

**Appels à propositions dans le cadre du programme européen pour la recherche et l'innovation
« HORIZON EUROPE »**

Partenariats JTI

Clean Hydrogen

Titre	Type	Budget	Date d'ouverture	Date limite
HORIZON-JTI-CLEANH2-2023-1 (HORIZON-JTI-CLEANH2-2023-1)				
HORIZON-JTI-CLEANH2-2023-01-01 - Innovative electrolysis cells for hydrogen production	RIA	195 M€	31/01/2023	18/04/2023
HORIZON-JTI-CLEANH2-2023-01-02 - Innovative Solid Oxide electrolysis cells for intermediate temperature hydrogen production	RIA			
HORIZON-JTI-CLEANH2-2023-01-03 - Advances in alkaline electrolysis technology	RIA			
HORIZON-JTI-CLEANH2-2023-01-04 - Photoelectrochemical (PEC) and/or Photocatalytic (PC) production of hydrogen	RIA			
HORIZON-JTI-CLEANH2-2023-01-05 - Waste to Hydrogen demonstration plant	IA			
HORIZON-JTI-CLEANH2-2023-01-06 - Valorisation of by-product O2 and/or heat from electrolysis	IA			
HORIZON-JTI-CLEANH2-2023-01-07 - Hydrogen use by an industrial cluster via a local pipeline network	IA			
HORIZON-JTI-CLEANH2-2023-02-01 - Large-scale demonstration of underground hydrogen storage	IA			
HORIZON-JTI-CLEANH2-2023-02-02 - Pre-Normative Research about the compatibility of transmission gas grid steels with hydrogen and development of mitigation techniques	RIA			
HORIZON-JTI-CLEANH2-2023-02-03 - Novel insulation concepts for LH2 storage tanks	RIA			
HORIZON-JTI-CLEANH2-2023-02-04 - Demonstration of high pressure (500-700 bar) supply chain	IA			
HORIZON-JTI-CLEANH2-2023-02-05 - Demonstration of LH2 HRS for Heavy Duty applications	IA			
HORIZON-JTI-CLEANH2-2023-07-02 - Increasing the lifetime of electrolyser stacks	RIA			
HORIZON-JTI-CLEANH2-2023-03-01 - Real environment demonstration of Non-Road Mobile Machinery (NRMM)	IA			

HORIZON-JTI-CLEANH2-2023-03-02 - Development of a large fuel cell stack for maritime applications	RIA		
HORIZON-JTI-CLEANH2-2023-03-03 - Ultra-low NOx combustion system for aviation	RIA		
HORIZON-JTI-CLEANH2-2023-04-01 - Development and validation of high power and impurity tolerant fuel cell systems ready to run on industrial quality dry hydrogen	RIA		
HORIZON-JTI-CLEANH2-2023-04-02 - Research on fundamental combustion physics, flame velocity and structure, pathways of emissions formation for hydrogen and variable blends of hydrogen, including ammonia	RIA		
HORIZON-JTI-CLEANH2-2023-04-03 - Retrofitting of existing industrial sector natural gas turbomachinery cogeneration systems for hydrogen combustion	IA		
HORIZON-JTI-CLEANH2-2023-04-04 - Hydrogen for heat production for hard-to-abate industries (e.g. retrofitted burners, furnaces)	IA		
HORIZON-JTI-CLEANH2-2023-05-01 - Product environmental footprint pilot for a set of FCH product categories	CSA		
HORIZON-JTI-CLEANH2-2023-05-02 - European Hydrogen Academy	CSA		
HORIZON-JTI-CLEANH2-2023-05-03 - Pre-Normative Research on the determination of hydrogen releases from the hydrogen value chain	RIA		
HORIZON-JTI-CLEANH2-2023-06-01 - Large-scale Hydrogen Valley	IA		
HORIZON-JTI-CLEANH2-2023-06-02 - Small-scale Hydrogen Valley	IA		
HORIZON-JTI-CLEANH2-2023-07-01 - Advanced materials for hydrogen storage tanks	RIA		

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European High Performance Computing (EuroHPC)

