

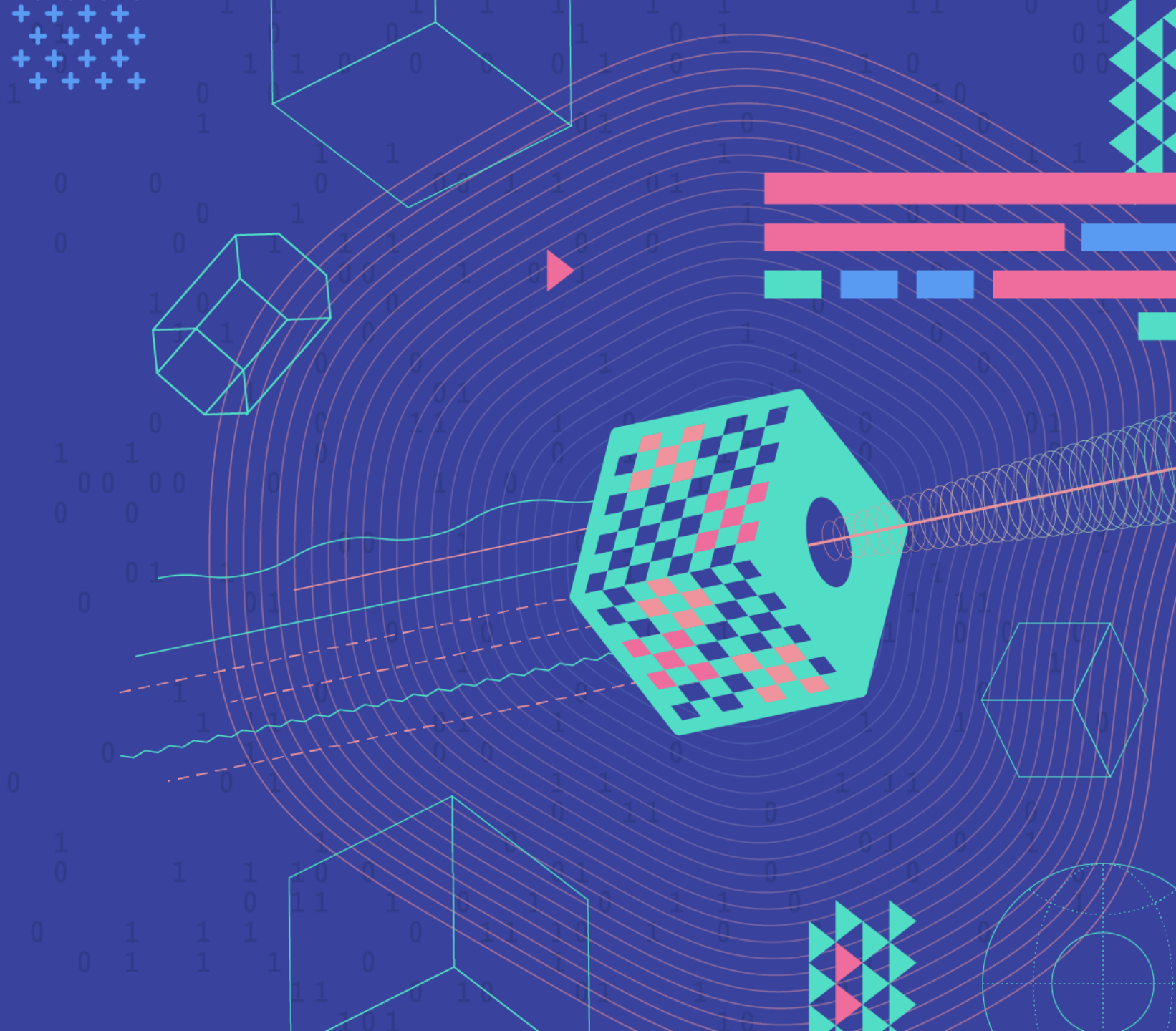


CASSINI
Hackathons & Mentoring

Become a local organiser

Space for the defence & security

5th CASSINI Hackathon



The CASSINI initiative & EU Space programme

▶ The European Commission launched the **Competitive Space Start-ups for Innovation initiative (CASSINI)** in 2021 as a part of broad effort in support of space entrepreneurship for a digital and sustainable Europe.

Launched March 2021, the **CASSINI Hackathons & Mentoring**

is the **first flagship action**.



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Earth observation

Copernicus is the European Union's **Earth observation programme**, looking at our planet and its environment to benefit all European citizens.



Satellite navigation

Galileo is Europe's **Global Navigation Satellite System (GNSS)**, providing improved positioning and timing information with significant positive implications for many European services and users.



