



# Technology Incubation Programme

**Mgr. Jana Frantíková**  
Coordinator R&D

**12.04.2024**

[www.czechinvest.org](http://www.czechinvest.org)

# CzechInvest

- National Business Development and Investment Promotion Agency
- Part of Ministry of Industry and Trade
- Established 1992
- Services provided free of charge
- 8 offices abroad
- 13 offices in the Czech Republic



## CzechInvest's activities and services



Promotion of the Czech economy, technologies and R&D in abroad

Development of Czech technology firms' potential

Support for "smart" investments

Support programs for startups

Cultivation of the business and investment environment in all regions of the Czech Republic

Assistance for Czech firms when entering foreign markets

Linking of partners from the business and R&D spheres

Use of trends in progressive sectors of the global economy



# Technology Incubation Programme 2022-2027



[Home](#)

[About Technology Incubation](#) ▾

[News](#)

[Events](#)

[Startups](#)

[Contact](#)

[For media](#)

WE SUPPORT INNOVATIVE STARTUPS

## Incubation of startups

Our goal is to find and support 250 innovative technology companies and develop the startup ecosystem in seven progressive sectors important for the economic development and competitiveness of the Czech Republic.

[More about the project](#)

[I am interested in incubation](#)



Drive for  
success

# Technology Incubation

## Sectoral Focus:

- ▶ **ADVANCED TECHNOLOGIES & MATERIALS**
- ▶ **ARTIFICIAL INTELLIGENCE**
- ▶ **CREATIVE INDUSTRIES**
- ▶ **ECOTECH: GREEN TECHNOLOGIES**
- ▶ **NEW MOBILITY SOLUTIONS**
- ▶ **SPACE TECHNOLOGIES**
- ▶ **TECH4LIFE**
  - **LIFE SCIENCE TECHNOLOGIES**
  - **DEFENCE & SECURITY TECHNOLOGIES**



# Sectoral Focus of the Programme

## Creative Industries

- Architecture and Public Space
- Design
- Non-Tech CCI
- Gaming
- Virtual and Augmented Reality
- Visualization



CREATIVE HUB

## HealthTech

- Medical Devices
- Pharmaceuticals
- Biotechnologies
- Digital technologies in healthcare
- Advanced materials in healthcare



TECH 4 LIFE HUB

## Mobility

- Autonomous driving
- Smart logistics & manufacturing
- Clean mobility
- Public transport
- Mobility as a service
- Connectivity & digitalization



MOBILITY INNOVATION HUB

## AI and Digital

- AI
- Big Data
- Blockchain
- Digital connection and IoT
- Network security
- SW and HW development
- Data security and cloud services



AI HUB

## Adv. Materials/Technologies

- Advanced machines
- Nanotechnology
- Advanced materials
- Robotics
- Innovative manufacturing technologies
- Micro and nanoelectronics
- Optics and photonics



AMT HUB

## EcoTech

- Batteries and renewable energy sources
- Hydrogen
- Smart networks
- Lightweight
- Industrial chemistry
- Reduction of pollution
- Sustainable technology
- Sustainable food systems



ECOTECH HUB

## Space

- Remote sensing
- Satellite navigation
- Space security
- Microgravity and space exploration
- Advanced research in telecommunications systems
- Upstream



