



# Youth Entrepreneurship Policy Academy



Workshop #2: Green entrepreneurship

16 October 2023

David Halabisky, OECD CFE



[www.yepa-hub.org](http://www.yepa-hub.org)

#yepa

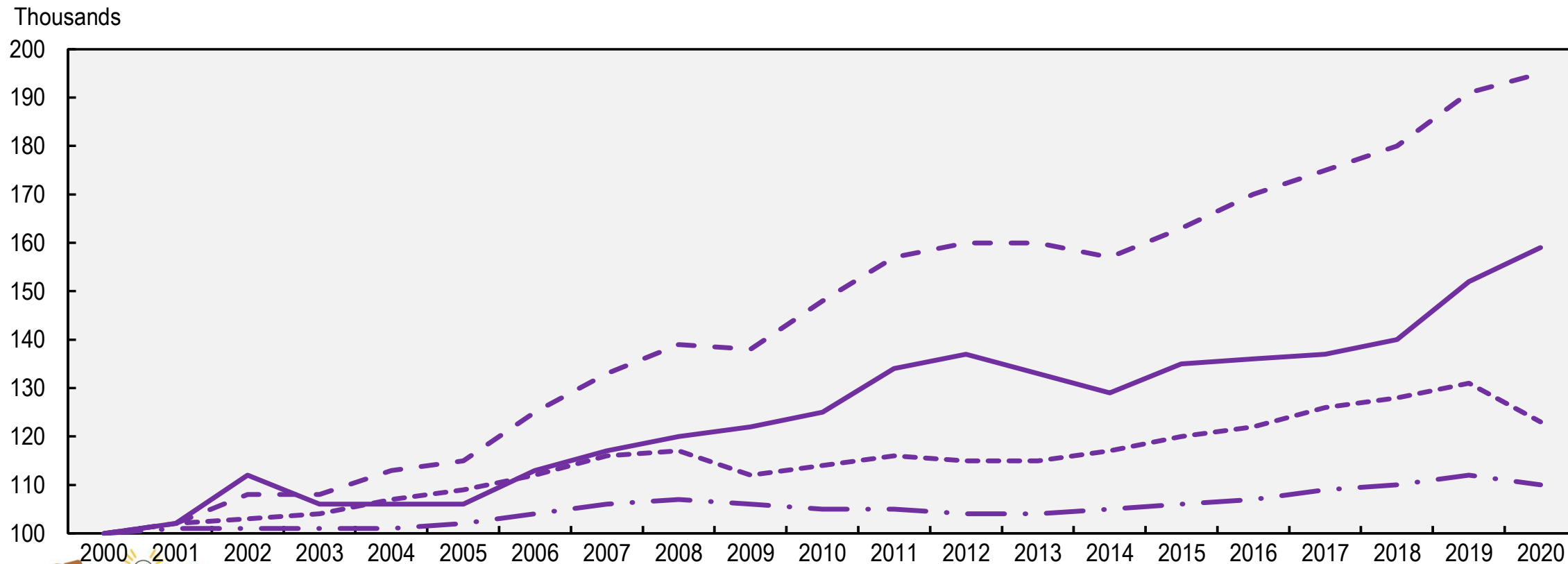
# What is green entrepreneurship?

- Green entrepreneurship encompasses the development and deployment by new start-ups of green products, services and processes, i.e. those that either:
  - reduce or prevent any type of environmental damage; or
  - omit less pollution and waste, or are more resource-efficient than equivalent normal products, services and process that have the same result. Their primary use, however, is not one of environmental protection.



# Environmental economy is growing in the EU

— Environmental economy: employment  
- - Environmental economy: gross value added  
- . - Overall economy: employment  
- - - Overall economy: gross value added



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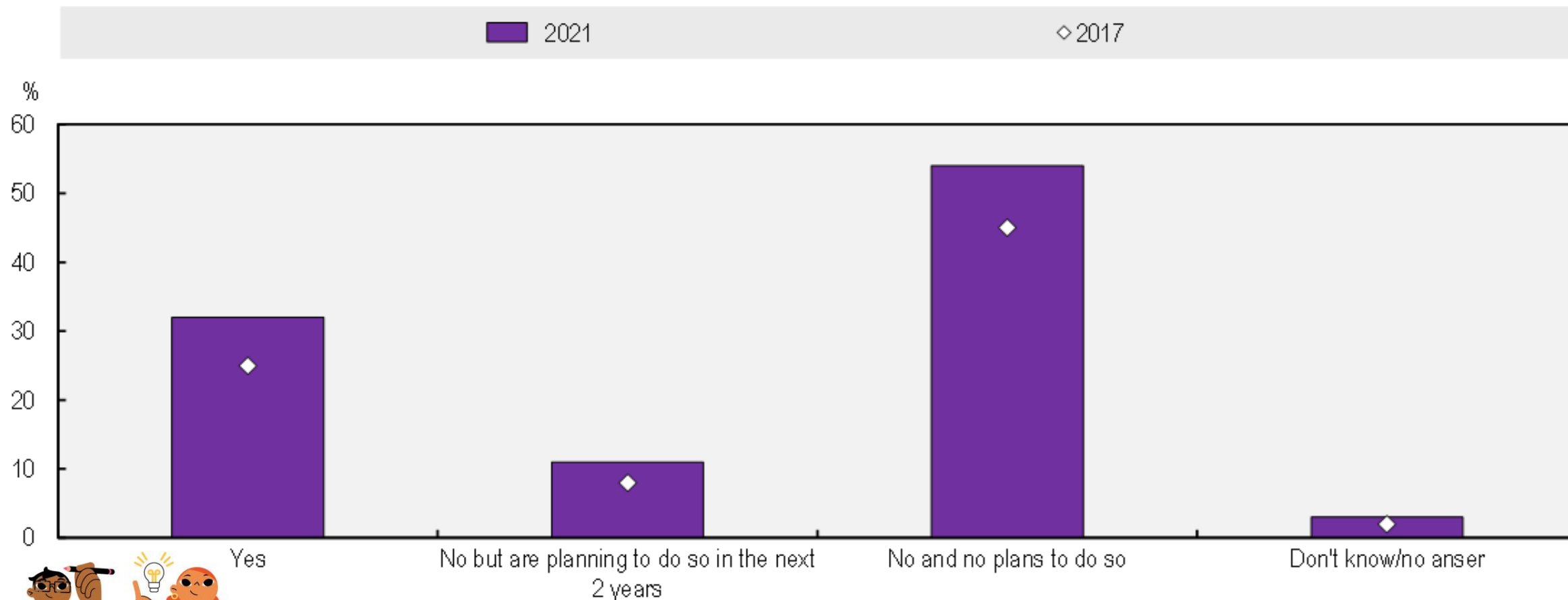
Youth  
Entrepreneurship  
Policy Academy



