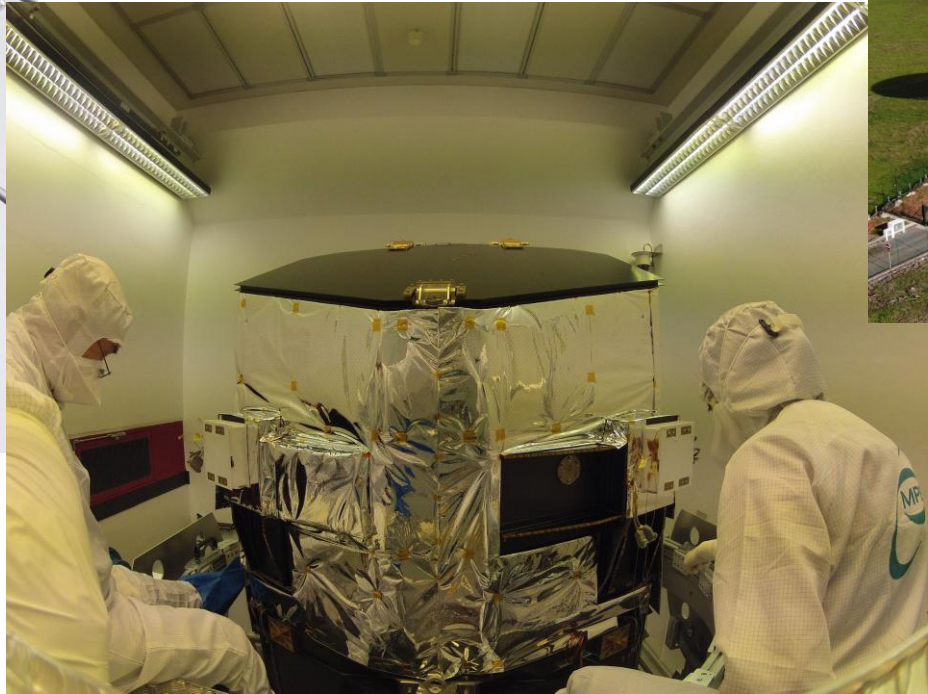
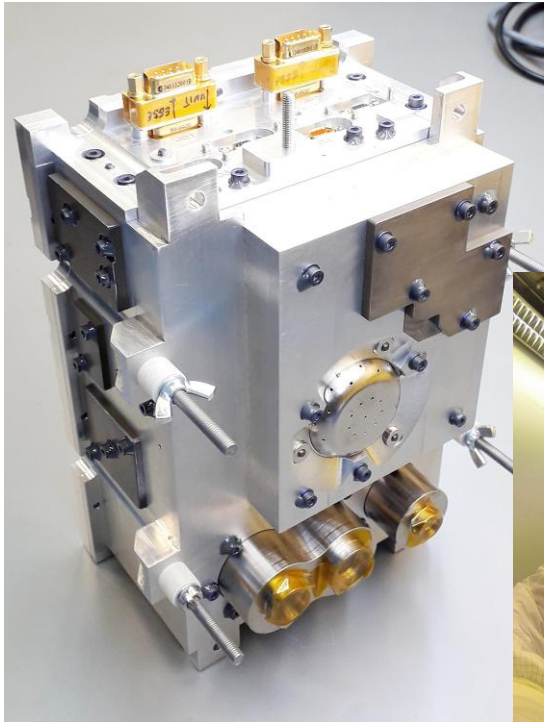




PORTUGUESE SPACE CATALOGUE 2024

Overview of the Portuguese Space Community





NEWS



UPTEC space startup

Receives 3€ million funding
to rescue satellites

SPACEO Invest Porto.

SSISTEMA ESPACIAL
• GALERIA

GEOSAT

Galeria de Imagens de Satélite de Resolução Muito Elevada

Todas HR VHR



Portugal reinforces its presence in space with the launch of new satellites

Lusospace makes history with the launch of Portugal's first commercial satellite and the University of Minho launches the first national PocketQube.