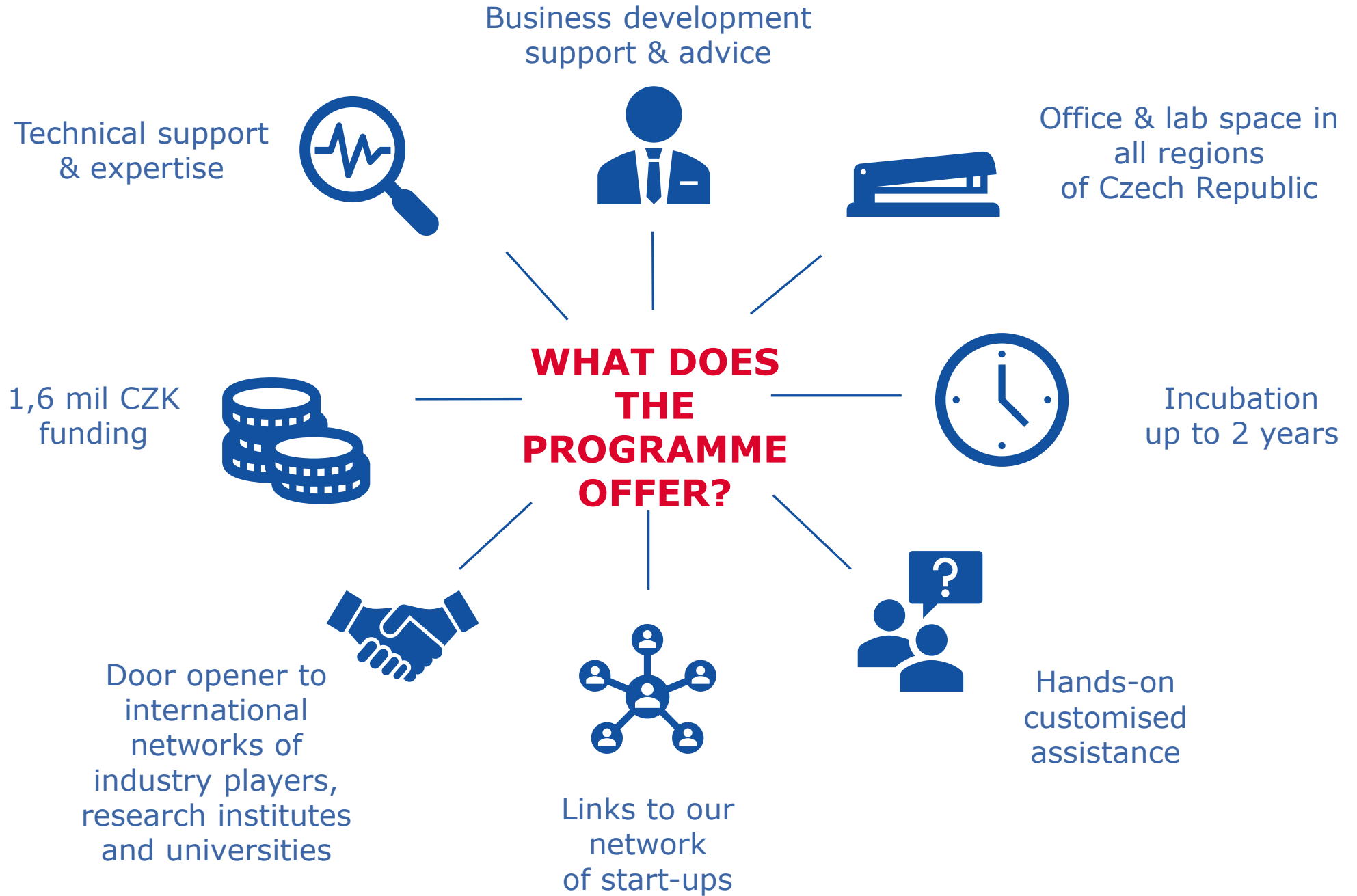
SPACE HUB

## Aerospace and Defence

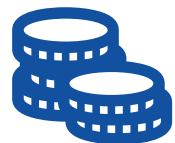
- 5G network
- Aircraft components and avionics
- Radar systems
- UAV/UAS Defence-related R&D
- Aircraft dev. and manufacturing
- Dev. and manufacturing of engines



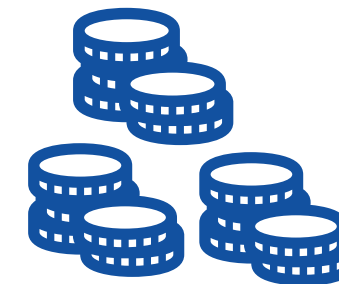
TECH 4 LIFE HUB



# Incubation Plus Option



1 600 000 CZK



Up to 5 000 000 CZK



More thorough  
evaluation process



Proven significant qualitative and/or  
quantitative growth potential of startup's  
product or service

