

Liste des appels Industry 2023-2024

Topic ID	Topic + lien web	Deadline
Destination 1 – Climate neutral, Circular and Digitised Production		
Call - TWIN GREEN AND DIGITAL TRANSITION 2023		
<i>Manufacturing Industry</i>		
HORIZON-CL4-2023-TWIN-TRANSITION-01-02	High-precision OR complex product manufacturing – potentially including the use of photonics (Made in Europe and Photonics Partnerships) (IA)	20/04/2023
HORIZON-CL4-2023-TWIN-TRANSITION-01-04	Factory-level and value chain approaches for remanufacturing (Made in Europe Partnership) (IA)	20/04/2023
HORIZON-CL4-2023-TWIN-TRANSITION-01-07	Achieving resiliency in value networks through modelling and Manufacturing as a Service (Made in Europe Partnership) (RIA)	20/04/2023
HORIZON-CL4-2023-TWIN-TRANSITION-01-08	Foresight and technology transfer for Manufacturing as a Service (Made in Europe Partnership) (CSA)	20/04/2023
<i>Energy Intensive Process Industries</i>		
HORIZON-CL4-2023-TWIN-TRANSITION-01-31	Energy efficiency breakthroughs in the process industries (Processes4Planet partnership) (RIA)	20/04/2023
HORIZON-CL4-2023-TWIN-TRANSITION-01-33	Electrification of high temperature heating systems (Processes4Planet Partnership) (IA)	20/04/2023
HORIZON-CL4-2023-TWIN-TRANSITION-01-36	Modelling industry transition to climate neutrality, sustainability and circularity (Processes4Planet partnership) (RIA)	20/04/2023
<i>Circularity and Zero Pollution in process industries</i>		
HORIZON-CL4-2023-TWIN-TRANSITION-01-37	Hubs for circularity for near zero emissions regions applying industrial symbiosis and cooperative approach to heavy industrialized clusters and surrounding ecosystems (Processes4Planet partnership) (IA)	20/04/2023
HORIZON-CL4-2023-TWIN-TRANSITION-01-40	Sustainable and efficient industrial water consumption: through energy and solute recovery (Processes4Planet partnership) (RIA)	20/04/2023

HORIZON-CL4-2023-TWIN-TRANSITION-01-42	Circular economy in process industries: Upcycling large volumes of secondary resources (Processes4Planet partnership) (RIA)	20/04/2023
<i>Clean Steel</i>		
HORIZON-CL4-2023-TWIN-TRANSITION-01-43	Low carbon-dioxide emission technologies for melting iron-bearing feed materials OR smart carbon usage and improved energy & resource efficiency via process integration (Clean Steel Partnership) (IA)	20/04/2023
HORIZON-CL4-2023-TWIN-TRANSITION-01-45	Circular economy solutions for the valorisation of low-quality scrap streams, materials recirculation with high recycling rate, and residue valorisation for long term goal towards zero waste (Clean Steel Partnership) (RIA)	20/04/2023
<i>A New Way to Build, accelerating disruptive change in construction</i>		
HORIZON-CL4-2023-TWIN-TRANSITION-01-11	Intelligent data acquisition and analysis of materials and products in existing built works (RIA)	07 Mar 2023 / 05 Oct 2023
Call - TWIN GREEN AND DIGITAL TRANSITION 2024		
<i>Manufacturing Industry</i>		
HORIZON-CL4-2024-TWIN-TRANSITION-01-03	Manufacturing as a Service: Technologies for customised, flexible, and decentralised production on demand (Made in Europe Partnership) (RIA)	7 fev 2024
HORIZON-CL4-2024-TWIN-TRANSITION-01-05	Technologies/solutions to support circularity for manufacturing (Made in Europe Partnership) (RIA)	7 fev 2024
HORIZON-CL4-2024-TWIN-TRANSITION-01-01	Bio-intelligent manufacturing industries (Made in Europe Partnership) (RIA)	7 fev /24 sep 2024
<i>Energy Intensive Process Industries</i>		
HORIZON-CL4-2024-TWIN-TRANSITION-01-32	Optimisation of thermal energy flows in the process industry (Processes4Planet partnership) (IA)	7 fev 2024
HORIZON-CL4-2024-TWIN-TRANSITION-01-34	Renewable hydrogen used as feedstock in innovative production routes (Processes4Planet Partnership) (RIA)	7 fev 2024
HORIZON-CL4-2024-TWIN-TRANSITION-01-35	Turning CO2 emissions from the process industry to feedstock (Processes4Planet partnership) (IA)	7 fev 2024
<i>Circularity and Zero Pollution in process industries</i>		