(*) This includes turnover from satcom operators with ground stations in Portugal

% Women in space

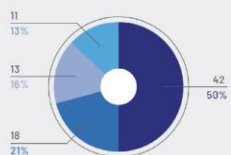


% PhD in industry

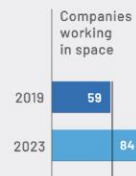


Company sizes:

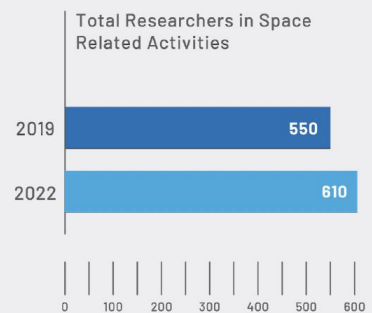
Micro (1-9 employees)
Small (10-49 employees)
Medium (50-250 employees)
Large (+250 employees)



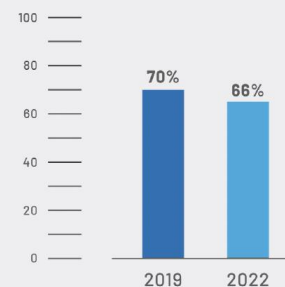
Source: INE and Portuguese Space Agency



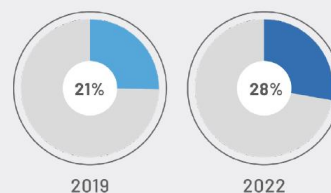
RESEARCH CENTRES AT A GLANCE



PhD and PhD Students in Research Centres



% Women in space



OVERVIEW OF ALL RESEARCH SEGMENTS



Instrument Technologies



Planetary Sciences



Astrophysics and Space Sciences



Communication and Navigation



Computing and Software



Spacecraft and Robotic Technologies



Space Law



Management and Economics

INDUSTRY

TECHNOLOGY DOMAIN

Software
Hardware
Services
Other

SEGMENT

Space Segment
Ground Segment
Launchers
Downstream
Generic

ATLANTIC SPACEPORT CONSORTIUM

Providing space launching services & spaceport operations

The Atlantic Space Consortium (ASC) is a partnership specialized in spaceport operations. It has developed a concept for an open commercial spaceport that offers end-to-end services for deploying small satellites from the Atlantic Region into space. The ASC can provide launch vehicle operators with an essential spaceport service, plus a wide range of optional services and equipment. These can include access to TT&C ground stations, propulsion testing, regulatory assistance, and more. The ASC's partner companies can also supply custom ground support equipment or launch vehicle structures to support the customer's mission. The ASC wants to integrate its activities with the local and national economies and supply chain as much as possible. This translates to contracting local suppliers and human resources and fostering the support of the local population, which we try to include in our activities whenever possible - for example, by supporting educational projects in partnership with local schools and universities.

PRODUCTS / SERVICES

[1] Spaceport operations and range

ASC provides customers with custom ground support, range management and recovery operations at sea.

[2] Logistics

ASC offers tailored transportation solutions and on-shore handling of cargo and specialized equipment.

[3] Vehicle and payload integration

ASC provides access to integration facilities, machinery, and clean rooms for final AIV activities before launch.



1. Analogue astronaut mission done by students in an analogue spaceport facility managed by ASC
@AtlanticSpaceportConsortium



2. Static fire test of small launcher
@bayarea



3. Launch Tower for small suborbital launchers
@AtlanticSpaceportConsortium



EST: 2020

HO: Vila do Porto, Santa Maria, Azores [PT]

CEO: Bruno Carvalho

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Miguel Morgado

mmorgado@spaceport.pt

WORLD PRESENCE

Vila do Porto, Santa Maria, Azores [PT]







Local de Aterragem do Space Rider

- Localizado a norte da pista do aeroporto
- Local de aterragem principal
- Primeiro voo previsto para o final de 2027



Centro de Lançamentos da Malbusca

- Primeiro porto espacial português licenciado
- Agência Espacial Portuguesa responsável pela avaliação técnica e apresentação ao Governo
- Licença emitida em agosto de 2025 a ASC
- Primeiros lançamentos suborbitais em 2026



