

Appels Horizon Europe

DAS 1 – Appels ouverts du 30/06/2021 au 23/11/2021

Gestion des frontières

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| <u>HORIZON-CL3-2021-BM-01-01</u> | Enhanced security and management of borders, maritime environment, activities and transport, by increased surveillance capability, including high altitude, long endurance aerial support |
| <u>HORIZON-CL3-2021-BM-01-02</u> | Increased safety, security, performance of the European Border and Coast Guard and of European customs authorities |
| <u>HORIZON-CL3-2021-BM-01-03</u> | Improved border checks for travel facilitation across external borders and improved experiences for both passengers and border authorities' staff |

Société et infrastructures résilientes aux catastrophes

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| <u>HORIZON-CL3-2021-DRS-01-04</u> | Developing a prioritisation mechanism for research programming in standardisation related to natural hazards and/or CBRN-E sectors |
| <u>HORIZON-CL3-2021-DRS-01-01</u> | Improved understanding of risk exposure and its public awareness in areas exposed to multi-hazards |
| <u>HORIZON-CL3-2021-DRS-01-02</u> | Integrated Disaster Risk Reduction for extreme climate events: from early warning systems to long term adaptation and resilience building |
| <u>HORIZON-CL3-2021-INFRA-01-01</u> | European infrastructures and their autonomy safeguarded against systemic risks |

Cybersécurité

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| <u>HORIZON-CL3-2021-CS-01-01</u> | Dynamic business continuity and recovery methodologies based on models and prediction for multi-level Cybersecurity |
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Renforcement de la recherche et de l'innovation en matière de sécurité

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| <u>HORIZON-CL3-2021-SSRI-01-02</u> | Knowledge Networks for Security Research & Innovation |
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DAS 2 – Appels ouverts du 02/12/2021 au 26/04/2022

Transport par voie navigable

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| <u>HORIZON-CL5-2022-D5-01-01</u> | Exploiting electrical energy storage systems and better optimising large battery electric power within fully battery electric and hybrid ships (ZEWT Partnership) |
| <u>HORIZON-CL5-2022-D5-01-03</u> | Exploiting renewable energy for shipping, in particular focusing on the potential of wind energy (ZEWT Partnership) |
| <u>HORIZON-CL5-2022-D5-01-04</u> | Transformation of the existing fleet towards greener operations through retrofitting (ZEWT Partnership) |
| <u>HORIZON-CL5-2022-D5-01-06</u> | Computational tools for shipbuilding |
| <u>HORIZON-CL5-2022-D5-01-02</u> | Innovative energy storage systems on-board vessels (ZEWT Partnership) |

DAS 3

Energies renouvelables

➔ Appels ouverts du 24/06/2021 au 05/01/2022

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| HORIZON-CL5-2021-D3-02-01 | Demonstration of wave energy devices to increase experience in real sea condition |
| HORIZON-CL5-2021-D3-02-02 | Sustainability and educational aspects for renewable energy and renewable fuel technologies |

➔ Appels ouverts du 02/09/2021 au 23/02/2022

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| HORIZON-CL5-2021-D3-03-10 | Innovative foundations, floating substructures and connection systems for floating PV and ocean energy devices |
| HORIZON-CL5-2021-D3-03-12 | Innovation on floating wind energy deployment optimized for deep waters and different sea basins (Mediterranean Sea, Black Sea, Baltic Sea, North-east Atlantic Ocean) |
| HORIZON-CL5-2021-D3-03-04 | Physics and aerodynamics of atmospheric flow of wind for power production |
| HORIZON-CL5-2021-D3-03-05 | Wind energy in the natural and social environment |

Réseaux, systèmes et stockage

➔ Appel ouvert du 24/06/2021 au 05/01/2022

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| HORIZON-CL5-2021-D3-02-10 | Demonstration of advanced Power Electronics for application in the energy sector |
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Matériaux verts et durables

➔ Appel ouvert du 12/10/2021 au 30/03/2022

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| HORIZON-CL4-2022-RESILIENCE-01-11 | Advanced lightweight materials for energy efficient structures (RIA) |
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Transversal

➔ Appel ouvert du 24/06/2021 au 05/01/2022

[HORIZON-CL5-2021-D3-02-14](#)

Support to the activities of the European Geological Services

Eaux profondes

➔ Appel ouvert du 12/10/2021 au 30/03/2022

[HORIZON-CL4-2022-RESILIENCE-01-02](#)

Monitoring and supervising system for exploration and future exploitation activities in the deep sea (RIA)

Hydrogène

➔ Appel ouvert du 12/10/2021 au 30/03/2022

[HORIZON-CL4-2022-TWIN-TRANSITION-01-17](#)

Integration of hydrogen for replacing fossil fuels in industrial applications (Processes4Planet Partnership)