European  
Commission

# One-third of businesses offer green solutions

a) Does your company offer green products or services (% of SMEs, EU27)



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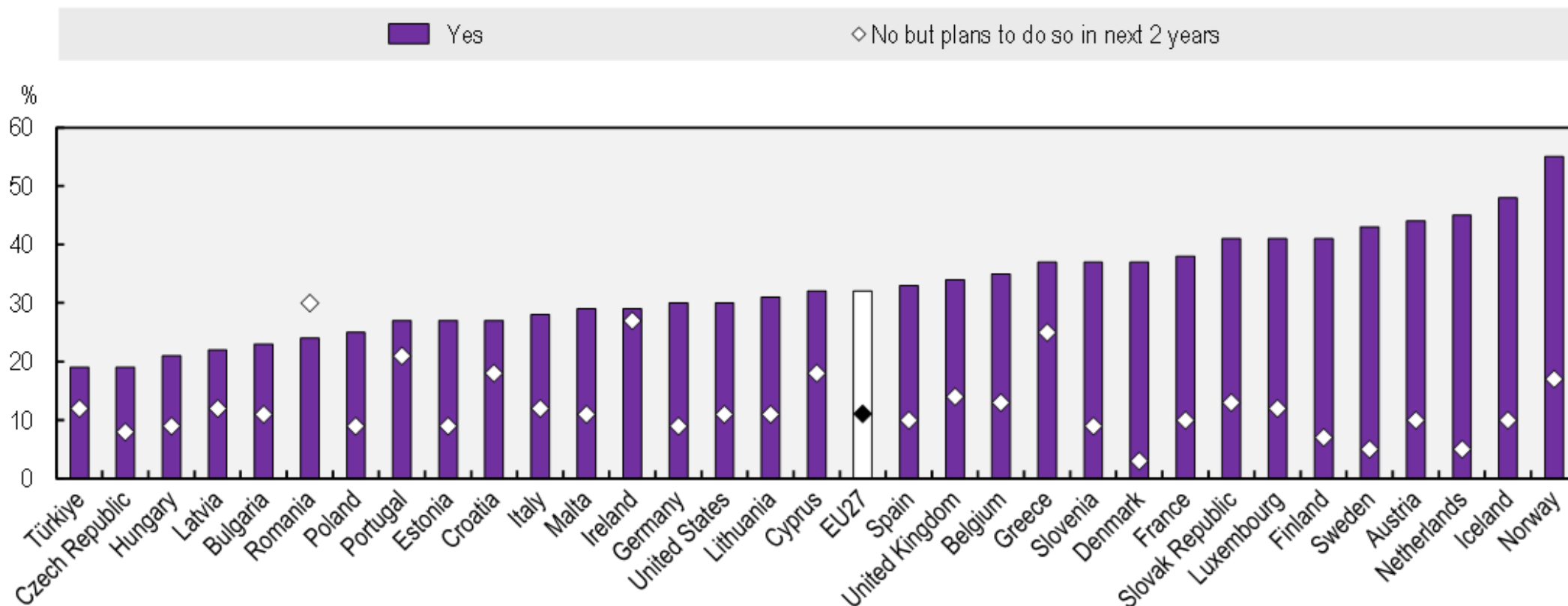


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# Green solutions by country

b) Does your company offer green products or services (% by country)



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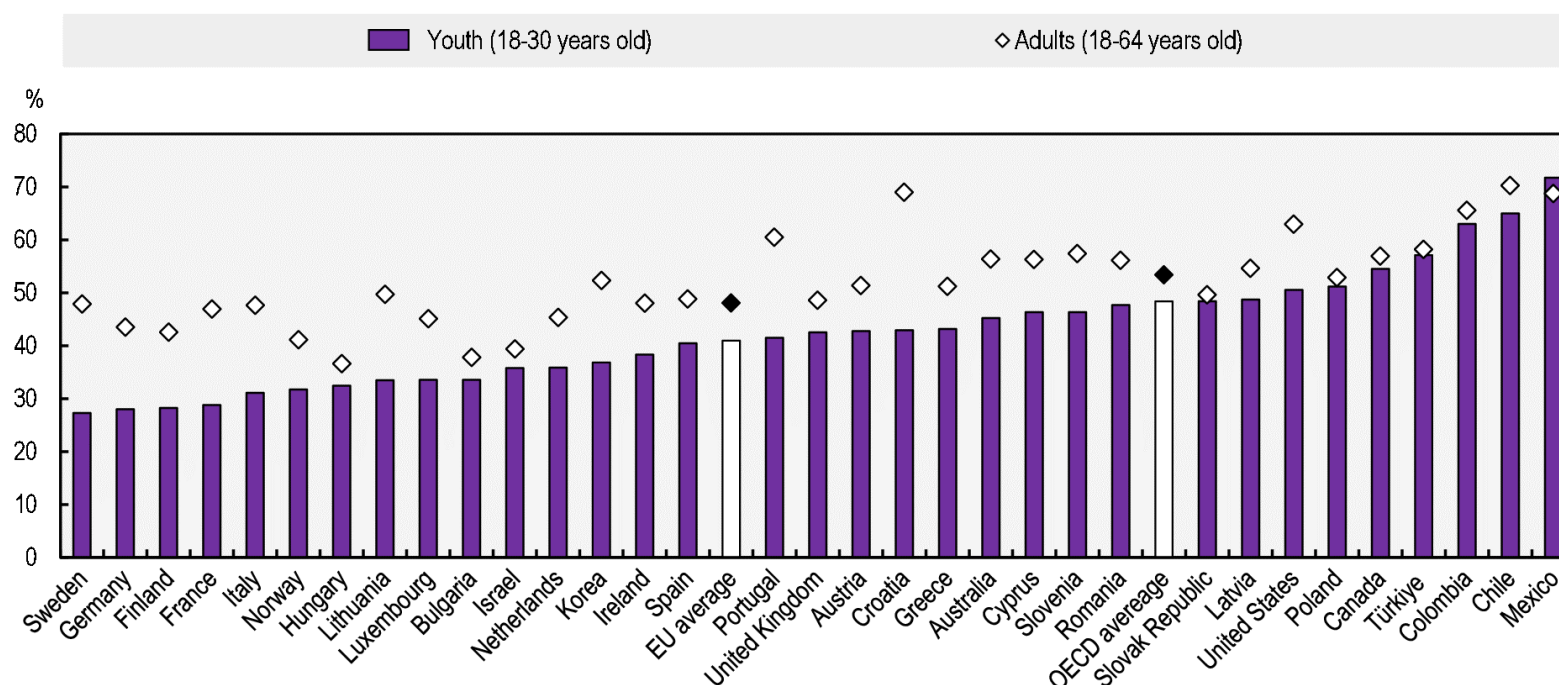