# Application Process

**1. Pre-application mentoring**

**3. Technology expert evaluation**

**4. Evaluation committee**

**2. Application**

- Incubation plan
- Business plan

**5. Contract signed**

**INCUBATION**

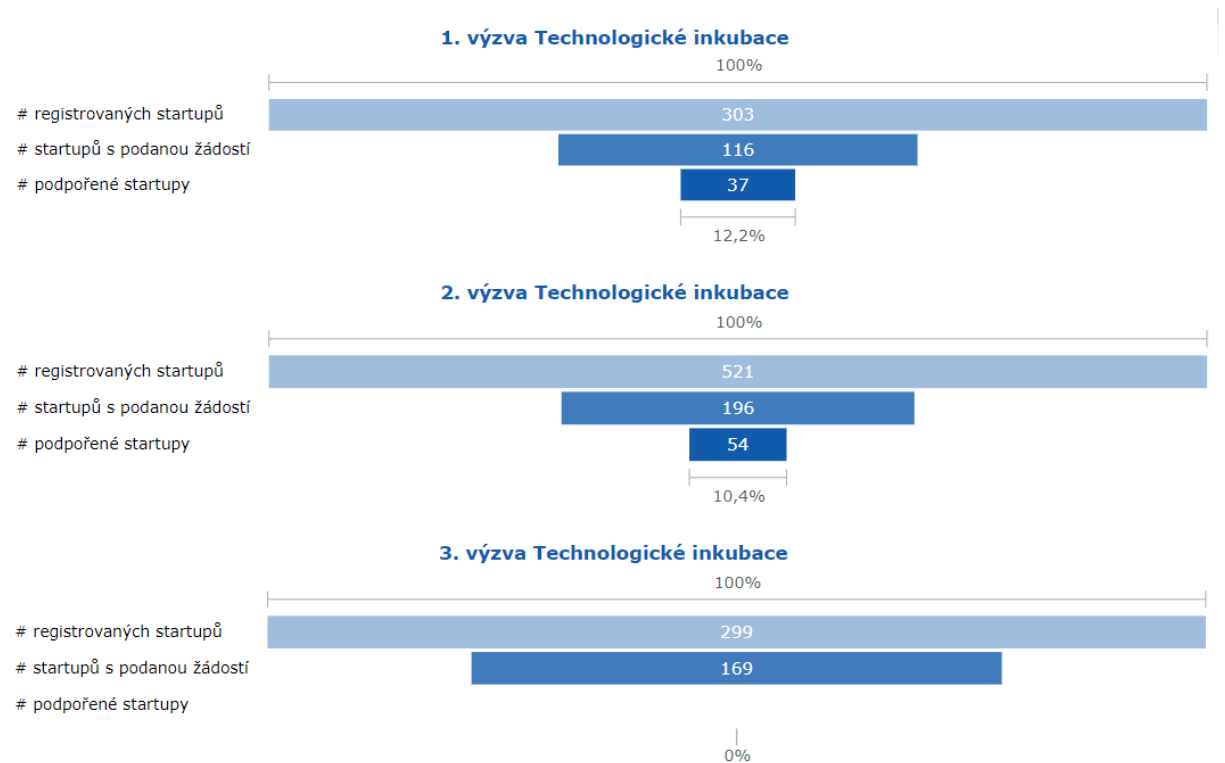


# Evaluation Criteria

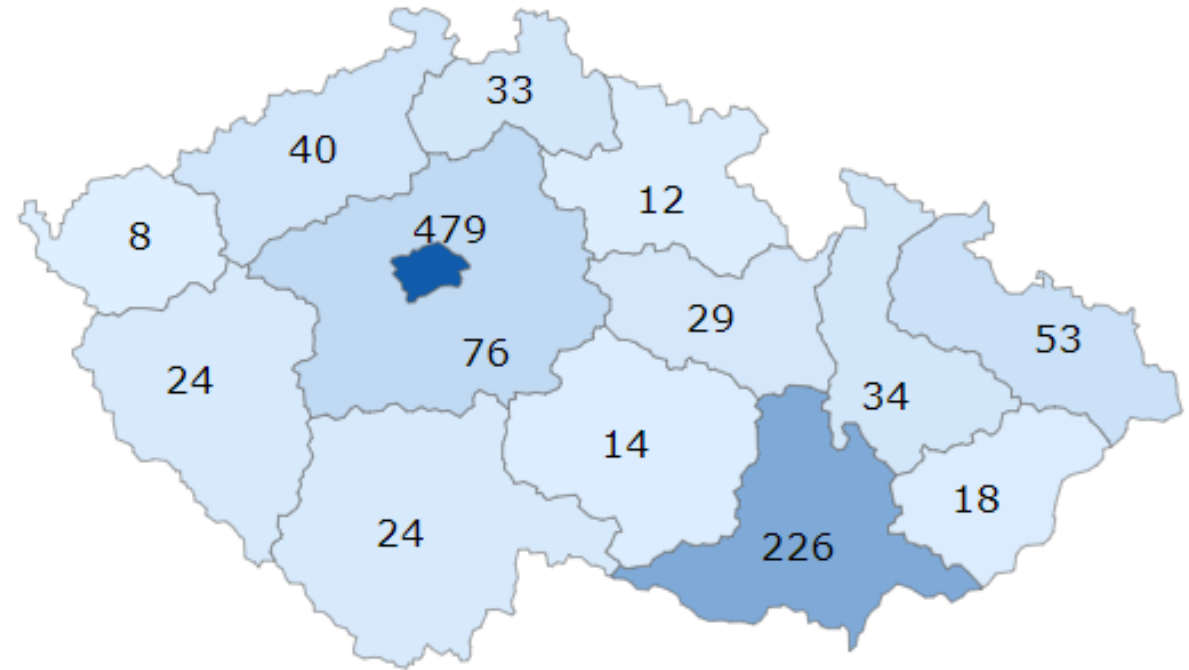
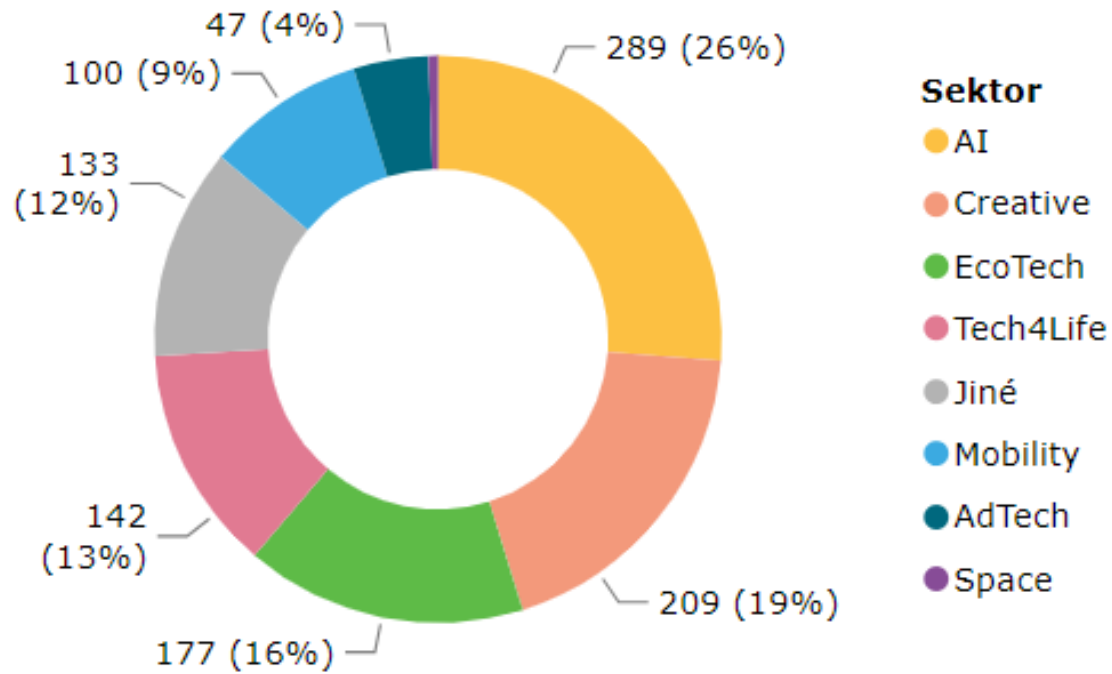