The European **Geostationary Navigation Overlay Service (EGNOS)** is Europe's regional satellite-based augmentation system (SBAS) that is used to improve the performance of global navigation satellite systems (GNSSs).



Secure connectivity

The European Union **Governmental Satellite Communications (GOVSATCOM)** programme provides secure and cost-efficient communications capabilities to security and safety critical missions.



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About the CASSINI Hackathons & Mentoring

6 hackathon events

10 hackathon locations per edition

60 local organisers

Hybrid

Local

European

3 winning teams per edition

6 months mentoring for all winners

Why does it matter?



Solving important problems for society & industry with a purpose



Fostering the next generation of space entrepreneurs



Connecting participants, experts, businesses and other organisations



Giving people hands-on experience with EU space data and signals



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Global themes with a purpose

Connecting with issues that are **important for our future**

What **resonates with the next generation** of hackers?

▶ Space for defence & security

In the 5th CASSINI Hackathon, participants are challenged to strengthen Europe's **defence and security** capabilities with the help of European space technologies.

The global security environment is becoming more contested, complex and interconnected. As armed conflicts and civil wars re-emerge on the EU's neighbourhood, new and unconventional security threats have emerged or grown stronger. In an increasingly interconnected world, Europe's security starts abroad. European citizens expect and deserve to live in a safe and stable environment. In the face of increased global instability, the EU needs to take more responsibility for its own security and increase its capacity to act autonomously.

Space data, information and signals can enable novel and unique solutions for cross-terrain mobility and logistics, maritime threat intelligence and infrastructure network resiliency. We challenge participants to innovate with **earth observation data** from Copernicus and **satellite positioning and navigation services** from Galileo & EGNOS. On top of that, we encourage participants to develop solutions with **cybersecurity** in mind from the start.