European  
Commission

# What challenges limit young entrepreneurs' ability to innovate and grow?

- Skills gaps
- Lack financial capital
- Smaller and less diverse networks

Young people are less confident in their entrepreneurial skills compared to adults



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Policy Academy



# What are governments doing?

## Building demand for green solutions

Carbon pricing

Regulatory changes

Circular economy

Expanding green public procurement

## Direct support for green entrepreneurs

Supporting the development of green skills

Facilitating access to green finance

Create opportunities through public-private partnerships

Green incubators and accelerators



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# Thank you!

## Any questions?



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#yepa





# DTU

## Developing Skills for Green Start-ups

*Carina Lomborg*

*Associate Professor at DTU Entrepreneurship*

*Academic Director – Msc Technology Entrepreneurship*

OECD YEPA

October 16th, 2023





# DTU mission

DTU develops and creates value through the technical and natural sciences for the benefit of society.

**Hans Christian Ørsted**  
Founder of DTU

# Innovation at DTU

DTU departments and centres

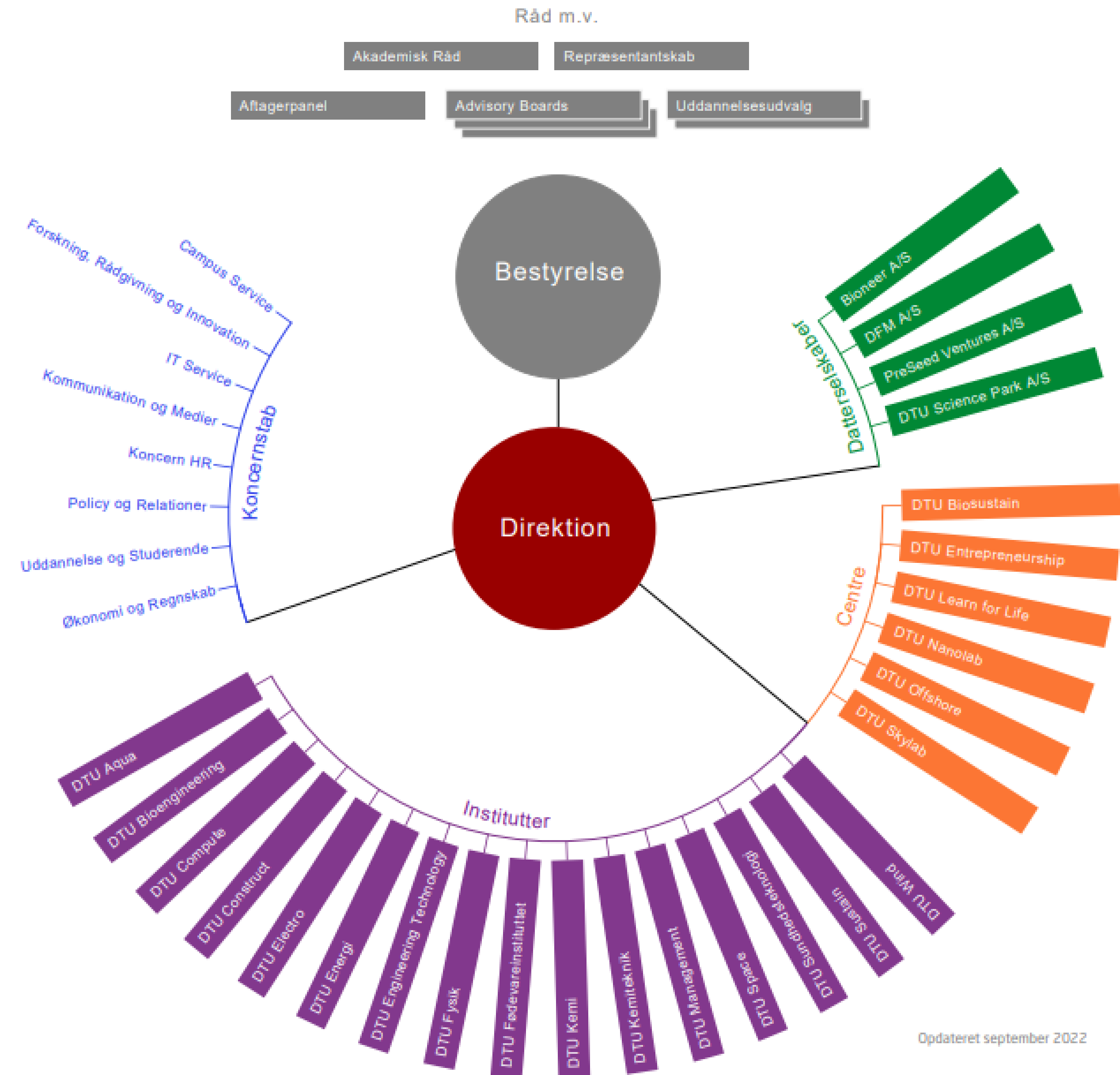
**DTU Entrepreneurship**  
Education and research

**DTU Skylab**  
Innovation programmes and community

**AFRI**  
IPR, licensing, partnerships

**DTU Science Park**  
Deep tech

**PreSeed Ventures**  
Early Stage VC



A misty, green forest landscape with rolling hills and dense trees, serving as the background for the text.

