 - Optional and mandatory programmes
- Sign up for OSIP news
 - Optional and mandatory options
- Sign up for Brug rummet Newsletter for Danish calls and announcements
- Take note of our new home page: ufsn.dk

Check also ESA's [webpage for SME's](#)





**Danish Agency for Higher
Education and Science**

// OVER AND OUT

THANK YOU!



ESA BIC DENMARK & ESA TECHNOLOGY BROKER

Managed by Space Ventures DK

 @esa-bic-denmark

 hello@esabic.dk

 @esa-technology-broker-denmark

 techbroker@esabic.dk





BUSINESS
INCUBATION
CENTRE

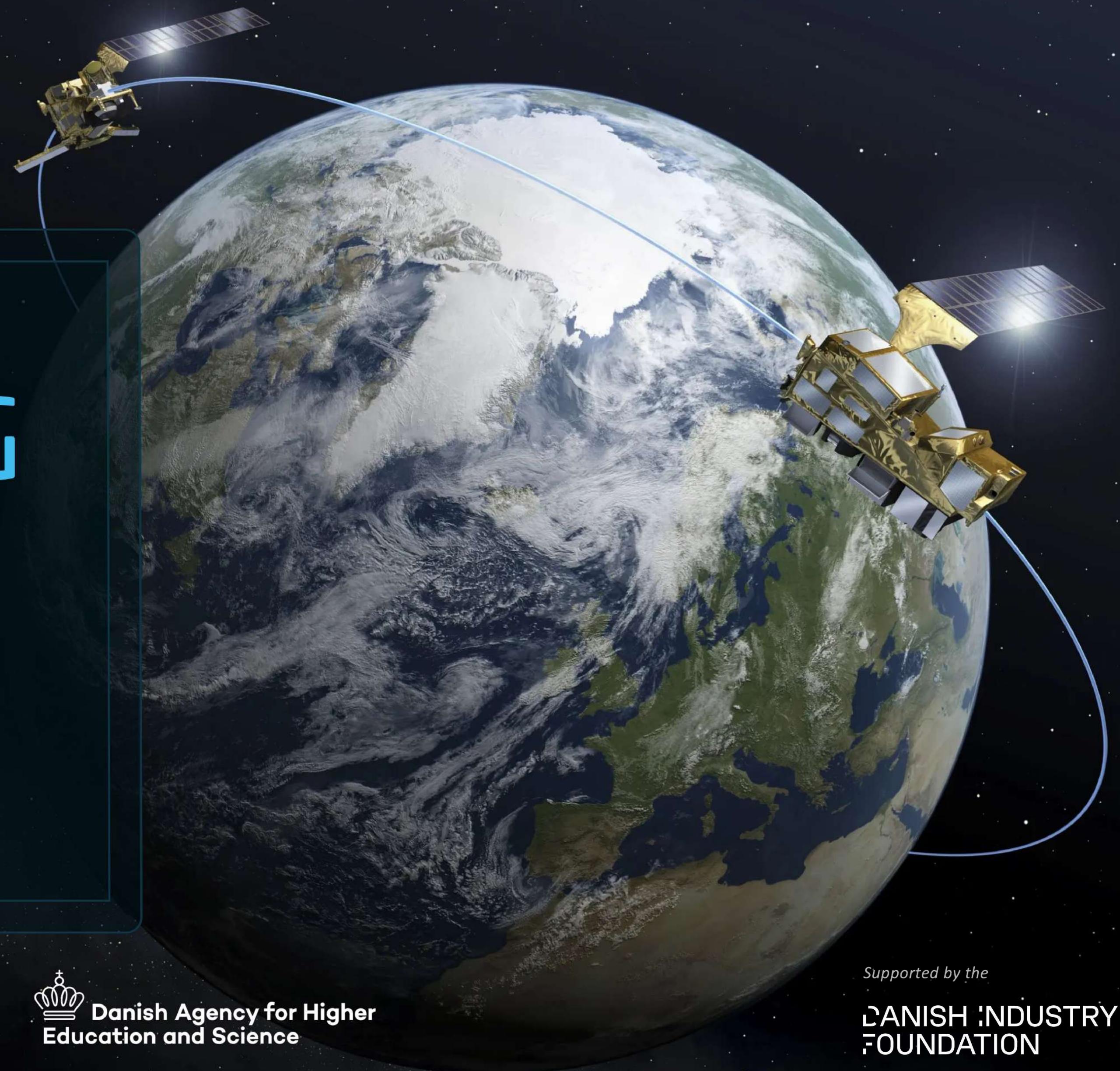
TECHNOLOGY
BROKER

Denmark

//INFO MEETING

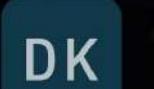
PUBLIC FUNDING OPPORTUNITIES FOR SPACE

12 JANUARY 11:00 TO 13.00 CET



Co-organized by:

SPACE VENTURES



Innovation Fund Denmark



Danish Agency for Higher
Education and Science

Supported by the

DANISH INDUSTRY
FOUNDATION