Centro Tecnológico Espacial

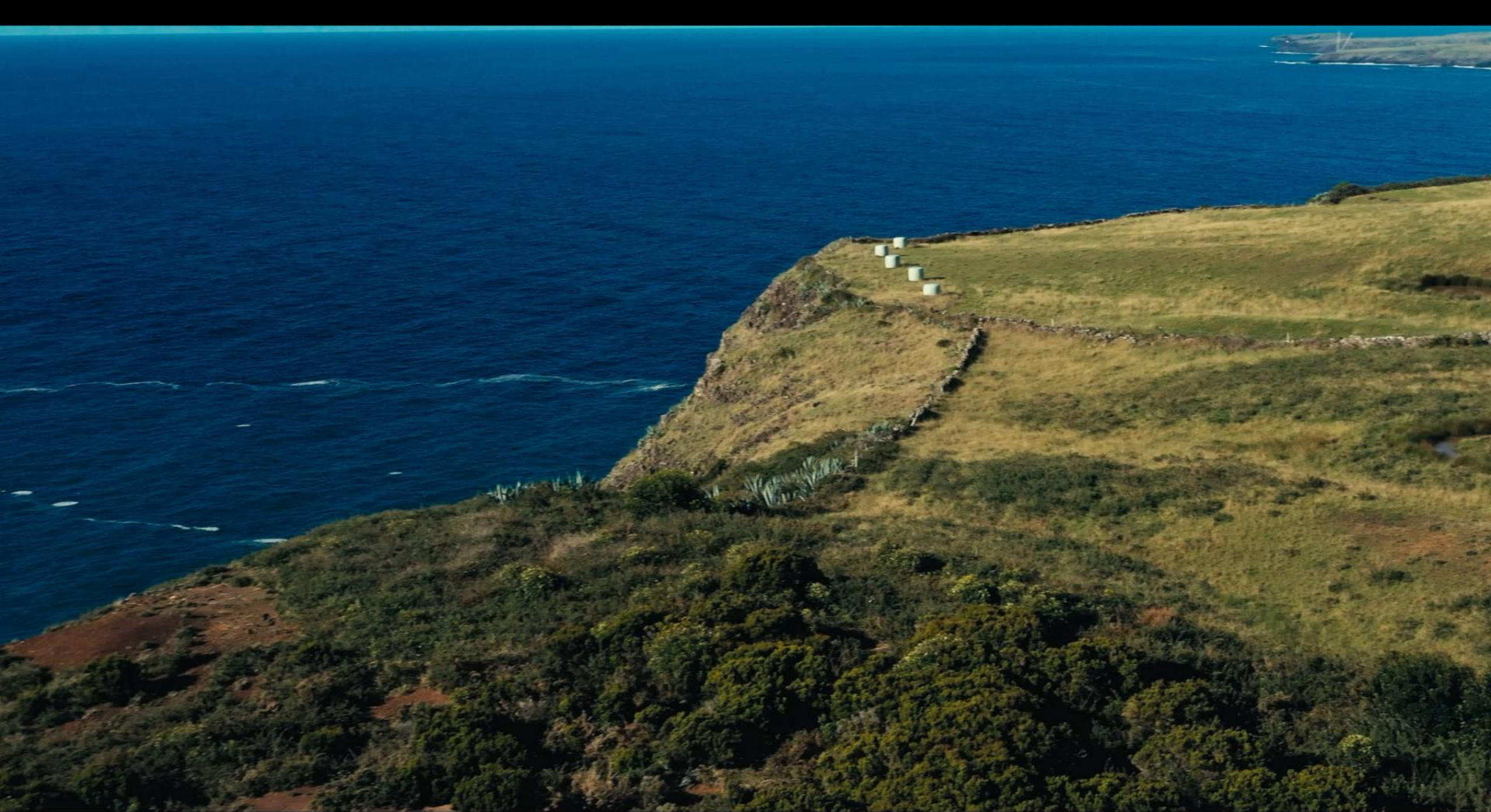


- Fase de design em preparação
- Construção com início previsto para 2026
- Composto por instalações multifuncionais
- Instalações pós-aterragem Space Rider
- Apoio a atividades comerciais de reentrada
- Apoio a atividades do porto espacial