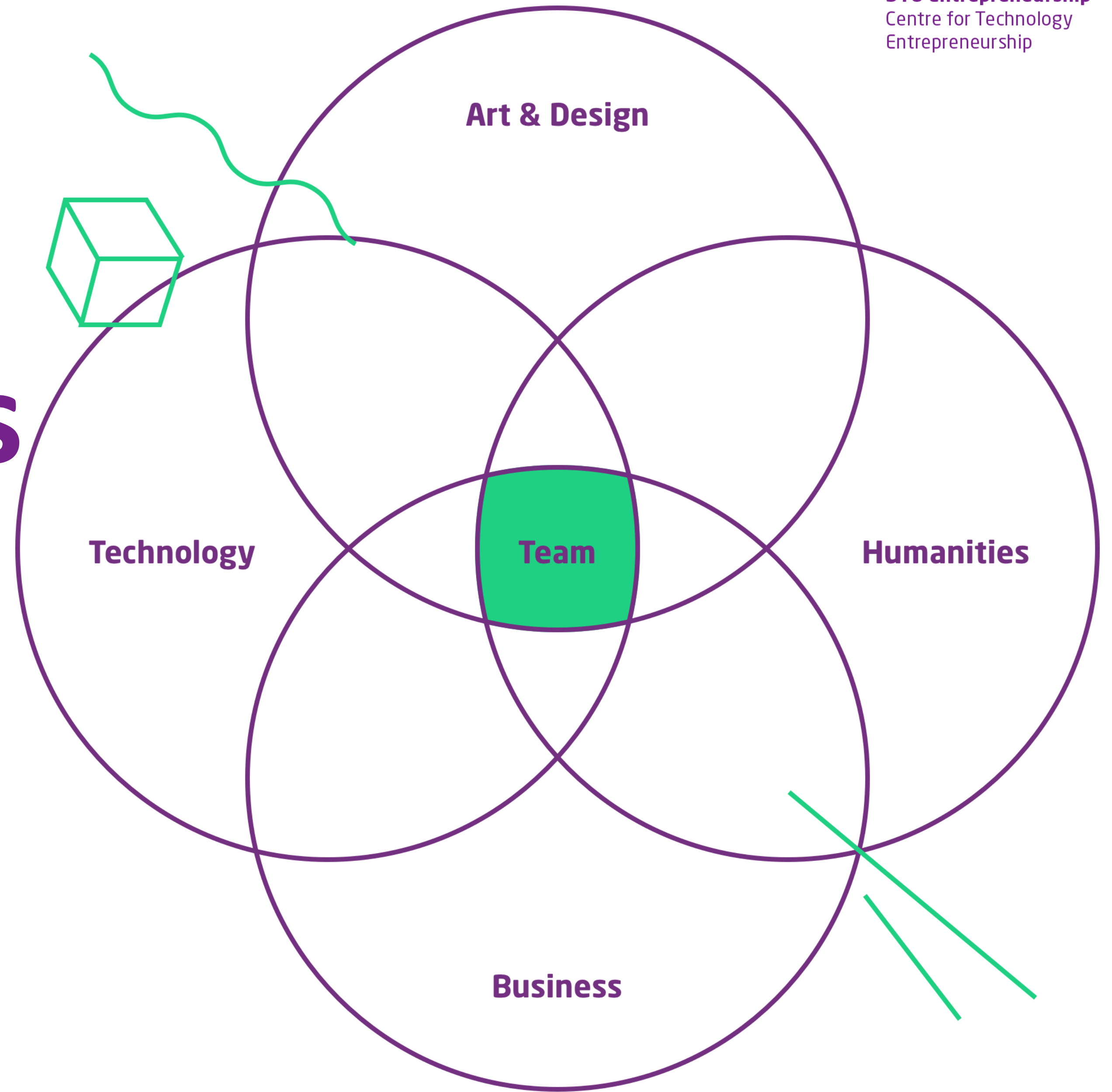
**WE BUILD ENTREPRENEURIAL  
CAPABILITIES TO BENEFIT  
PEOPLE, SOCIETY AND  
THE WORLD**

# Graduate with a degree and a startup.

MSc in Technology Entrepreneurship



Develop  
alongside peers  
who are  
different from  
you.