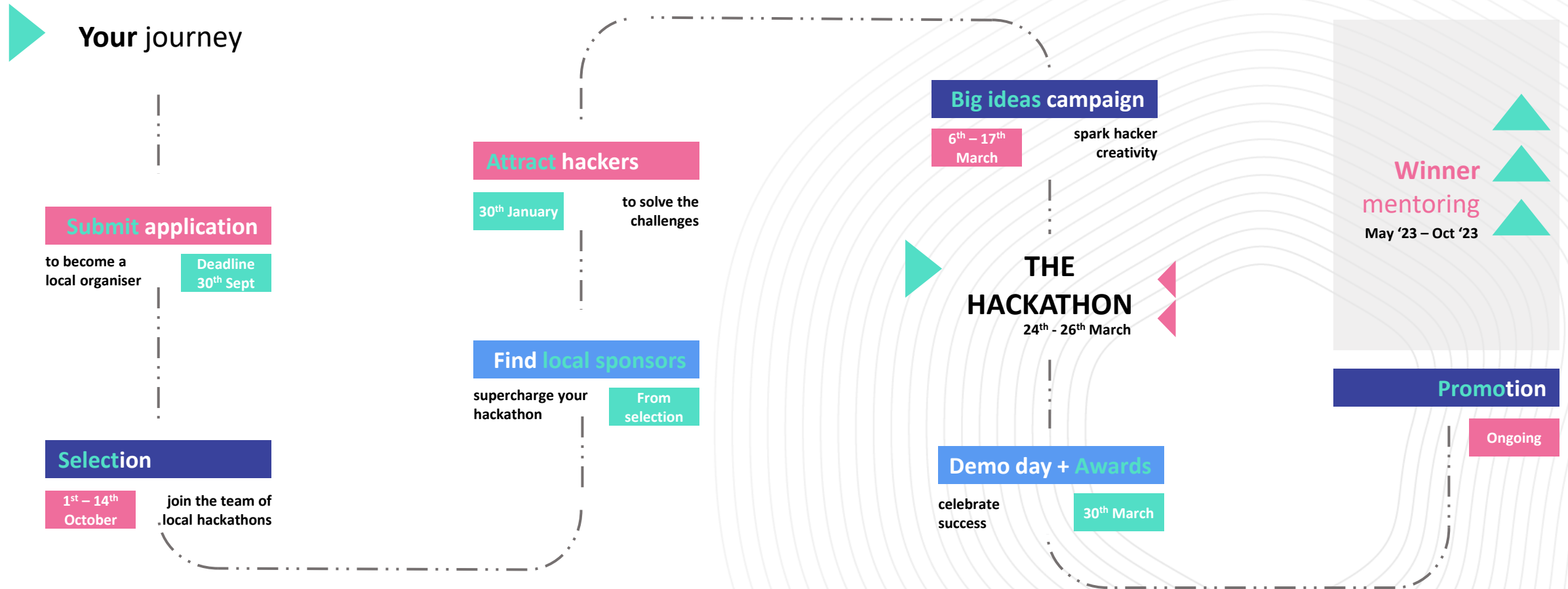


Space for defence & security

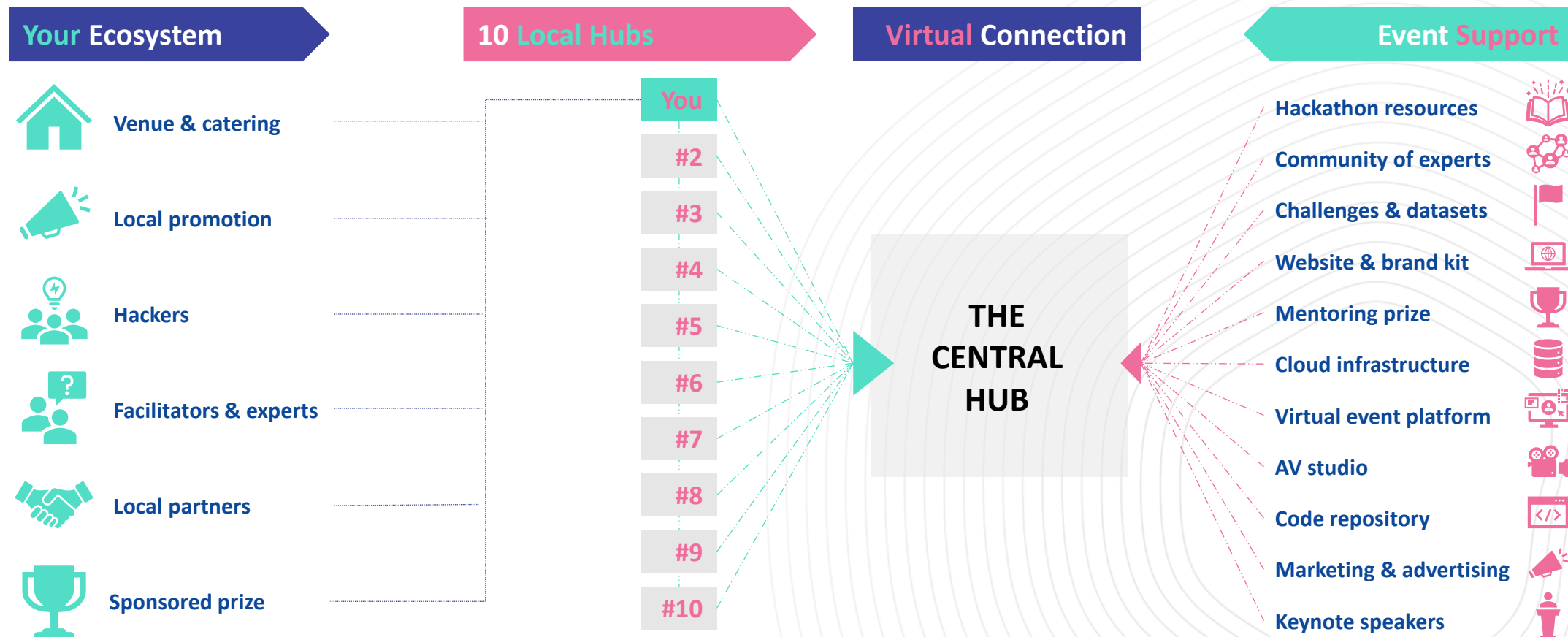
Please note that a detailed description of the three challenges that will be put forward is currently still under development. This information will be shared as soon as available with applicants or – when appropriate – with selected local organisers.



5th CASSINI Hackathon: 24 – 26 March 2023



Host a local hub in our European hackathon event



All hackathons will be physical events, unless local COVID-19 measures do not allow it



Benefits of becoming a local organiser

Boost your space ecosystem

- **Position yourself** among the leading entrepreneurial space eco-system
- **Plug and play** with a centrally-organised, Europe-wide hackathon event
- **Attract local sponsors** with the power and backing of the EU Space programmes
- **Solve important problems** for industry and government with the power of space technologies
- **Grow your network** by connecting with organisers and hackers around Europe

