

Call et topic	Thématique	Type d'action	Budget	Clôture
HORIZON-JTI-CLEANH2-2024-01-01 - Innovative proton conducting ceramic electrolysis cells and stacks for intermediate temperature hydrogen production	Renewable Hydrogen Production	RIA	HORIZON Lump Sum Grant 3 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-01-02 - Advanced anion exchange membrane electrolyzers for low-cost hydrogen production for high power range applications	Renewable Hydrogen Production	RIA	HORIZON Lump Sum Grant 4 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-01-03 - Development of innovative technologies for direct seawater electrolysis	Renewable Hydrogen Production	RIA	HORIZON Lump Sum Grant 4 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-01-04 - Development and implementation of online monitoring and diagnostic tools for electrolyzers	Renewable Hydrogen Production	RIA	HORIZON Lump Sum Grant 4 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-01-05 - Hydrogen production and integration in energy-intensive or specialty chemical industries in a circular approach to maximise total process efficiency and substance utilisation	Renewable Hydrogen Production	IA	HORIZON Lump Sum Grant 10 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-02-01 - Investigation of microbial interaction for underground hydrogen porous media storage	Hydrogen Storage and Distribution	RIA	HORIZON Lump Sum Grant 3 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-02-02 - Novel large-scale aboveground storage solutions for demand-optimised supply of hydrogen	Hydrogen Storage and Distribution	RIA	HORIZON Lump Sum Grant 4 millions € / 1 projet	17 avril 2024, 17:00

HORIZON-JTI-CLEANH2-2024-02-03 - Demonstration of hydrogen purification and separation systems for renewable hydrogen-containing streams in industrial applications	Hydrogen Storage and Distribution	IA	HORIZON Lump Sum Grant 6 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-02-04 - Demonstration of innovative solutions for high-capacity, reliable, flexible, and sustainable hydrogen compression technologies in commercial applications	Hydrogen Storage and Distribution	IA	HORIZON Lump Sum Grant 6 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-02-05 - Demonstration and deployment of multi-purpose Hydrogen Refuelling Stations combining road and airport, railway, and/or harbour applications	Hydrogen Storage and Distribution	IA	HORIZON Lump Sum Grant 8 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-03-01 - Balance of plant components, architectures and operation strategies for improved PEMFC system efficiency and lifetime	Transport	RIA	HORIZON Lump Sum Grant 4 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-03-02 - Scaling-up Balance of Plant components for efficient high-power heavy-duty applications	Transport	RIA	HORIZON Lump Sum Grant 4 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-03-03 - Next generation on-board storage solutions for hydrogen-powered maritime applications	Transport	RIA	HORIZON Lump Sum Grant 5 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-03-04 - Demonstration of hydrogen fuel cell-powered inland or short sea shipping	Transport	IA	HORIZON Lump Sum Grant 6 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-04-01 - Portable fuel cells for backup power during natural disasters to power critical infrastructures	Heat and Power	IA	HORIZON Lump Sum Grant 5 millions € / 1 projet	17 avril 2024, 17:00

HORIZON-JTI-CLEANH2-2024-04-02 - Improved characterisation, prediction and optimisation of flame stabilisation in high-pressure premixed hydrogen combustion at gas-turbine conditions	Heat and Power	RIA	HORIZON Lump Sum Grant 4 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-05-01 - Guidelines for sustainable-by-design systems across the hydrogen value chain	Cross-cutting	CSA	HORIZON Lump Sum Grant 1,5 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-05-02 - Development of non-fluorinated components for fuel cells and electrolysers	Cross-cutting	RIA	HORIZON Lump Sum Grant 3 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-06-01 - Large-scale Hydrogen Valley	Hydrogen Valleys	IA	HORIZON Lump Sum Grant 20 millions € / 1 projet	17 avril 2024, 17:00
HORIZON-JTI-CLEANH2-2024-06-02 - Small-scale Hydrogen Valley	Hydrogen Valleys	IA	HORIZON Lump Sum Grant 9 millions € / 1 projet	17 avril 2024, 17:00