# Building **GREEN** Entrepreneurial capabilities

MSc Technology Entrepreneurship

Board Education

Green Deep Dives

Feasibility Studies

Due Diligence

X-Tech

X-Tech+

Entrepreneurial Thesis

Green-UP Accelerator

All MSc Programmes

Skylab Ignite

Skylab Incubator

Entrepreneurial Thesis

Innovation in Engineering

Green Challenge

Startup Funding

Facilitating Multi-Disciplinary Teams

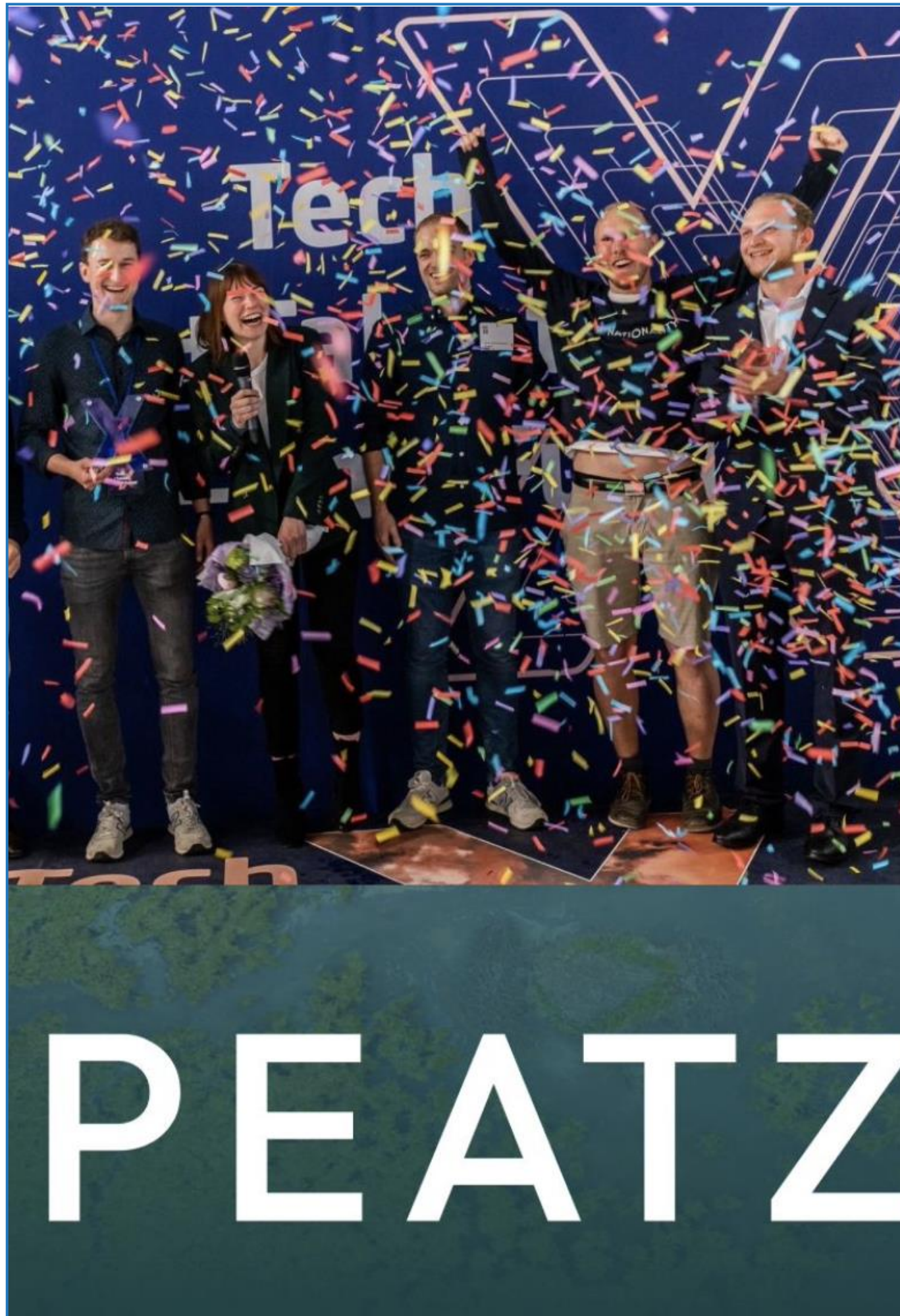
Ecothrophelia Challenge

Earthbound

Quantitative Sustainability

# Student start-ups

## Restoring Peatlands



## Assessing marine biodiversity



## Sustainable mycelium-based protein





**BUSINESS  
FINLAND**

# **Business Finland Funding for startups**

**Reijo Munther**

Head of EU Initiatives

16.10.2023



# WHAT MAKES THE FINNISH STARTUP SCENE SPECIAL?



- 1.** Developed entrepreneurship culture; startups are highly supportive of each other.

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- 2.** Education in Finland is free of charge all the way up to and including higher education, which means lots of intelligent, well-educated people to hire

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- 3.** Failure is OK in Finland – the welfare system will take care of you even if you fall hard.

# Startup ecosystem

## Private and public funding



## Regional business advisors



Events

JUNCTION



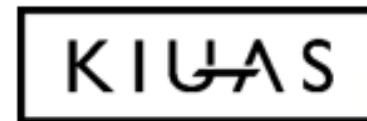
## Communities & co-working spaces



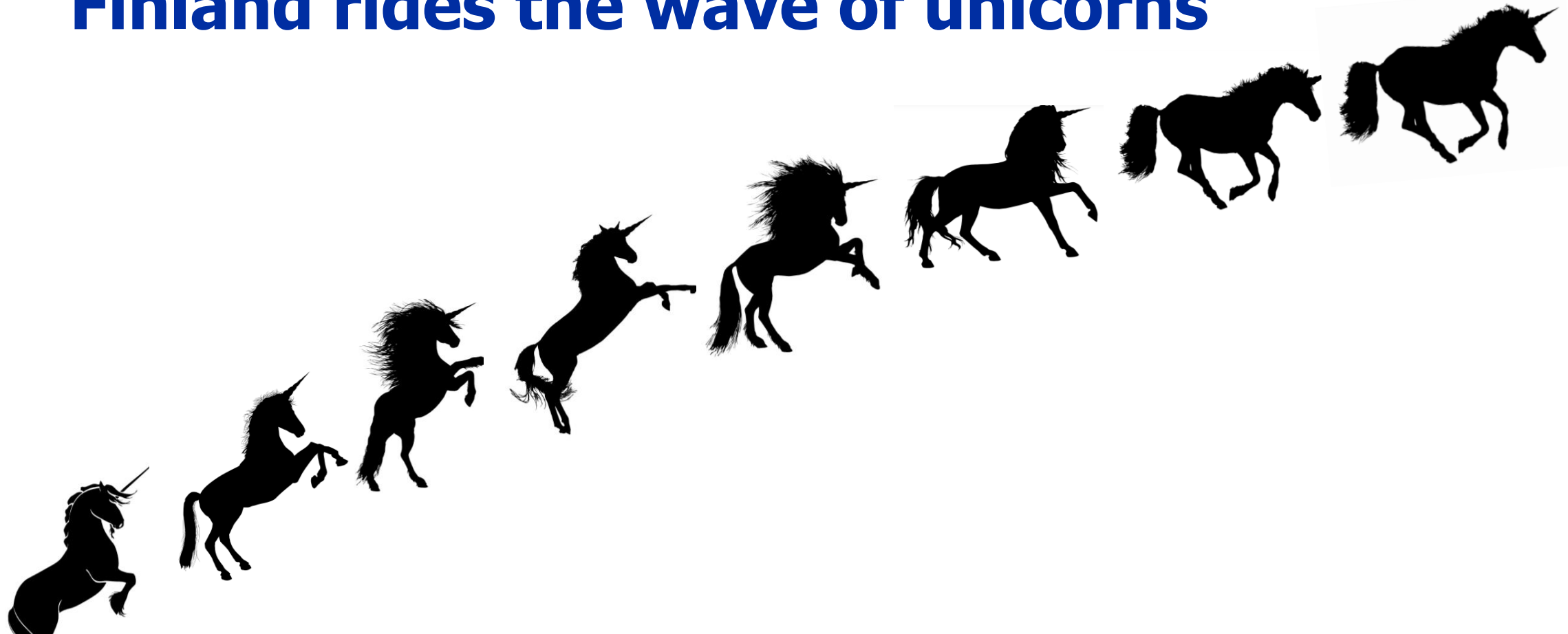
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## Accelerators / incubators




# Finland rides the wave of unicorns



Potential future unicorns:





The Finnish startup community aims to achieve 10 billion euros in net sales for Finnish startups by 2030.

It is realistic to expect that the Finnish startup ecosystem will become as important a player as the Finnish forest and metal industries combined.

In the long term, the ecosystem is likely to become the most significant cornerstone of Finland's economic growth.