HORIZON-CL4-2024-TWIN-TRANSITION-01-38	Hubs for circularity for industrialised urban peripheral areas (Processes4Planet partnership) (IA)	7 fev 2024
HORIZON-CL4-2024-TWIN-TRANSITION-01-41	Breakthroughs to improve process industry resource efficiency (Processes4Planet partnership) (RIA)	7 fev 2024
Clean Steel		
HORIZON-CL4-2024-TWIN-TRANSITION-01-44	Digital transformation and ensuring a better use of industrial data, which can optimise steel supply chains (Clean Steel Partnership) (IA)	7 fev 2024
HORIZON-CL4-2024-TWIN-TRANSITION-01-46	CO2-neutral steel production with hydrogen, secondary carbon carriers and electricity OR innovative steel applications for low CO2 emissions (Clean Steel Partnership) (RIA)	7 fev 2024
A New Way to Build, accelerating disruptive change in construction		
HORIZON-CL4-2024-TWIN-TRANSITION-01-12	Enhanced assessment, intervention and repair of civil engineering infrastructure (RIA)	7 fev /24 sep 2024
Destination 2 – Increased Autonomy in Key Strategic Value Chains for Resilient Industry		
Call - RESILIENT VALUE CHAINS 2023		
Strategic innovation markets driven by advanced materials		
HORIZON-CL4-2023-RESILIENCE-01-32	Bioinspired and biomimetic materials for sustainable textiles (IA)	07 Mar 2023 / 05 Oct 2023
HORIZON-CL4-2023-RESILIENCE-01-33	Smart sensors for the Electronic Appliances market (RIA)	07 Mar 2023 / 05 Oct 2023
HORIZON-CL4-2023-RESILIENCE-01-34	Advanced (nano and bio-based) materials for sustainable agriculture (RIA)	07 Mar 2023 / 05 Oct 2023
HORIZON-CL4-2023-RESILIENCE-01-37	Advanced materials for magnets in applications for the New Energies Market (RIA)	07 Mar 2023 / 05 Oct 2023
Raw Materials for EU strategic autonomy and successful transition to a climate-neutral and circular economy		
HORIZON-CL4-2023-RESILIENCE-01-02	Innovative technologies for sustainable and decarbonised extraction (RIA)	20/04/2023
HORIZON-CL4-2023-RESILIENCE-01-03	Technologies for processing and refining of critical raw materials (IA)	20/04/2023
HORIZON-CL4-2023-RESILIENCE-01-05	Recycling technologies for critical raw materials from EoL products (IA)	20/04/2023

HORIZON-CL4-2023-RESILIENCE-01-06	Earth Observation platform, products and services for raw materials (IA)	20/04/2023
HORIZON-CL4-2023-RESILIENCE-01-07	Expert network on Critical raw materials (CSA)	20/04/2023
HORIZON-CL4-2023-RESILIENCE-01-09	Recyclability and resource efficiency of Rare Earth based magnets (IA)	20/04/2023
<i>Safe and Sustainable by Design (SSbD) Chemicals and Materials</i>		
HORIZON-CL4-2023-RESILIENCE-01-21	Innovative methods for safety and sustainability assessments of chemicals and materials (RIA)	20/04/2023
HORIZON-CL4-2023-RESILIENCE-01-22	Integrated approach for impact assessment of safe and sustainable chemicals and materials (RIA)	20/04/2023
HORIZON-CL4-2023-RESILIENCE-01-23	Computational models for the development of safe and sustainable by design chemicals and materials (RIA)	20/04/2023
<i>Strategic innovation markets driven by advanced materials</i>		
HORIZON-CL4-2023-RESILIENCE-01-39	Coordination and knowledge sharing across materials development communities (CSA)	20/04/2023
<i>Improving the resilience of EU businesses, especially SMEs and Startups</i>		
HORIZON-CL4-2023-RESILIENCE-01-42	Boosting generation and diffusion of advanced technologies in SMEs based on a supply chain model (CSA)	20/04/2023
HORIZON-CL4-2023-RESILIENCE-01-44	Affordable Housing District Demonstrator (IA)	20/04/2023
Call - RESILIENT VALUE CHAINS 2024		
<i>Strategic innovation markets driven by advanced materials</i>		
HORIZON-CL4-2024-RESILIENCE-01-35	Biodegradable polymers for sustainable packaging materials (IA)	7 fev /24 sep 2024
HORIZON-CL4-2024-RESILIENCE-01-36	Advanced biomaterials for the Health Care (IA)	7 fev /24 sep 2024
<i>Raw Materials for EU strategic autonomy and successful transition to a climate-neutral and circular economy</i>		
HORIZON-CL4-2024-RESILIENCE-01-01	Exploration of critical raw materials in deep land deposits (RIA)	7 fev 2024
HORIZON-CL4-2024-RESILIENCE-01-08	Rare Earth and magnets innovation hubs (IA)	7 fev 2024
HORIZON-CL4-2024-RESILIENCE-01-11	Technologies for extraction and processing of critical raw materials (IA)	7 fev 2024
HORIZON-CL4-2024-RESILIENCE-01-10	Addressing due diligence requirements in raw materials supply chains. (CSA)	7 fev 2024
HORIZON-CL4-2024-RESILIENCE-01-04	Technologies for processing and refining of critical raw materials (IA)	7 fev 2024

<i>Safe and Sustainable by Design (SSbD) Chemicals and Materials</i>		
HORIZON-CL4-2024-RESILIENCE-01-24	Development of safe and sustainable by design alternatives (IA)	7 fev 2024
<i>Improving the resilience of EU businesses, especially SMEs and Startups</i>		
HORIZON-CL4-2024-RESILIENCE-01-41	Innovate to transform' support for SME's sustainability transition (CSA)	7 fev 2024