# Data on the Programme

- 1058 registered startups
- 481 applications from 410 startups
- 37 projects selected in 1st call (2022)
- 37 startups finished incubation in 12/2023
- 54 Projects selected in 2nd call (2023)
- 54 startups started incubation in 1/2024
- 3rd call being evaluated
- 4th call planned for this spring
- 5th call planned for this autumn
- Minimum 250 projects will be supported by 2027



# Registered Startups



# Examples of Startups Selected in the 1st Call

- ❖ **Amitia Industry**: advanced production planning with the use of AI
- ❖ **Filuta AI**: automation of processes with the help of AI
- ❖ **Innovac Technology**: digitisation of manufacturing with the help of AI
- ❖ **Nullspaces**: digital production assistant for manufacturing
- ❖ **Pinflow Energy Storage**: new highly-efficient batteries (for stationary applications) based on redox flow technology
- ❖ **Shear1**: smaller & cheaper alternative for testing asphalt samples to determine asphalt mixture resistance to permanent deformations & optimize mix design

# Successful Startup from our 2016-2022 Programme

First Czech Start-ups Landed in the Big Apple

CzechAccelerator New York Is Now Open

## 2018

08.02.2018



## 2023


We work with



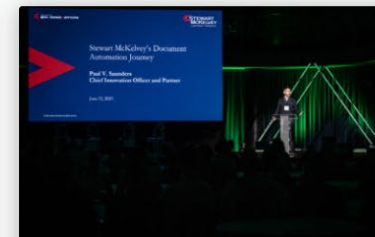
...and over 400,000 others

On January 30, 2018 Manhattan's Bohemian National Hall hosted the ceremonial launch of CzechAccelerator, a project implemented by CzechInvest. The first two Czech start-ups – [TouchArt](#) and [Legito](#) – began a three month-long program powered by renowned companies from only a handful of countries, such as Canada and Germany, with their own national acceleration programs in New York.



 upright

Case Study: Upright Leverages Smart Technology to Take the Hassle out of Real Estate Funding



Legito PowerUp 2023: Stewart McKelvey's Document Automation Journey

Paul travelled from Canada to share



Case Study: Significant Process Efficiency Gains Realized by Miami Lending Practice

RBI Private Lending is a direct private



# Thank you

[Jana.Frantikova@czechinvest.org](mailto:Jana.Frantikova@czechinvest.org)

[www.czechinvest.org](http://www.czechinvest.org)

Agentura pro podporu podnikání a investic  
Štěpánská 15, 120 00 Praha 2, Česká republika