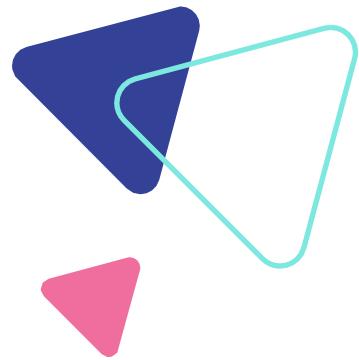


# CASSINI Challenges 2023 - 2024

Short Introduction



# Introducing CASSINI Challenges



The **CASSINI Challenges** by EUSPA is an online innovation competition that aims to foster the creation of original solutions using EU Space data.

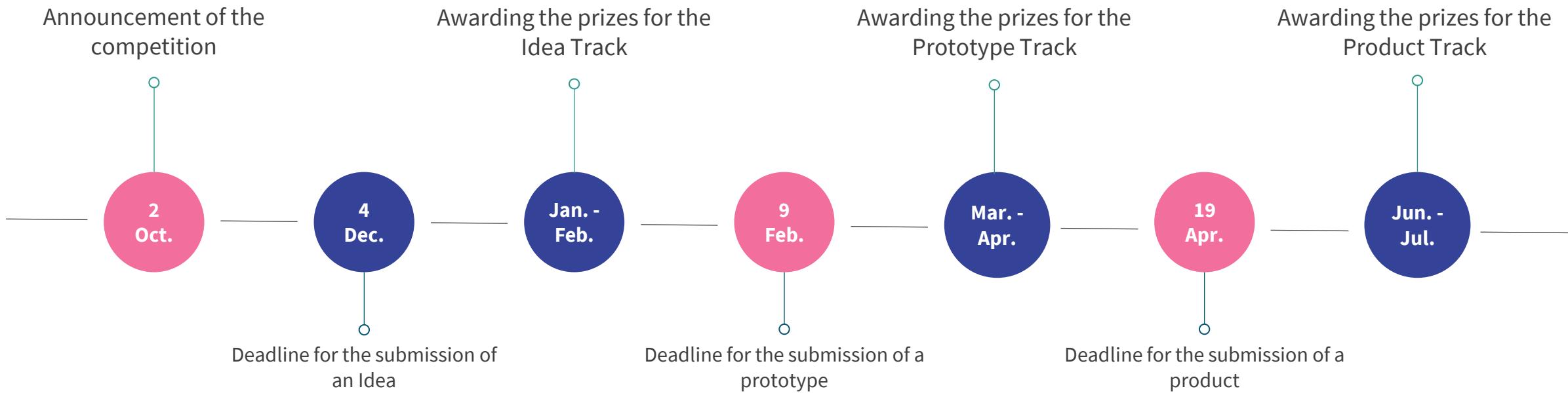
Participants can access and use data from Galileo, and Copernicus to develop mobile apps or hardware-based solutions that address real-world problems. The challenges cover various domains such as health, mobility, environment, agriculture, and energy.

The winners of the competition will receive substantial cash prizes and networking opportunities to further develop their solutions and bring them to the market.



- ▶ **€ 1 Million Prize Pool**
- ▶ **30 Prizes**
- ▶ **3 Tracks**
- ▶ **3 Challenges**

# The Timeline



# CASSINI Challenges – Prize Contest 2023

This competition helps in the development of innovative commercial solutions - such as mobile apps or hardware-based solutions for example wearables, asset management and tracking solutions, robotics etc.- Proposals should deliver new innovative applications, with commercial and social benefits, impact and a clear market uptake. The proposals will fall into one of the three challenge categories.

## Next Generation Challenge



Health and well-being



Citizen's safety



Security and connectivity



Conservation of ecosystems



Sustainable agriculture

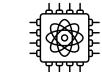


Mgmt. and energy resources

## Emerging Technologies Challenge



**Industry 4.0**  
AI and ML; Blockchain;  
VR and AR; Metaverse



Quantum computing



Advanced materials



Photonics

# CASSINI Challenges – The Tracks & Prizes

Applicants can participate in the contest with an idea, a prototype, or a product, depending on the maturity of the solution at the time of the submission.

## Idea Track

Teams must submit a theoretical idea that solves a problem, explains how it works and who benefits from it. The idea should be at an early stage of development.

TRL 1 - 3

**15 x € 10,000**

## Prototype Track

Teams must submit a tested solution that meets customer needs and has a clear value proposition.

