



HORIZON EUROPE
PROGRAMME OF THE
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#EUSpace



HORIZON EUROPE
RESEARCH PROGRAMME







SPACE RESULTS OF CALLS FOR PROPOSALS 2022-2023

MORE THAN
€166 MILLION
BUDGET ALLOCATED!

This factsheet covers the 2022 call related to downstream applications and the 2023 call related to the other areas.

In those calls, SMEs represent 23.8% of the number of selected participants and 29% of the allocated funding.

Categories	Topics	Projects	Budget allocated
EGNSS & Copernicus downstream applications 	5 topics: <ul style="list-style-type: none"> • 2022-51: EGNSS applications for Smart mobility • 2022-52: Public sector as Galileo and/or Copernicus user • 2022-54: Copernicus downstream applications and the European Data Economy • 2022-55: Large-scale Copernicus data uptake with AI and HPC • 2022-56: Designing space-based downstream applications with international partners 	15 projects: <ul style="list-style-type: none"> • 4 projects: GAUSSIAN, PAVE-SCAN, JULIA, EDGAR • 1 project: Space4Cities • 3 projects: BLUE-X, SQAT, MOSMIN • 3 projects: Embed2Scale, DaFab, ThinkingEarth • 4 projects: DINOSAR, SPATRA, UDENE, COMUNIDAD 	€37.6M: <ul style="list-style-type: none"> • €9.4M • €5.2M • €8.9M • €9.0M • €5.1M
Developing the GOVSATCOM service 	1 topic: <ul style="list-style-type: none"> • 2022-61: GOVSATCOM Service developments and demonstrations 	4 projects: <ul style="list-style-type: none"> • 5G-GOVSATCOM, GEXTRECS, S5LECT, SIGMA 	€6.4M

Categories	Topics	Projects	Budget allocated
Competitiveness of the EU space sector 	2 topics: <ul style="list-style-type: none"> • 2023-11: End-to-end Earth observation systems and associated services • 2023-12: Future Space Ecosystem and Enabling Technologies 	10 projects: <ul style="list-style-type: none"> • 4 projects: Edge SpAlce, MESEO, SCARBOn, ORCHIDE • 6 projects: MP2S, SPACE USB, OCC4SAT, STARFAB, BOOST, EU-RISE 	€23.2M: <ul style="list-style-type: none"> • €10.1 • €13.1
Access to space for EU actors 	3 topics: <ul style="list-style-type: none"> • 2023-21 Low cost high thrust propulsion for European strategic space launchers - technologies maturation including ground system tests • 2023-22 New space transportation solutions and services • 2023-23 Modern, flexible and efficient European test, production and launch facilities 	5 projects: <ul style="list-style-type: none"> • 1 project: ENLIGHTEN-ED • 3 projects: GEORyder, ICARUS, CRYSLIS • 1 project: EU-BEST 	€48.6M: <ul style="list-style-type: none"> • €20.0M • €23.6M • €5.0M
Evolution of Copernicus services 	3 topics: <ul style="list-style-type: none"> • 2023-31 Copernicus for Atmosphere and Climate Change, including CO₂ • 2023-32 Copernicus for Emergency Management • 2023-34 Copernicus for Marine Environment Monitoring 	5 projects: <ul style="list-style-type: none"> • 3 projects: COMPASS, CATRINE, CAMAERA • 1 project: SEED-FD • 1 project: FOCCUS 	€17.0M: <ul style="list-style-type: none"> • €9.0M • €3.0M • €5.0M
Quantum 	2 topics: <ul style="list-style-type: none"> • 2023-62 Quantum Communication Technologies for space systems • 2023-63 Quantum Space Gravimetry Phase-A Study 	3 projects: <ul style="list-style-type: none"> • 2 projects: QuTechSpace, LaiQa • 1 project: CARIOQA PHA 	€6.5M: <ul style="list-style-type: none"> • €5.0M • €1.5M
Space Science 	1 topic: <ul style="list-style-type: none"> • 2023-71 Scientific exploitation of space data 	6 projects: <ul style="list-style-type: none"> • ELSA, SPACIOUS, SOLER, RadioForegroundsPlus, DISPEC, SPEARHEAD 	€9.4M
Non-dependency of the EU space sector 	1 topic: <ul style="list-style-type: none"> • 2023-72 Space technologies for European non-dependence and competitiveness 	6 projects: <ul style="list-style-type: none"> • F4F, iFACT-MP, STEP, INVICTUS, ORION, LETTERSS 	€17.7M

