

# INNORBIT

CAPACITY & SUPPORT FOR  
SUSTAINABLE SPACE INNOVATION

## The InnORBIT Journey

**VISIT:** [innorbit.eu](https://innorbit.eu)

**CONTACT:** [info@innorbit.eu](mailto:info@innorbit.eu)



### PARTNERS



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101004212.

# InnORBIT at a glance



***“Empowering innovation intermediaries to generate sustainable initiatives to incentivise and accelerate the commercialisation of space innovation”***

Funded under the European Union’s Horizon 2020 Research and Innovation programme under [Grant Agreement No. 101004212](#)

Coordination and Support Action (CSA)

Started on [January 1<sup>st</sup>, 2021](#)

Project duration [31 months](#)

Total budget [€ 999,937.50](#)

EU contribution [€ 999,937.50](#)



# Our Motive

## The EU space sector is on the rise!

1.3 billion annual revenue of the downstream space sector and 6% annual growth by 2022

## Expanding opportunities

for innovative space products, applications and services even in non-space sectors, as global activity in commercial space is 76% private

## Entrepreneurs need business support

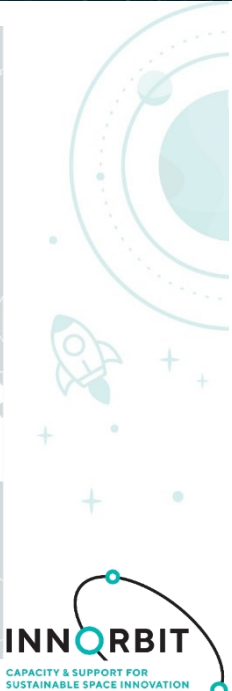
to exploit new opportunities as they lack business skills and access to finance and funding

## Startups in SE and CE Europe are missing out

70% of European aerospace clusters are concentrated in Western Europe.

## What does InnORBIT do?

- + InnORBIT established sustainable local space initiatives in South Eastern and Central Eastern Europe and empower innovators
- + to exploit space technologies, data, and applications for the development of products and solutions with commercial applications in various business sectors



# How do we Support Space Innovation?



## Capacity building programme

*for innovation intermediaries*

Awareness raising about opportunities in space industries

Train the trainers to **set up** and **run** local space initiatives

Train to **deliver** and **exploit** business support services



## Business support programme

*for innovators (startups, scaleups, SMEs...)*

- Mentoring
- Coaching
- Networking
- Matchmaking
- Demo days
- Access to finance