Teleporto de Santa Maria

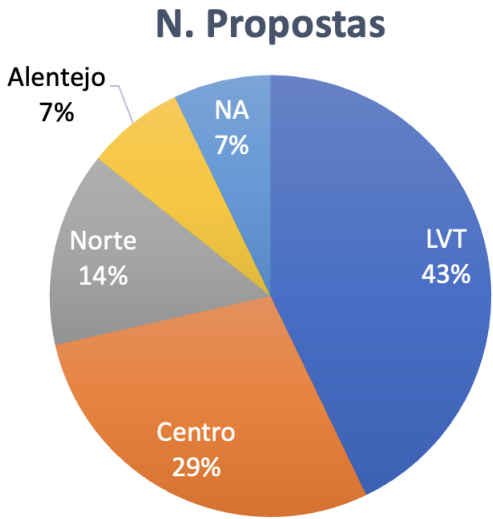
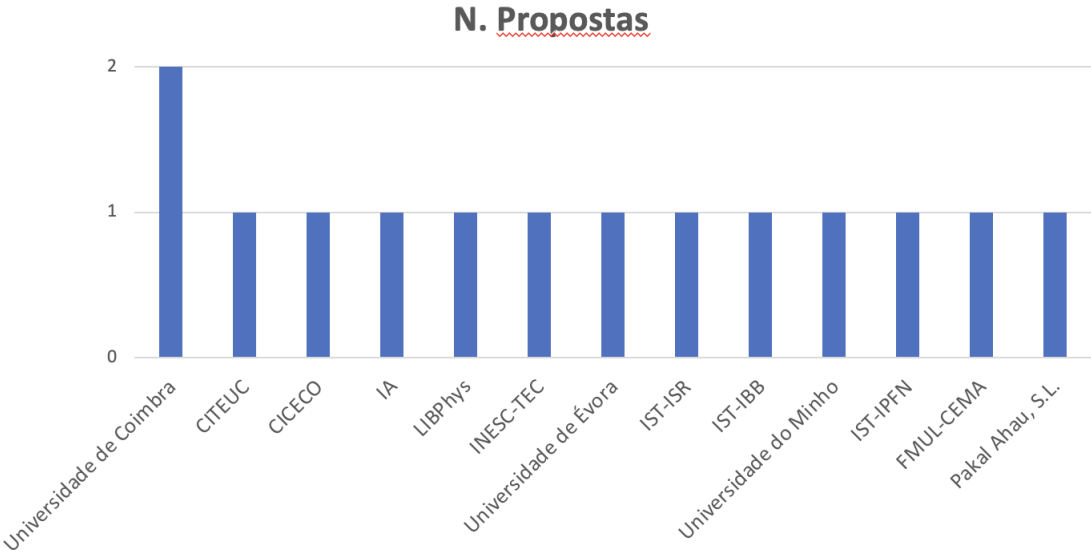
- Agência Espacial Portuguesa está atualmente a expandir o teleporto:
 - Mais terrenos
 - Mais capacidades e infraestruturas