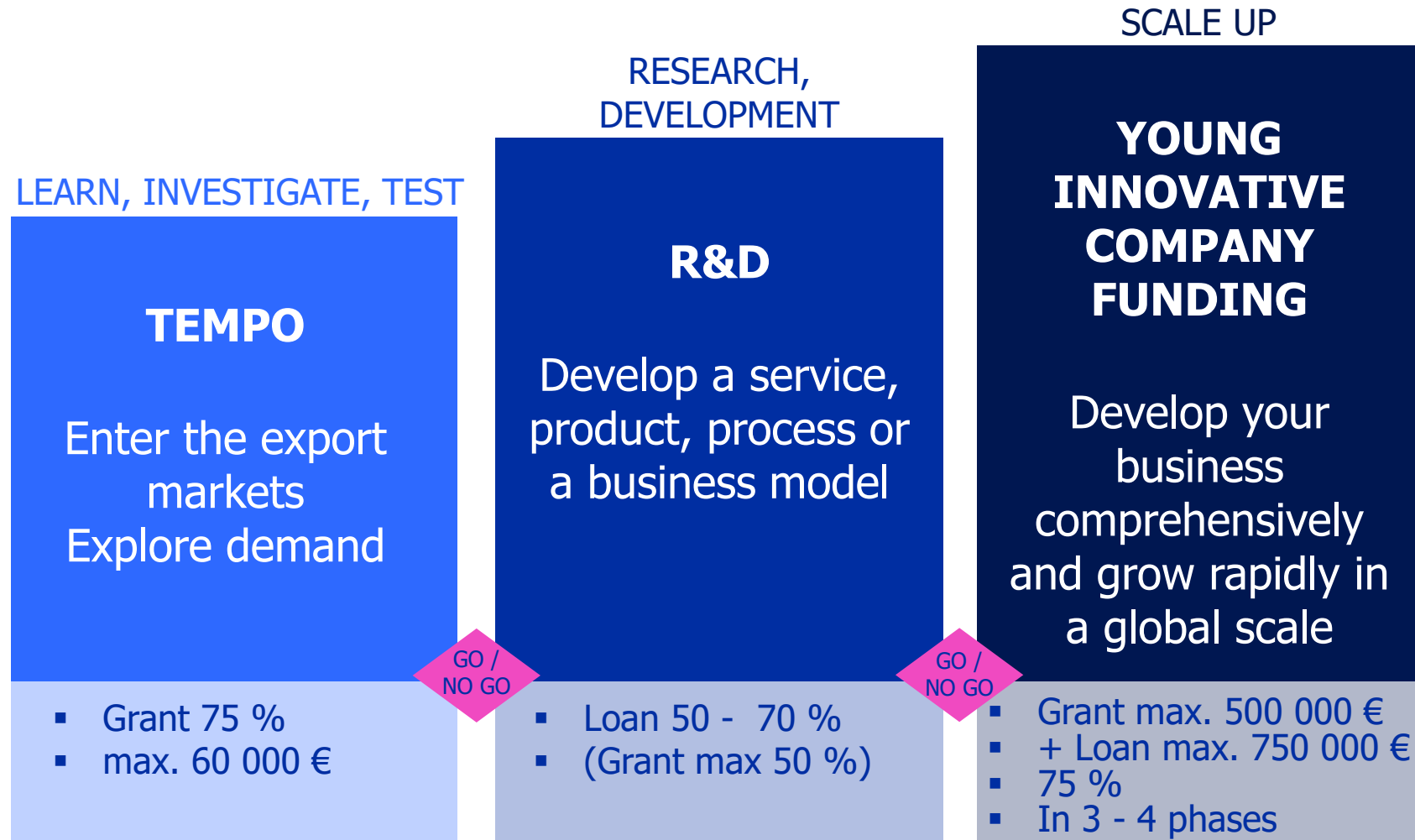
Startups may contribute to 10-15 percent of the targeted increase in R&D investments in the 2020s.

Startups concentrating in sustainability and especially on circulation economy are growing



# FUNDING SERVICES FOR YOUNG GROWTH COMPANIES

(under 5 years old startups)



A scenic landscape of a lake at sunset. The sky is a mix of orange, yellow, and blue. In the foreground, there are tall reeds. In the middle ground, there is a small boat on the water. The background shows a forested shoreline under a hazy sky.

# KIITOS THANK YOU

**Reijo Munther**

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EUROPEAN NEW SPACE LEADER

# ICEYE

**2018**

**WORLD'S FIRST SMALL  
SAR SATELLITE LAUNCHED**

**400+**

**PEOPLE WITH  
60 NATIONALITIES**

**\$304M**

**FUNDING RAISED  
SINCE 2015**

**HEADQUARTERS IN  
FINLAND,**

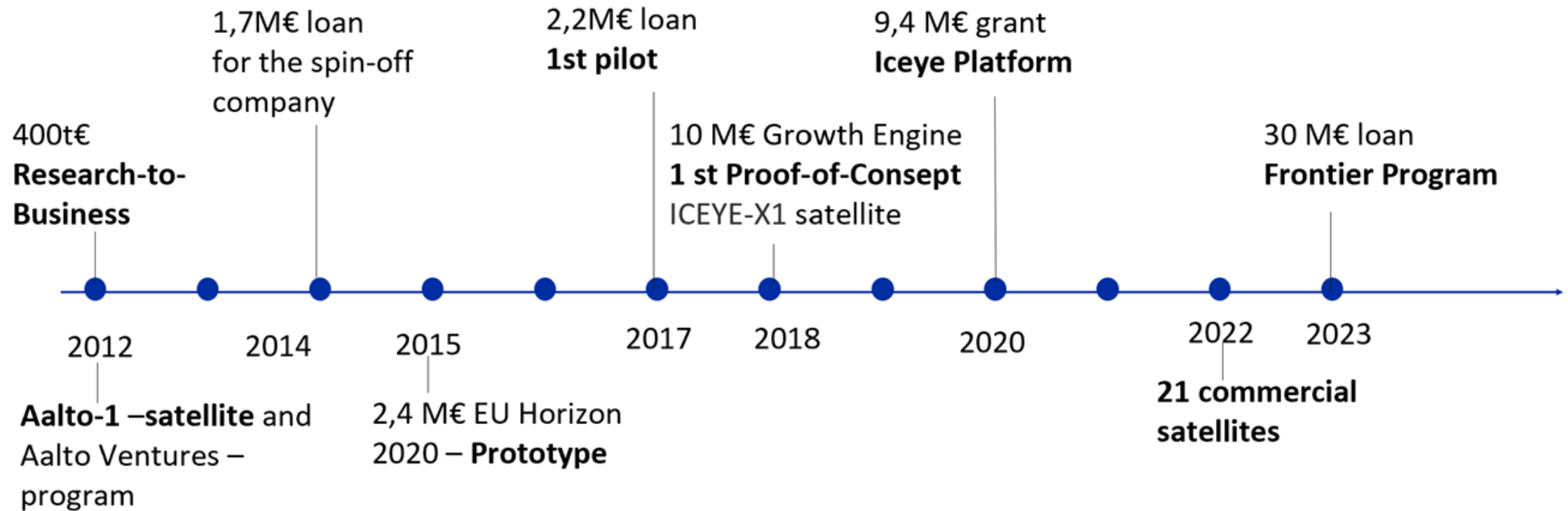
**4 SUBSIDIARIES:  
POLAND, US, UK and SPAIN**