TRL 4 - 7

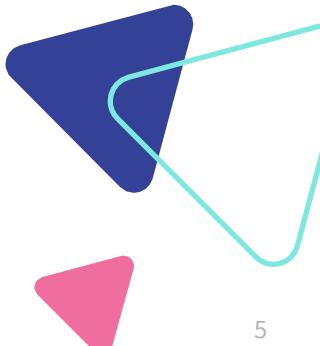
**10 x € 30,000**

## Product Track

Teams must submit a market-ready product and explain how it solves customer problems.

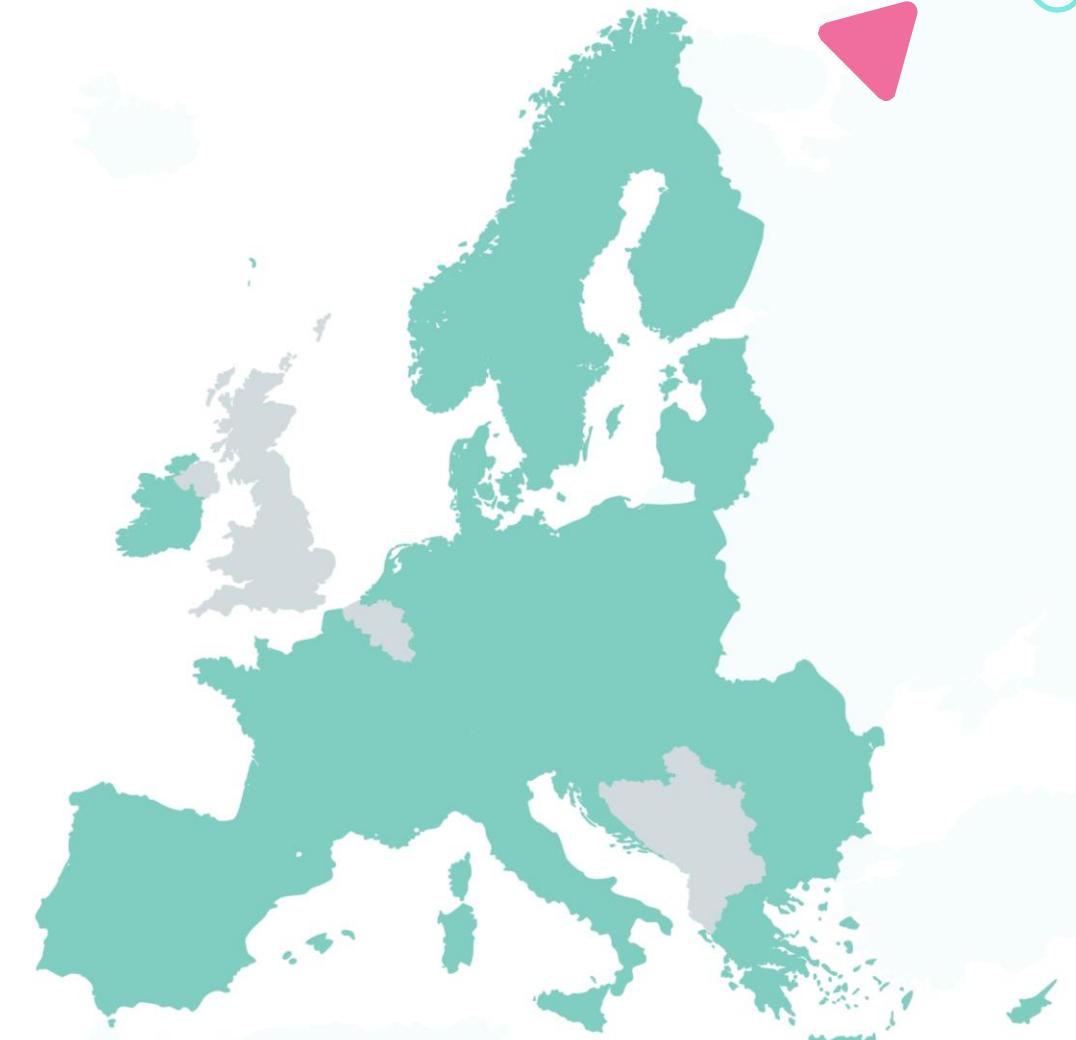
TRL 8 - 9

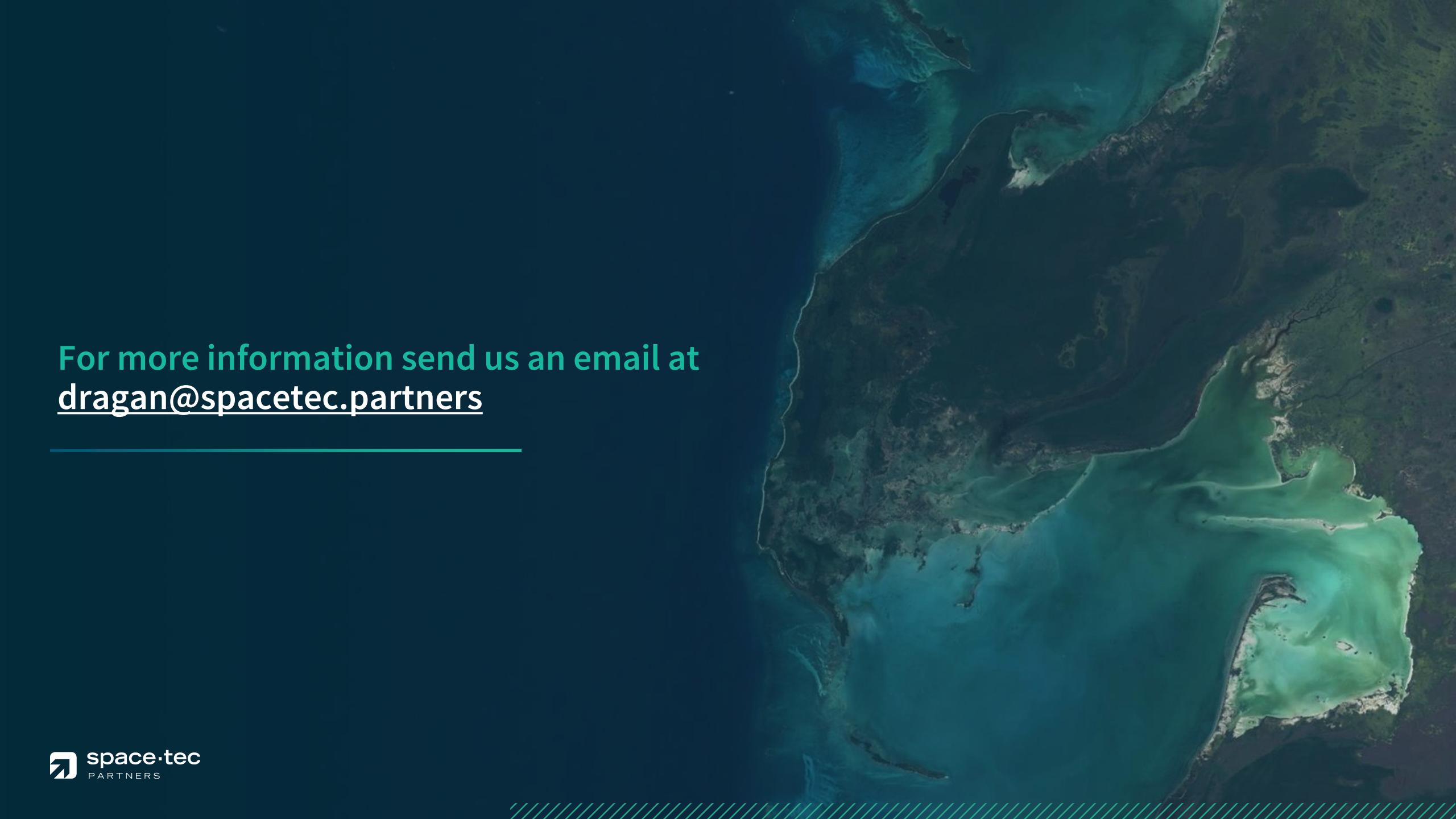
**5 x € 100,000**



# CASSINI Challenges – Target Audience and Eligibility

- All entrepreneurs residing in Europe, engineers, designers, researchers, policymakers, professionals, and others are welcome to participate.
- The competition is open to both teams and individuals.
- Participation is open to all economic operators in the EU27 states and Norway. Additionally, people from Switzerland can participate with solutions that use Galileo and people from Iceland can participate with solutions that use data from Copernicus.
- Natural person applicants must be at least 18 years of age by the date of application submission.





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