




HORIZON EUROPE
RESEARCH PROGRAMME




SPACE RESULTS OF CALLS FOR PROPOSALS 2021-2022

CLOSE TO
€200 MILLION
BUDGET ALLOCATED

The Space-related calls of Cluster "Digital, Industry and Space" of Horizon Europe are implemented through work programmes.

The parts of the 2021 & 2022 work programmes implemented by HaDEA & EUSPA were organised in 4 calls, of which 3 have already been evaluated. This results in projects covering 22 topics in 9 categories.

Categories	Topics	Projects	Budget allocated
 EGNSS & Copernicus downstream applications	3 topics: <ul style="list-style-type: none"> • 2021-51 Applications fostering the European Green Deal • 2021-52 EGNSS applications for Safety and Crisis Management • 2021-53 Applications for the Digital Age 	10 projects: <ul style="list-style-type: none"> • 4 projects: RESPONDENT, MAGDA, SWIFTT, CLUG 2.0 • 3 projects: EWOKS, CHRISS, OVERWATCH • 3 projects: CERTIFLIGHT, SPACE4GREEN, EGENIOUSS 	€25.1M: <ul style="list-style-type: none"> • €9.6M • €7.9M • €7.6M
 Competitiveness of the EU space sector	4 topics: <ul style="list-style-type: none"> • 2021-12 Future space ecosystems • 2022-11 Future space ecosystems: on-orbit operations • 2022-12 Technologies for electrical propulsion • 2022-13 End-to-end Earth observation systems 	10 projects: <ul style="list-style-type: none"> • 4 projects: ASCEND, METASAT, ORU-BOAS, SCHUMANN • 1 project: EROSS-IOD • 2 projects: DEEP-PPU, ECOPROPU • 3 projects: DOMINO-E, IIMEO, SOPHOS 	€45.2M: <ul style="list-style-type: none"> • €8.0M • €26.0M • €3.9M • €7.3M

Categories	Topics	Projects	Budget allocated
 Access to space for EU actors	2 topics: <ul style="list-style-type: none"> • 2021-22 Low cost high thrust propulsion • 2021-23 New space transportation solutions 	3 projects: <ul style="list-style-type: none"> • 1 project: ENLIGHTEN • 2 projects: EARS, SAFEST 	€20.4M: <ul style="list-style-type: none"> • €17.6M • €2.8M
 Evolution of Copernicus services	7 topics: <ul style="list-style-type: none"> • 2021-41 Copernicus Climate Change Service • 2021-42 Copernicus Atmosphere Monitoring Service • 2021-43 Copernicus Security & Emergency Services • 2021-44 Copernicus evolution for cross-services domains • 2022-41 Copernicus Marine Environment Monitoring Service • 2022-42 Copernicus Anthropogenic CO₂ emissions monitoring • 2022-43 Copernicus Land Monitoring Service 	8 projects: <ul style="list-style-type: none"> • 1 project: CERISE • 1 project: CAMEO • 1 project: CENTAUR • 2 projects: ACCIBERG, SGGs-EYES • 1 project: NECCTON • 1 project: CORSO • 1 project: EVOLAND 	€50.2M: <ul style="list-style-type: none"> • €11.0M • €7.5M • €4.9M • €5.8M • €10.0M • €6.0M • €5.0M
 Quantum	1 topic: <ul style="list-style-type: none"> • 2021-62 Quantum technologies for space gravimetry 	1 project: <ul style="list-style-type: none"> • 1 project: CARIOQA-PMP 	€17.0M: <ul style="list-style-type: none"> • €17.0M
 Non-dependency of the EU space sector	2 topics : <ul style="list-style-type: none"> • 2021-81 Space technologies for European non-dependence • 2022-81 Space technologies for European non-dependence 	7 projects: <ul style="list-style-type: none"> • 3 projects: COCHISA, HEARTS, SAGAN • 4 projects: FOCUSING, ISBA, SCOPS, SGAN-NEXT 	€20.5M <ul style="list-style-type: none"> • €8.5M • €12.0M
 Space Weather	1 topic: <ul style="list-style-type: none"> • 2022-62 Space Weather 	3 projects: <ul style="list-style-type: none"> • 3 projects: ARCAFF, FARBES, T-FORS 	€2.8M <ul style="list-style-type: none"> • €2.8M
 Educations & skills	1 topic: <ul style="list-style-type: none"> • 2022-72 Education and skills for the EU space sector 	1 project: <ul style="list-style-type: none"> • 1 project: ASTRAIOS 	€3.0M: <ul style="list-style-type: none"> • €3.0M
 Space Science	1 topic: <ul style="list-style-type: none"> • 2022-82 Space science and exploration technologies 	6 projects : <ul style="list-style-type: none"> • 6 projects: ALCYONE, DUSTER, LUWEX, MAUVE, MILI, SENAV 	€8.6M <ul style="list-style-type: none"> • €8.6M

