



MINISTÈRE
DE L'ENSEIGNEMENT
SUPÉRIEUR
ET DE LA RECHERCHE

*Liberté
Égalité
Fraternité*



Le programme européen pour la recherche et l'innovation



Appels Cluster 5 : 2023-2024

Utilisation efficace, durable et inclusive de l'énergie

Calendrier indicatif



Ouverture	Clôture	Code Appel	Titre Appel	Type	Budget par projet	Nbr attendu de projets	TRL (en fin de projet)
13/12/2022	20/04/2023	HORIZON-CL5-2023-D4-01-01	Innovative cost-efficient solutions for zero-emission buildings	IA	5	2	6-8
13/12/2022	20/04/2023	HORIZON-CL5-2023-D4-01-02	Future-proofing historical buildings for the clean energy transition	RIA	4,5	2	4-5
13/12/2022	20/04/2023	HORIZON-CL5-2023-D4-01-03	Interoperable solutions for positive energy districts (PEDs), including a better integration of local renewables and local excess heat sources	IA	4	2	6-8
13/12/2022	20/04/2023	HORIZON-CL5-2023-D4-01-04	Thermal management and energy optimisation of high energy demand IT systems equipment in tertiary buildings	RIA	3	2	4-5
13/12/2022	20/04/2023	HORIZON-CL5-2023-D4-01-05	Innovative solutions for cost-effective decarbonisation of buildings through energy efficiency and electrification	IA	12,5	2	6-8
04/05/2023	05/09/2023	HORIZON-CL5-2023-D4-02-01	Innovative uses of lifecycle data for the management of buildings and buildings portfolios (Built4People Partnership)	IA	5	2	6-8
04/05/2023	05/09/2023	HORIZON-CL5-2023-D4-02-02	Solutions for the identification of vulnerable buildings and people-centric built environment, and for improving their resilience in disruptive events and altered conditions in a changing climate (Built4People Partnership)	IA	5	2	6-8
04/05/2023	05/09/2023	HORIZON-CL5-2023-D4-02-03	Demonstrate built-environment decarbonisation pathways through bottom-up technological, social and policy innovation for adaptive integrated sustainable renovation solutions (Built4People Partnership)	IA	6	2	6-8
04/05/2023	05/09/2023	HORIZON-CL5-2023-D4-02-04	Fast-tracking and promoting built environment construction and renovation innovation with local value chains (Built4People Partnership)	CSA	2	1	
04/05/2023	05/09/2023	HORIZON-CL5-2023-D4-02-05	Supporting the creation of an accessible and inclusive built environment (Built4People Partnership)	IA	5	2	6-8

Ouverture	Clôture	Code Appel	Titre Appel	Type	Budget par projet	Nbr attendu de projets	TRL (en fin de projet)
07/12/2023	18/04/2024	HORIZON-CL5-2024-D4-01-01	Low-disruptive renovation processes using integration of prefabricated solutions for energy-efficient buildings	IA	5	2	6-8
07/12/2023	18/04/2024	HORIZON-CL5-2024-D4-01-02	Smart grid-ready buildings	IA	5	2	6-8
17/09/2024	21/01/2025	HORIZON-CL5-2024-D4-02-01	Industrialisation of sustainable and circular deep renovation workflows (Built4People Partnership)	IA	8	2	6-8
17/09/2024	21/01/2025	HORIZON-CL5-2024-D4-02-02	Robotics and other automated solutions for construction, renovation and maintenance in a sustainable built environment (Built4People Partnership)	RIA	4	2	4-5
17/09/2024	21/01/2025	HORIZON-CL5-2024-D4-02-03	BIM-based processes and digital twins for facilitating and optimising circular energy renovation (Built4People Partnership)	IA	4	2	6-8
17/09/2024	21/01/2025	HORIZON-CL5-2024-D4-02-04	Design for adaptability, re-use and deconstruction of buildings, in line with the principles of circular economy (Built4People Partnership)	RIA	4	2	5-6
17/09/2024	21/01/2025	HORIZON-CL5-2024-D4-02-05	Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership)	IA	5	2	6-8

Ouverture	Clôture	Code Appel	Titre Appel	Type	Budget par projet	Nbr attendu de projets	TRL (en fin de projet)
13/12/2022	20/04/2023	HORIZON-CL5-2023-D4-01-06	Integration of renewable heat or industrial waste heat in heat-to-cold conversion systems to generate cold for industrial processes	IA	10	2	7
07/12/2023	18/04/2024	HORIZON-CL5-2024-D4-01-03	Alternative heating systems for efficient, flexible and electrified heat generation in industry	IA	5,3	3	6-7

Contacts

- **Mail :**

- **PCN Climat/Energie :** pcn-climat-energie@recherche.gouv.fr
- **PCN Transports :** pcn-transport@recherche.gouv.fr

- **Liste de diffusion :** [PCN Climat/Energie](#) & [PCN Transports](#)

- **Liste de diffusion spécifique aux relais Horizon Europe :** [Inscrivez-vous à la liste Relais HE](#)

- **LinkedIn :**

- **Climat/Energie :** <https://www.linkedin.com/company/pcn-climat-energie>
- **Transports :** <https://www.linkedin.com/company/pcn-transports/>

- **Site internet**

- **Climat/Energie :** <https://www.horizon-europe.gouv.fr/climat-energie-cluster5>
- **Transports :** <https://www.horizon-europe.gouv.fr/transports>