## Digital toolbox

*to support the delivery of core programmes*

- Profiling and needs assessment tool
- E-learning
- Forum

## Plan, Pilot Activities and European roll-out

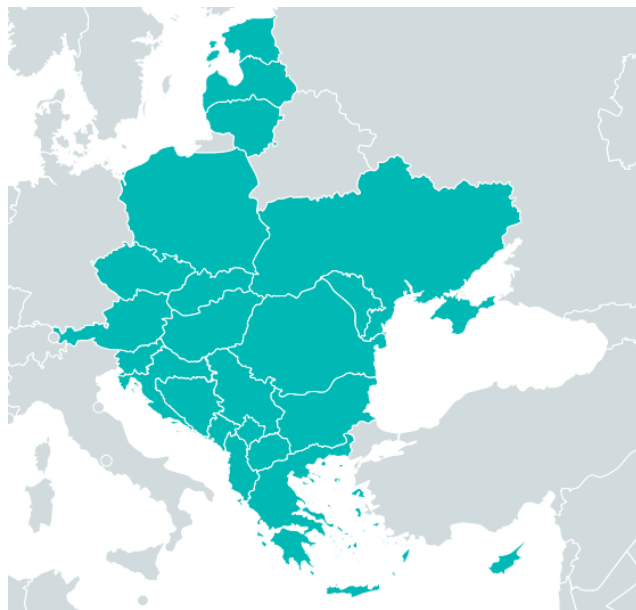


# How we scaled our activities?



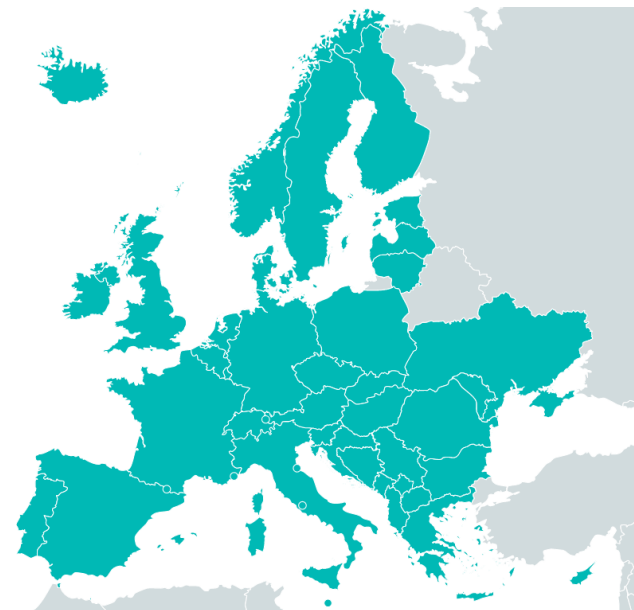
## 1<sup>st</sup> pilot round

involving 3 consortium  
innovation intermediaries



## 2<sup>nd</sup> pilot round

involving 23 additional  
innovation intermediaries in  
Eastern Europe



## Replication guide

for innovation intermediaries  
around Europe to apply our  
methodology start-to-finish



# 1<sup>st</sup> Pilot Round Deployment (1/2)

Trained 3 innovation intermediaries with different background:



**ROMSPACE:** Space industry association in Romania



**Corallia:** Incubator, accelerator, multi-cluster facilitator, ESA BIC manager in Greece

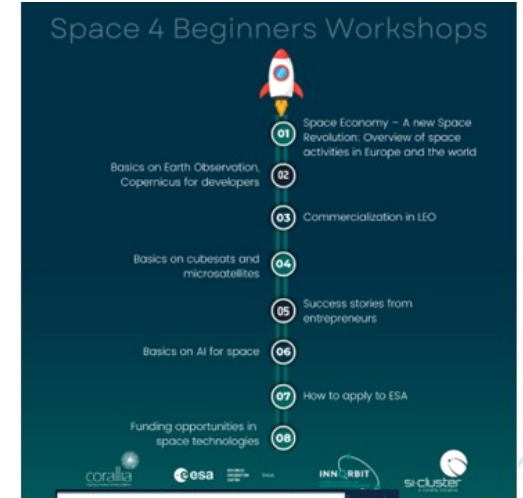
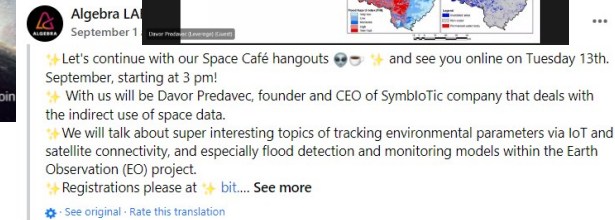
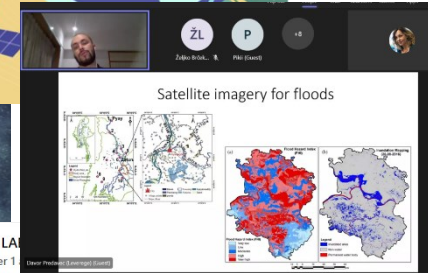
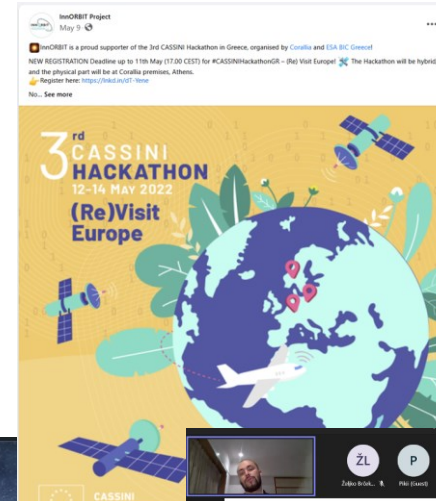


