



Topic	Topic title	Type of action	TRL (by the end of the project)	Budget 2022 (en M€)	Expected UE contribution per project (M€)	Expected number of grants	Call opening date	Deadline
HORIZON-CL5-2022-D3-01-01	Demonstration of cost-effective advanced biofuel technologies utilizing existing industrial plants	IA	6-7	20	Around 10.00	2	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-02	Demonstration of innovative materials, supply cycles, recycling technologies to increase the overall circularity of wind energy technology and to reduce the primary use of critical raw materials	IA	6-7	40	Around 13.00	3	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-03	Advanced manufacturing of Integrated PV	IA	7	32	Around 16.00	2	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-04	Demonstrate the use of high temperature geothermal reservoirs to provide energy storage for the energy system	IA	7	20	Around 20.00	1	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-05	Demonstration of innovative plug-and play solutions for system management and renewables storage in off-grid applications	IA	8	10	Around 10.00	1	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-06	Novel Agro-Photovoltaic systems	IA	7	10	Around 5.00	2	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-07	Demonstration of innovative rotor, blades and control systems for tidal energy devices	IA	7	10	Around 10.00	1	14/10/2021	26/04/2022



## Destination 3 : Les appels présentés – Systèmes, grids, stockage, CCUS

Topic	Topic title	Type of action	TRL (by the end of the project)	Budget 2022 (en M€)	Expected UE contribution per project (M€)	Expected number of grants	Call opening date	Deadline
HORIZON-CL5-2022-D3-01-08	Supporting the action of consumers in the energy market and guide them to act as prosumers, communities and other active forms of active participation in the energy activities	IA	6-8	18	5.00 to 6.00	3	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-09	Real Time Demonstrator of Multi-Vendor Multi-Terminal VSC-HVDC with Grid Forming Capability (in support of the offshore strategy)	IA	6-7	55	Around 55.00	1	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-10	Interoperable solutions for flexibility services using distributed energy storage	IA	5-7	7	2.00 to 3.00	3	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-11	Demonstration of innovative forms of storage and their successful operation and integration into innovative energy systems and grid architectures	IA	6-7	30	7.00 to 8.00	4	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-12	Replicable solutions for a cross sector compliant energy ecosystem	IA	6-7	35	8.00 to 9.00	4	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-13	Energy system modelling, optimisation and planning tools	RIA	//	6	Around 6.00	1	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-14	Thermal energy storage solutions	IA	6-7	30	7.00 to 8.00	4	14/10/2021	26/04/2022
HORIZON-CL5-2022-D3-01-15	Decarbonising industry with CCUS	IA	7-8	58	Around 29.00	2	14/10/2021	26/04/2022