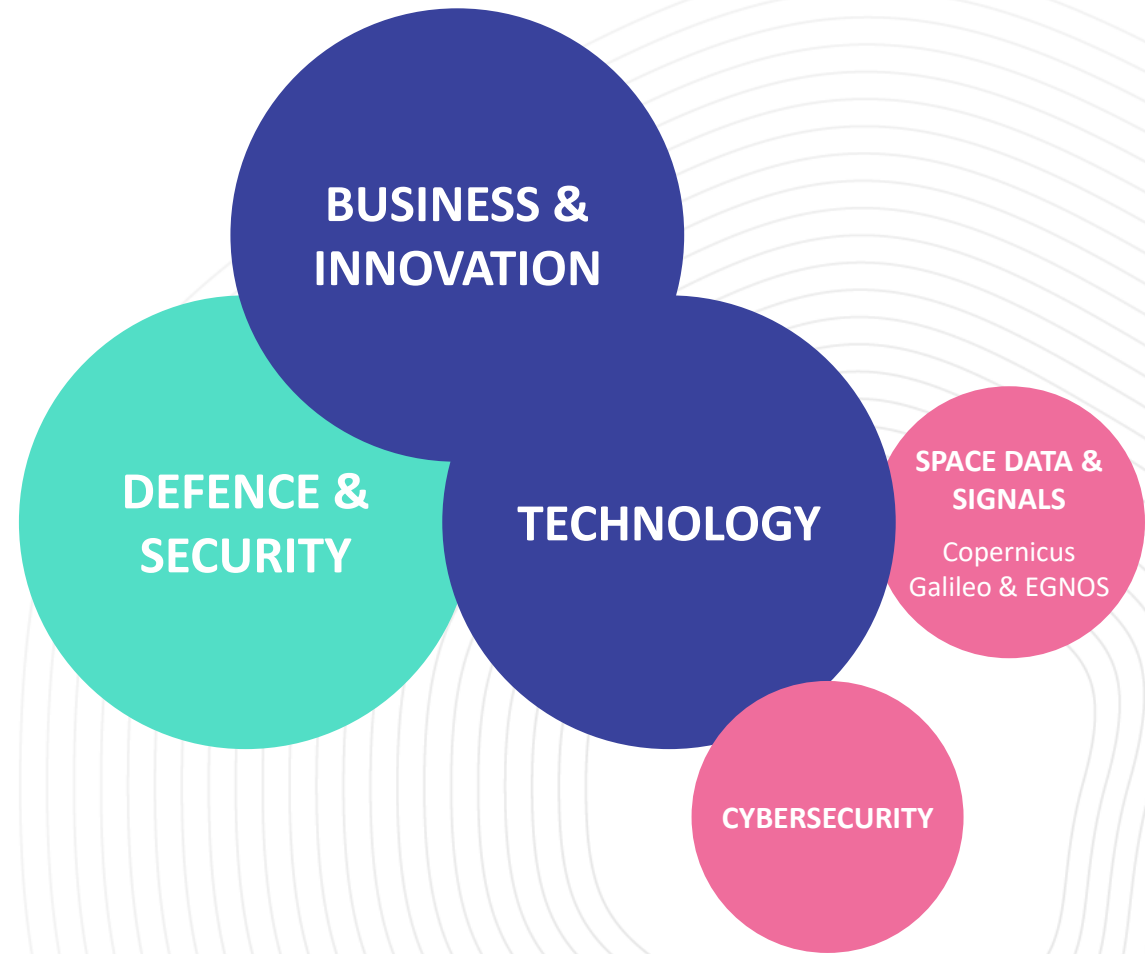
How we will support you

- **Support package** for local organisers
 - Up to €24,000 for general expenses, depending on the number of participants (VAT exclusive)
 - In-kind communication and promotion services
 - Technical support package including laptop, audio-visual equipment and software
- **Additional resources** to run the hackathon
 - Blueprint, experts, datasets, cloud infrastructure, brand kit, platforms & tools, ...
- **European-scale hackathon event**, connected through the central virtual hub



Who are we looking for?

- Organizations that have a purpose aligned with the goals of the hackathon
- Organizations with experience running hackathons or other innovation competitions
- Organizations that, together with partners from their local ecosystem, can cover the three main aspects of the hackathon →



Who are we looking for?

- Incubators, accelerators, etc.
 - From inside or outside the space community
- Technology companies
 - Space data & services
 - Cybersecurity
- Defence innovation hubs and organisations
- Universities, research centres, ...



Apply now to co-organise the 5th CASSINI Hackathon

Supporting documents for the full application process:

Informative documents

Application guide

Application templates

- Application template
- Budget template

Deadline submission

Submit your application **before 30 September 2022 at 23:59 CET**
via our website cassini.eu/hackathons/organisers

Evaluation criteria

- Great ideas for local communication & promotion
- Involvement of relevant partners from your local ecosystem
- Capability to host a hackathon event with possibly remote participants
- Experience with space-based and/or information technology





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For more information,

send us an email at hello@hackathons.cassini.eu