**Algebra:** Non-profit private university in Croatia, Algebra LAB incubator

## Local space initiatives:

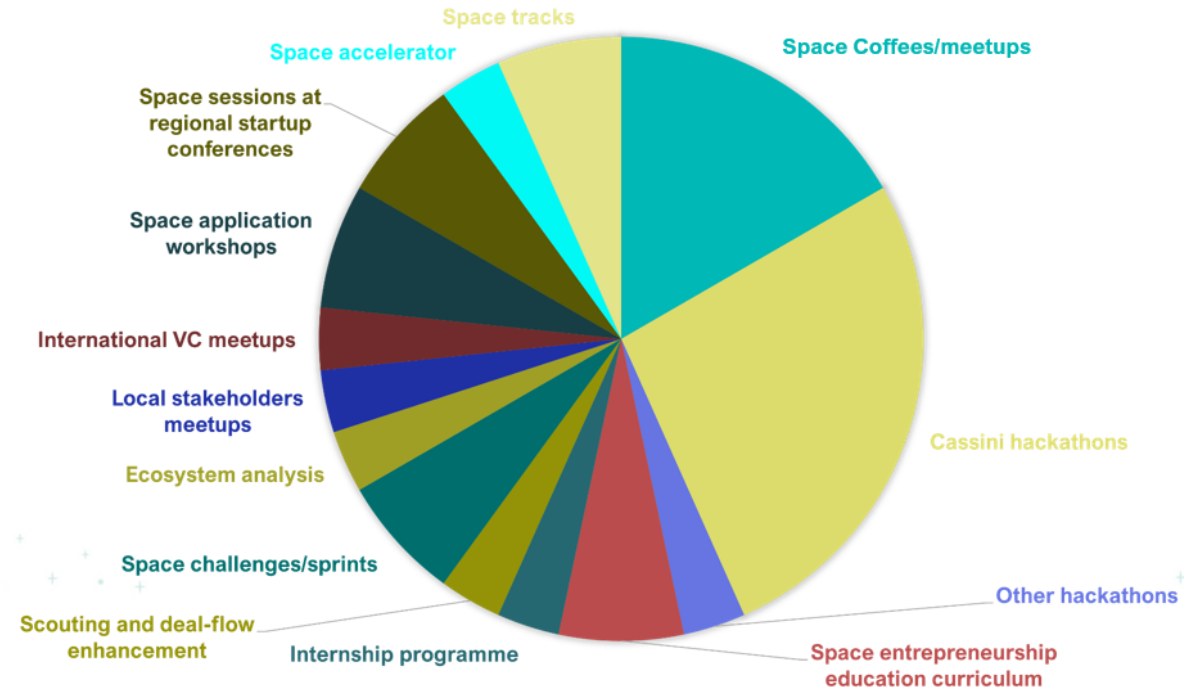
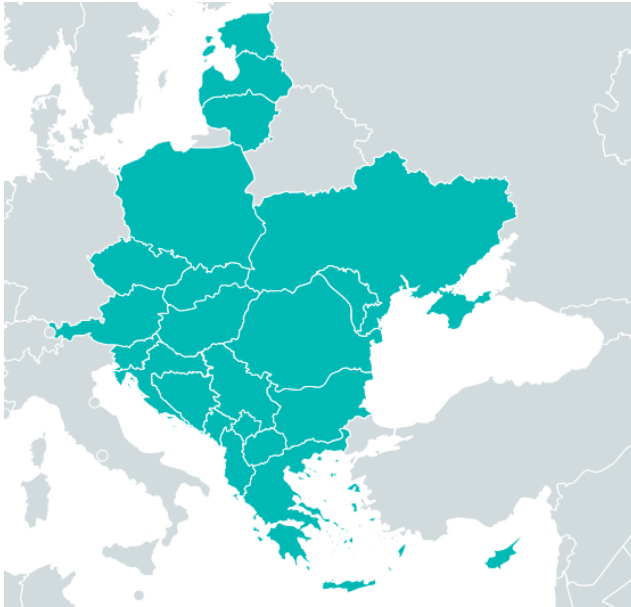
- **Space Coffees** in Romania, Greece, and Croatia: 28 events in total and counting...
- **Space Sprint** deployed and **Cassini Hackathon (upcoming)** in Croatia
- **Space4Beginners**, **Space Investors Day**, and a **Cassini Hackathon** (support) in Greece

# 1st Pilot Round Deployment (2/2)



# 2<sup>nd</sup> Pilot Round Deployment (1/2)

## Local space initiatives:



Some of the innovation intermediaries that worked together with InnORBIT:





# 2<sup>nd</sup> Pilot Round Deployment (2/2)



*Sprint cross-industry hackathon, UNIMOS, Poland*

"It's been  
an **extraordinary**  
and **remarkable**  
**experience!**"

"... **efficient** and  
**user friendly...**"



*Business over breakfast x space, ZICER, Croatia*



*5th CASSINI Hackathon, Design Terminal, Hungary*

"... it brought a  
**new perspective**  
by putting into  
focus areas **that**  
**needed to be**  
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# Main Achievements: Support to Innovation Intermediaries

## ➤ **26 innovation intermediaries trained**

- ✓ Engaged over **30 organisations** in **13 European countries**
- ✓ **9 out of 10** in Eastern Europe
- ✓ Capacity building to **support space entrepreneurs**, while **raising awareness** and **expanding their ecosystems**

## ➤ **28 local space innovation support initiatives organised and ran**

- ✓ Space Coffees, Hackathons, Competitions/Challenges, and many more

## ➤ **23 space and non-space communities and support initiatives at EU level as active synergies**



# Main Achievements: Support to Space Entrepreneurs

- **Over 1200 start-ups, scale-ups, and SMEs** supported in space-related application areas
  - ✓ **330 not traditionally involved** in the space sector
  - ✓ **31 new start-ups** have been created
  - ✓ estimated to have generated **81 new jobs**
- **19 start-ups/scale-ups** directly supported to access funding
  - 2 dedicated **space tracks** organised
  - Including among other **most prominent space start-ups/scale-ups from Eastern Europe** (i.e., FaradaIC, EnduroSat, Groundcom, Reflex Aerospace, and DCUBED)
- **Generation/commercialisation of 50 scalable and cost-efficient solutions** related to or applicable to space tech

# Main Achievements: Outreach and Legacy (1/2)

## ➤ **Increased innovation performance and development** for innovation intermediaries

- ✓ **new business support services** that better respond to innovators' needs
- ✓ **improved capacity** for space innovation support
- ✓ and **hands-on support** on accessing markets

## ➤ **Enriched and wider awareness raising on space innovation** at a local level

- ✓ **outreach** of **~15.000** stakeholders
- ✓ **engagement** with **~3.500** stakeholders

## ➤ **Enhanced competitiveness and growth** for innovators

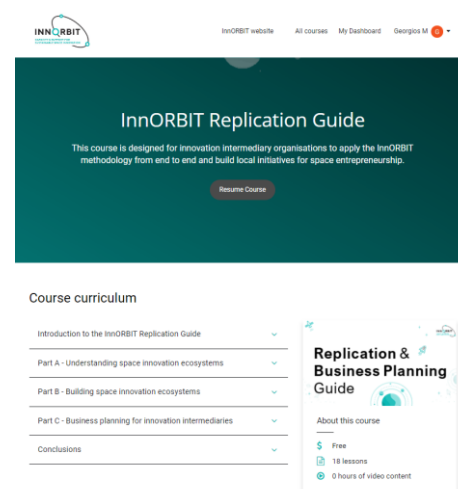
- ✓ dedicated **business** and **technical training**,
- ✓ **networking** and **matchmaking** with key mentors, investors, and other business entities
- ✓ hands-on experience in **accessing financing** and **funding opportunities**.



# Main Achievements: Outreach and Legacy (2/2)

## ➤ Tangible legacy for supporting space innovation in (Eastern) Europe

- ✓ **For Innovation Intermediaries:** a [Replication Guide](#) for designing, deploying and financing space innovation support initiatives! *Available as a report and as an online course!*
- ✓ **For policy makers:** the [InnORBIT Policy Recommendations](#), with key insights and practical examples for fostering space entrepreneurship in Europe.



# Acknowledgements

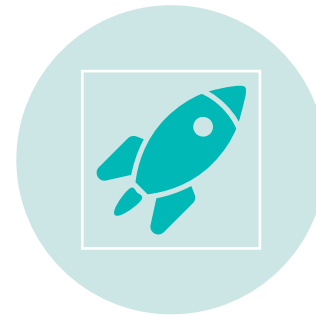
*This stellar journey would not have been possible without the support and commitment of all of those who were with us.*



ADVISORY BOARD  
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EXTERNAL INNOVATION  
INTERMEDIARIES



SPACE ENTREPRENEURS



SPACE ENTHUSIASTS





# Thank you!

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