Titre	Type	Budget	Date d'ouverture	Date limite
EuroHPC International Cooperation (HORIZON-EUROHPC-JU-2022-INCO-04)				
HORIZON-EUROHPC-JU-2022-INCO-04-01 - EU-Japan Partnership	RIA	5 M€	02/02/2023	04/04/2023
EuroHPC Professional Traineeships (DIGITAL-EUROHPC-JU-2022-TRAINING-03)				
DIGITAL-EUROHPC-JU-2022-TRAINING-03-01 - EuroHPC traineeships in Hosting Entities, Centres of Excellence and Competence Centres, SMEs and Industry	CSA	5 M€	26/01/2023	04/04/2023
DIGITAL-EUROHPC-JU-2022-TRAINING-02-01 - EuroHPC Training Platform and support to the International HPC Summer School	CSA	2 M€	26/01/2023	04/04/2023

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Innovative Health Initiative (IHI)

Titre	Type	Budget	Date d'ouverture	Date limite
HORIZON-JU-IHI-2022-03-single-stage (HORIZON-JU-IHI-2022-03-single-stage)				
HORIZON-JU-IHI-2022-03-01 - Screening platform and biomarkers for prediction and prevention of diseases of unmet public health need	RIA	138 M€	13/12/2022	15/03/2023
HORIZON-JU-IHI-2022-03-02 - Patient-generated evidence to improve outcomes, support decision making, and accelerate innovation	RIA			
HORIZON-JU-IHI-2022-03-03 - Combining hospital interventional approaches to improve patient outcomes and increase hospital efficiency	RIA			
HORIZON-JU-IHI-2022-03-04 - Strengthening the European translational research ecosystem for advanced therapy medicinal products (ATMPs) for rare diseases	RIA			
HORIZON-JU-IHI-2022-03-05 - Digital health technologies for the prevention and personalised management of mental disorders and their long-term health consequences	RIA			

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Réseaux et services intelligents (SNS)

Titre	Type	Budget	Date d'ouverture	Date limite
HORIZON-JU-SNS-2023 (HORIZON-JU-SNS-2023)				
HORIZON-JU-SNS-2023-STREAM-C-01-01 - Complementary SNS experimental Pan-EU federated Infrastructure	RIA	14 M€	17/01/2023	25/04/2024
HORIZON-JU-SNS-2023-STREAM-B-01-06 - EU-US 6G R&I Cooperation	RIA	3 M€		
HORIZON-JU-SNS-2023-STREAM-B-01-02 - Wireless Communication Technologies and Signal Processing	RIA	24 M€		
HORIZON-JU-SNS-2023-STREAM-B-01-04 - Reliable Services and Smart Security	RIA	16 M€		
HORIZON-JU-SNS-2023-STREAM-B-01-05 - Microelectronics-based Solutions for 6G Networks	RIA	15 M€		
HORIZON-JU-SNS-2023-STREAM-CSA-01 - SNS Societal Challenges	CSA	1 M€		
HORIZON-JU-SNS-2023-STREAM-B-01-01 - System Architecture	RIA	20 M€		
HORIZON-JU-SNS-2023-STREAM-D-01-01 - SNS Large Scale Trials and Pilots (LST&Ps) with Verticals – Focused Topic	IA	27 M€		
HORIZON-JU-SNS-2023-STREAM-B-01-03 - Communication Infrastructure Technologies and Devices	RIA	12 M€		

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Europe's Rail

Titre	Type	Budget	Date d'ouverture	Date limite
EU-RAIL JU Call Proposals 2022-01 (HORIZON-ER-JU-2022-01)				



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Key Digital Technologies (KDT)

Titre	Type	Budget	Date d'ouverture	Date limite
Digital European Sky Industrial Research 01 (HORIZON-SESAR-2022-DES-IR-01)				



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Clean Aviation

Titre	Type	Budget	Date d'ouverture	Date limite
Clean Aviation CfP 01 (HORIZON-JU-Clean-Aviation-2022-01)				
Hydrogen-powered aircraft topics				
Hybrid-electric powered regional aircraft topics				
Short/short-medium range aircraft topics				
Transversal activity topics				
Coordination and Support Actions				

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Key Digital Technologies (KDT)

Titre	Type	Budget	Date d'ouverture	Date limite
HORIZON-KDT-JU-2022-1-IA (HORIZON-KDT-JU-2022-1-IA)				



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Key Digital Technologies (KDT)

Titre	Type	Budget	Date d'ouverture	Date limite
Research and Innovation actions supporting the global health EDCTP3 Joint Undertaking (HORIZON-JU-GH-EDCTP3-2022-01)				



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Circular Bio-based Europe (CBE)

Titre	Type	Budget	Date d'ouverture	Date limite
Circular Bio-based Europe Joint Undertaking (HORIZON-JU-CBE-2022)				



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