RESUMO CANDIDATURAS

14 candidaturas recebidas





Análogos - Submarinos



Q4 2024 – 1ª Missão

SubSea - ISM



Colaboração contínua

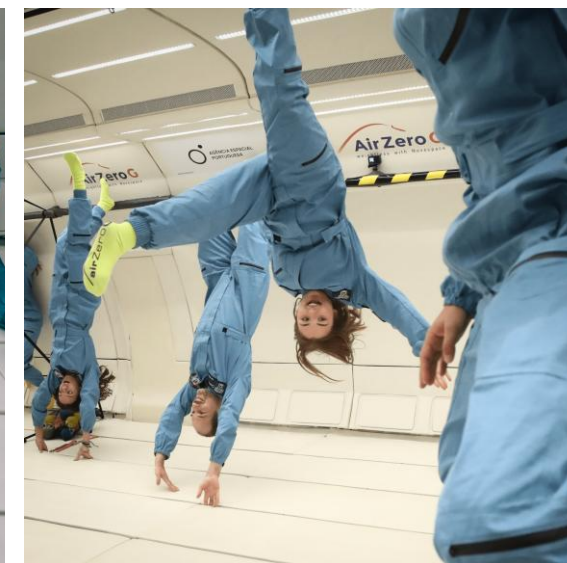


ASTRONAUTA

POR UM DIA

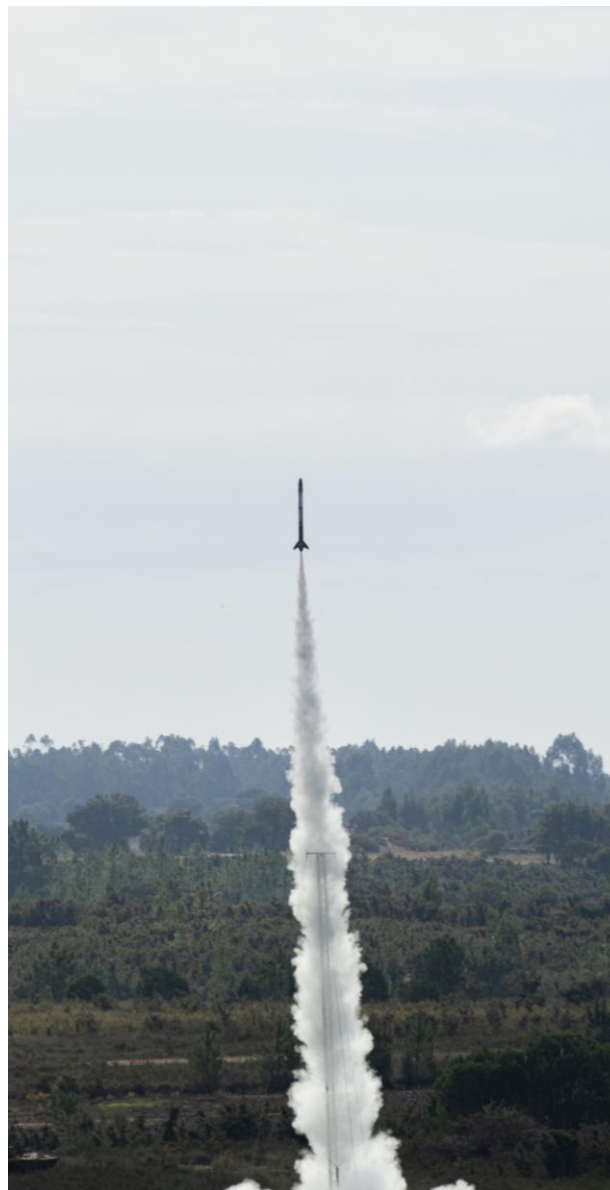


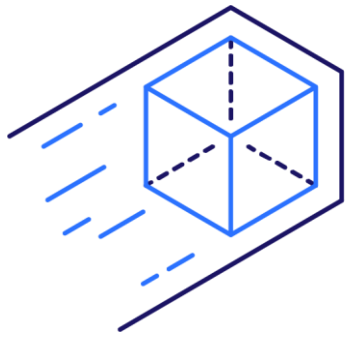
- Competição criada em 2022
- Iniciativa pioneira, replicada por outros países como Luxemburgo e Estónia
- 91 finalistas de todos os distritos e Regiões Autónomas
- 2025: +500 candidatos



EUROPEAN ROCKETRY CHALLENGE — EuRoC

- Competição criada em 2020
- Iniciativa pioneira a nível europeu
- Centenas de participantes a cada ano (+ 600 em 2024)
- 4 equipas portuguesas candidatas





CUBESAT PORTUGAL

- 7 equipas, com mais de 12 institutos e mais de 200 estudantes
- Parcerias com o ecossistema nacional e internacional:
 - INEGI, IST NanoSat Lab, Thales Edisoft Portugal, CINAV, Synopsis Planet, CEIIA
- Programa com duração total de 2 anos (PDR e CDR em 2025)
- Workshops dinamizados mensalmente:
 - Thales Edisoft: a experiência com o AEROS
 - ESA: Tudo sobre testes
 - Bootcamp de 3 dias em maio 2025