**WORLD LEADER  
IN SAR MINIATURIZATION  
TECHNOLOGY**

**EXISTING PORTFOLIO OF  
INTERNATIONAL  
CUSTOMERS**

**ICEYE**

# ICEYE - BUSINESS FINLAND'S SUPPORT ON THE GROWTH PATH



# BF FUNDING IN GENERAL

- Grants and loans
- Non-dilutive, no equity stake
- We are not active on the board level (unlike VC)
- For companies and research organizations
- Milestones for each funding tranche
  - New customers
  - Revenue growth
  - Strengthening the team
  - VC funding

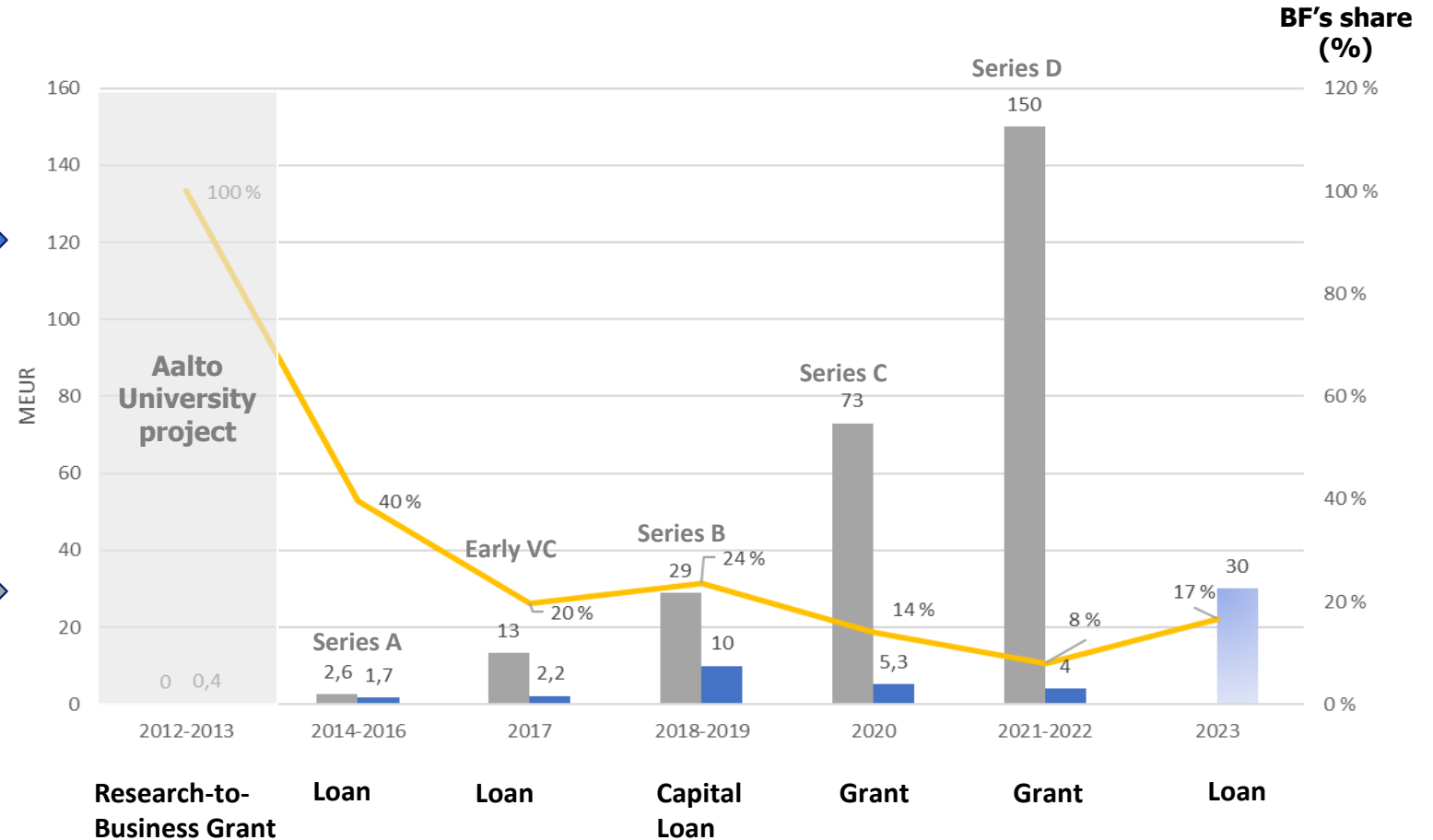
# ICEYE has raised a total of \$304M in financing from world-class investors such as Seraphim Space

Our commitments to Iceye:

