

Dest.	Topic	Topic title	Type of action	TRL (by the end of the project)	Budget 2021 (en M€)	Expected UE contribution per project (M€)	Expected number of grants	Call opening date	Deadline
4	HORIZON-CL5-2021-D4-01-01	Advanced energy performance assessment and certification	IA	6-7	10	3.00 to 5.00	2	24/06/2021	19/10/2021
4	HORIZON-CL5-2021-D4-01-02	Industrialisation of deep renovation workflows for energy-efficient buildings	IA	8	16	5.00 to 8.00	2	24/06/2021	19/10/2021
4	HORIZON-CL5-2021-D4-01-03	Advanced data-driven monitoring of building stock energy performance	IA	8	10	3.00 to 5.00	2	24/06/2021	19/10/2021
4	HORIZON-CL5-2021-D4-02-01	Demonstrating integrated technology solutions for buildings with performance guarantees (Built4People)	IA	6-7	15	5.00 to 7.50	2	2/09/2021	25/01/2022
4	HORIZON-CL5-2021-D4-02-02	Cost-effective, sustainable multi-functional and/or prefabricated holistic renovation packages, integrating RES and including re-used and recycled materials (Built4People)	IA	7	22	9.00 to 11.00	2	2/09/2021	25/01/2022
4	HORIZON-CL5-2021-D4-02-03	Strengthening European coordination and exchange for innovation uptake towards sustainability, quality, circularity and social inclusion in the built environment as a contribution to the new European Bauhaus (Built4People)	CSA	//	1	Around 1.00	1	2/09/2021	25/01/2022

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4	HORIZON-CL5-2022-D4-01-01	Demand response in energy-efficient residential buildings	IA	6-7	12	4.00 to 6.00	2	28/04/2022	06/09/2022
4	HORIZON-CL5-2022-D4-01-02	Renewable-intensive, energy positive homes	IA	6-7	12	4.00 to 6.00	2	28/04/2022	06/09/2022
4	HORIZON-CL5-2022-D4-01-03	Smarter buildings for better energy performance	IA	8	12	4.00 to 6.00	2	28/04/2022	06/09/2022
4	HORIZON-CL5-2022-D4-02-01	Designs, materials and solutions to improve resilience, preparedness & responsiveness of the built environment for climate adaptation (Built4People)	IA	6-7	15	5.00 to 7.50	2	6/09/2022	24/01/2023
4	HORIZON-CL5-2022-D4-02-02	Solutions for the sustainable, resilient, inclusive and accessible regeneration of neighbourhoods enabling low carbon footprint lifestyles and businesses (Built4People)	IA	6-7	15	5.00 to 7.50	2	6/09/2022	24/01/2023
4	HORIZON-CL5-2022-D4-02-03	Sustainable and resource-efficient solutions for an open, accessible, inclusive, resilient and low-emission cultural heritage: prevention, monitoring, management, maintenance, and renovation (Built4People)	RIA	5	20	4.00 to 5.00	4	6/09/2022	24/01/2023
4	HORIZON-CL5-2022-D4-02-04	Smart-grid ready and smart-network ready buildings, acting as active utility nodes (Built4People)	IA	7	18	6.00 to 9.00	2	6/09/2022	24/01/2023
4	HORIZON-CL5-2022-D4-02-05	More sustainable buildings with reduced embodied energy / carbon, high life-cycle performance and reduced life-cycle costs (Built4People)	IA	6-7	18	6.00 to 9.50	2	6/09/2022	24/01/2023

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4	HORIZON-CL5-2021-D4-01-04	Full-scale demonstration of heat upgrade technologies with supply temperature in the range 90 - 160°C	IA	7-8	16		Around 8.00	2	24/06/2021	19/10/2021
4	HORIZON-CL5-2021-D4-01-05	Industrial excess (waste) Heat-to-Power conversion based on organic Rankine cycles	IA	6-7	14		10.00 to 14.00	1	24/06/2021	19/10/2021
4	HORIZON-CL5-2022-D4-01-04	Development and pilot demonstration of heat upgrade technologies with supply temperature in the range 150-250°C	RIA	5		10	3.00 to 5.00	2	28/04/2022	06/09/2022
4	HORIZON-CL5-2022-D4-01-05	Development of high temperature thermal storage for industrial applications	RIA	4-5		8	3.00 to 4.00	2	28/04/2022	06/09/2022