DAS 4 – Appels ouverts du 28/10/2021 au 15/02/2022

Pêche et aquaculture durable

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| <u>HORIZON-CL6-2022-FARM2FORK-02-05-two-stage</u> | Innovative food from marine and freshwater ecosystems |
| <u>HORIZON-CL6-2022-FARM2FORK-01-05</u> | Integrated and sustainable freshwater bioeconomy: Combining aquaculture, biodiversity preservation, biotechnology and other uses |
| <u>HORIZON-CL6-2022-FARM2FORK-01-06</u> | Biosecurity, hygiene, disease prevention and animal welfare in aquaculture |

Economie circulaire et bioéconomie

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| <u>HORIZON-CL6-2022-CircBio-01-07</u> | Marine microbiome for a healthy ocean and a sustainable blue bioeconomy |
| <u>HORIZON-CL6-2022-CircBio-02-04-two-stage</u> | Photosynthesis revisited: climate emergency, “no pollution and zero-emission” challenge and industrial application |

Systemes alimentaires équitables et respectueux de l'environnement

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| <u>HORIZON-CL6-2022-FARM2FORK-01-08</u> | Building alternative protein-friendly sustainable and healthy food environments |
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DAS 5

Services Copernicus

Appels ouverts du 28/10/2021 au 16/02/2022

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| <u>HORIZON-CL4-2021-SPACE-01-44</u> | Copernicus evolution for cross-services thematic domains |
| <u>HORIZON-CL4-2022-SPACE-01-41</u> | Copernicus Marine Environment Monitoring Service evolution |

Sciences du climat et transformations vers la neutralité climatique

Appels ouverts du 12/10/2021 au 10/02/2022

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| <u>HORIZON-CL5-2022-D1-02-02</u> | Development of high-resolution Earth system models for global and regional climate change projections |
| <u>HORIZON-CL5-2022-D1-01-02-two-stage</u> | Socio-economic risks of climate change in Europe |
| <u>HORIZON-CL5-2022-D1-02-05</u> | Let nature help do the job: Rewilding landscapes for carbon sequestration, climate adaptation and biodiversity support |

Gouvernance innovante, observations environnementales et solutions numériques en soutien au Green Deal

Appels ouverts du 28/10/2021 au 15/02/2022

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| <u>HORIZON-CL6-2022-GOVERNANCE-01-02</u> | European Partnership for a climate neutral, sustainable and productive Blue Economy |
| <u>HORIZON-CL6-2022-GOVERNANCE-01-03</u> | Multi-layer governance performance of marine policies |
| <u>HORIZON-CL6-2022-GOVERNANCE-01-07</u> | New technologies for acquiring in-situ observation datasets to address climate change effects |

Biodiversité, Economie circulaire et communautés côtières

Appels ouverts du 28/10/2021 au 15/02/2022

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|---|---|
| <u>HORIZON-CL6-2022-BIODIV-01-01</u> | Observing and mapping biodiversity and ecosystems, with particular focus on coastal and marine ecosystems |
| <u>HORIZON-CL6-2022-CLIMATE-01-02</u> | Understanding the oceanic carbon cycle |
| <u>HORIZON-CL6-2022-COMMUNITIES-01-03</u> | Integration of marine ecosystem service valuation, conservation and restoration in socio-economic models |
| <u>HORIZON-CL6-2022-CIRCBIO-02-03-two-stage</u> | Sustainable biodegradable novel bio-based plastics: innovation for sustainability and end-of-life options of plastics |

Appel ouvert du 12/10/2021 au 30/03/2022

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| <u>HORIZON-CL4-2022-RESILIENCE-01-03</u> | Streamlining cross-sectoral policy framework throughout the extractive life-cycle in environmentally protected areas (CSA) |
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DAS 6

Services Copernicus

Appel ouvert du 28/10/2021 au 16/02/2022

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|--|--|
| HORIZON-CL4-2021-SPACE-01-44 | Copernicus evolution for cross-services thematic domains |
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Transport par voie navigable

Appels ouverts du 02/12/2021 au 26/04/2022

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|---|--|
| HORIZON-CL5-2022-D5-01-01 | Exploiting electrical energy storage systems and better optimising large battery electric power within fully battery electric and hybrid ships (ZEWTP Partnership) |
| HORIZON-CL5-2022-D5-01-03 | Exploiting renewable energy for shipping, in particular focusing on the potential of wind energy (ZEWTP Partnership) |
| HORIZON-CL5-2022-D5-01-04 | Transformation of the existing fleet towards greener operations through retrofitting (ZEWTP Partnership) |
| HORIZON-CL5-2022-D5-01-06 | Computational tools for shipbuilding |
| HORIZON-CL5-2022-D5-01-02 | Innovative energy storage systems on-board vessels (ZEWTP Partnership) |

Mobilité connectée, cooperative et automatisée

Appel ouvert du 14/10/2021 au 12/01/2022

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| HORIZON-CL5-2022-D6-01-04 | Integrate CCAM services in fleet and traffic management systems (CCAM Partnership) |
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