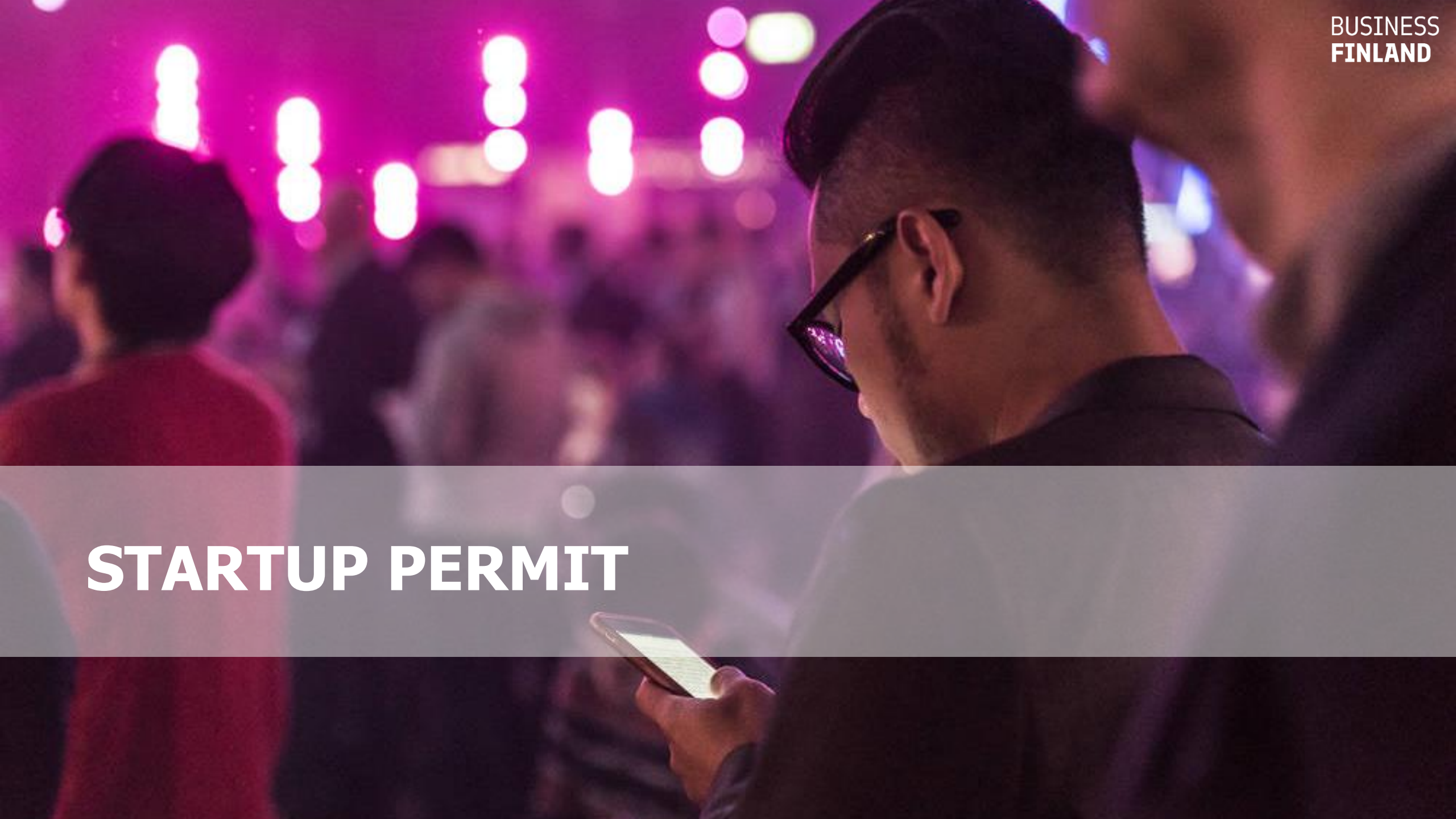
- 50 M€ of funding

Highly leveraged with private funding:

- 5x more VC financing raised



# STARTUP PERMIT



# STARTUP PERMIT

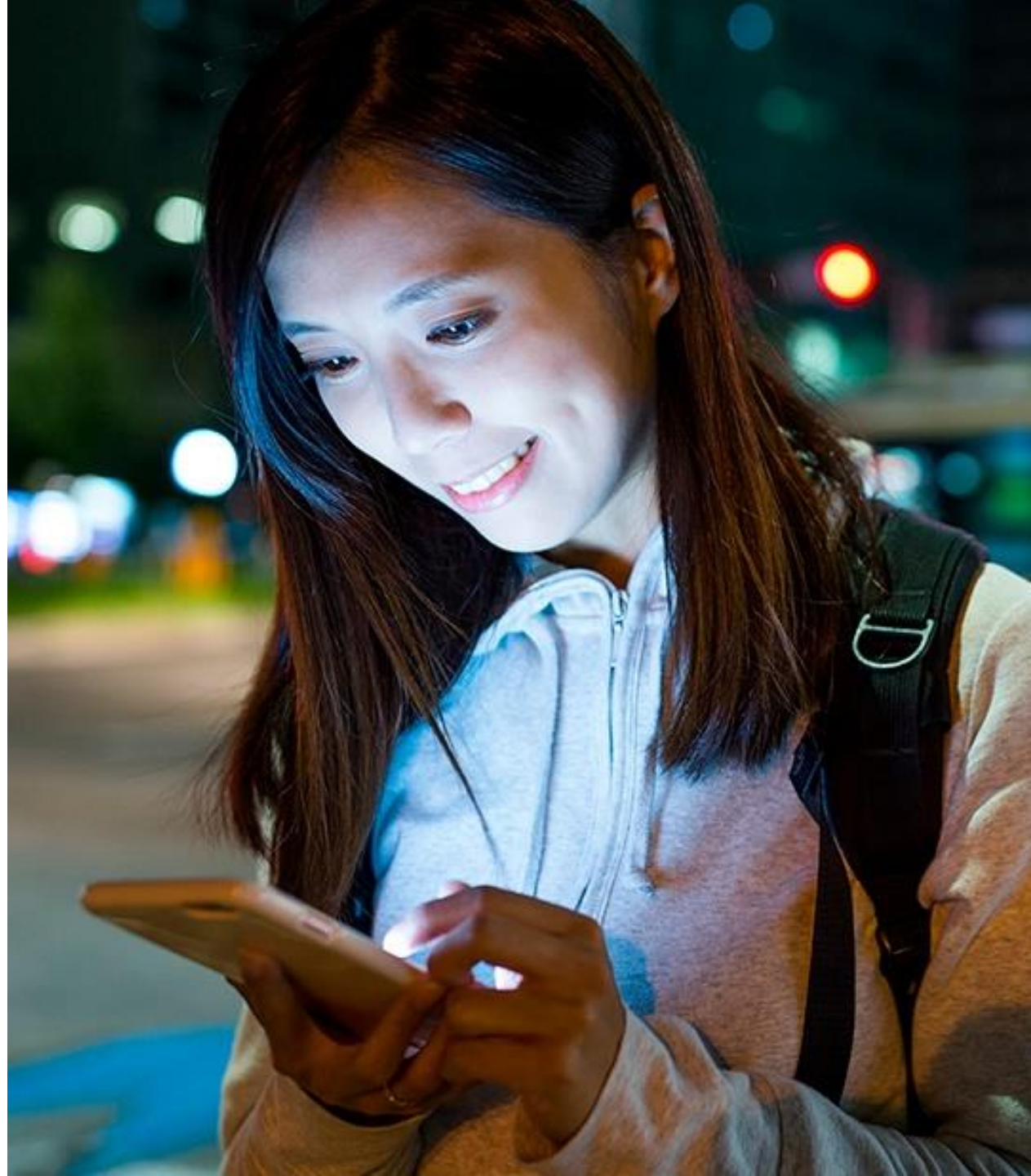
A residence permit for **innovative startup entrepreneurs** coming from outside EU/EEA countries

For maximum **2 years**, with possibility to extend the residence

**Online** application

**Evaluation** by Business Finland and Finnish Immigration Service (Migri)

Spouse and children can apply as **family members**





# **BUSINESS FINLAND VENTURE CAPITAL**

# BFVC is a government-owned investment company which invests in early-stage venture capital funds.

