



In deze wegwijzer...

Deze wegwijzer leidt u door de calls van Horizon Europe, hét programma van de Europese Commissie om onderzoek en innovatie (financieel) te ondersteunen. Het geeft een overzicht van de vele mogelijkheden binnen de verschillende Horizon-onderdelen.

Horizon Europe

Horizon Europe bouwt voort op het succes van Horizon 2020 voor de periode 2021-2027. Met Horizon Europe wil de Europese Commissie (EC) het concurrentievermogen van Europa vergroten door wetenschap en innovatie te stimuleren. Daarnaast wil de EC het bedrijfsleven en de academische wereld uitdagen om samen oplossingen te bedenken voor maatschappelijke vraagstukken die in heel Europa spelen.

Projectvormen

Missies

Partnerschappen

Vind uw match
Onze diensten

Andere EU programma's Contact

Pillar 1 - Excellent Science

Pillar 2 - Global Challenges and European Industrial Competitiveness

Pillar 3 - Innovative Europe

Horizontale acties en overige programma's

Widening participation and strengthening the European Research Area
CERV
Europees Defensie Fonds (EDF)

**HORIZON
EUROPE**

**THE EU RESEARCH &
INNOVATION PROGRAMME
2021 - 2027**

#HorizonEU



EUROPEAN UNION

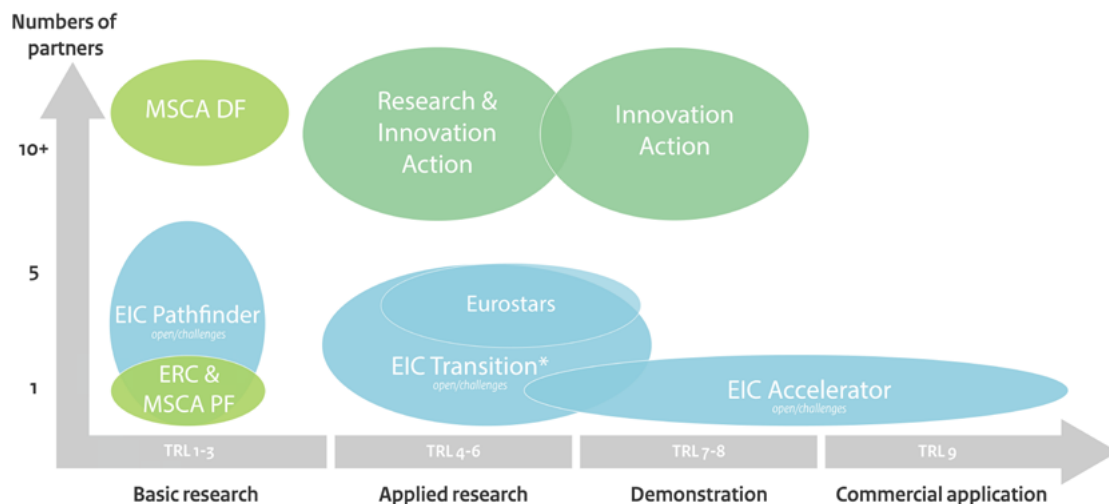
Projectvormen en TRL

Projectvormen

Horizon Europe financiert vooral onderzoeks- en innovatieprojecten, zowel kleinschalige als grootschalige. Soms wordt specifiek gevraagd om deelname van het midden- en kleinbedrijf (MKB). Daarnaast is er financiering voor programma ondersteunende projecten zoals het organiseren van een evenement of het schrijven van een onderzoeksagenda. Tenslotte ondersteunt Horizon Europe innovatiegericht inkopen en afstemming van nationale onderzoeksprogramma's. De verschillende projectvormen worden als volgt afgekort:

Afkorting	Betekenis	Soort project	Aantal partners	Subsidie
RIA	Research and innovation action	Onderzoeksproject met mogelijk innovatie-elementen	3+	100%
IA	Innovation action	Innovatieproject (demo, pilot, market replication)	3+	70% (non-profit 100%)
IMDA	Innovation and Market Deployment Action	Innovatie en marktontwikkel-project door midden- en kleinbedrijf (MKB)	1	70%
CSA	Coordination and support action	Ondersteunende activiteiten	1+	100%
EJP	European Joint Programme Cofund	Co-financiering van gecoördineerde nationale onderzoeksprogramma's	5+	50%
CO-FUND	co-funded European Partnership	partnerschap van onderzoeksfinanciers en andere publieke partners		30-70%
PCP	re-Commercial Procurement	Publieke partijen voeren een gezamenlijk aanbestedingsproces uit om innovatieve oplossingen te laten ontwikkelen		100%

TRL



* Voor EIC Transition Challenges: Alleen voor indieners uit/of IP houders van resultaten uit alle Horizon 2020 en Horizon Europe projecten, én niet langer dan 24 maanden geleden is afgerond bij call deadline óf indien nog lopend, tenminste 12 maanden geleden gestart is op call deadline.

* Voor EIC Transition Open: Alleen voor indieners uit/of IP houders van resultaten uit projecten gefinancierd in EIC Pathfinder projects (inclusief projecten gefinancierd onder EIC pilot Pathfinder, Horizon 2020 FET-Open, FET-Proactive) and FET Flagships calls (inclusief ERANET calls van het FET Work Programme) én niet langer dan 24 maanden geleden is afgerond bij call deadline óf indien nog lopend, tenminste 12 maanden geleden gestart is op call deadline. Specifieke calls zijn: FETOPEN-RIA-2014-2015; FETOPEN-01-2016-2017; FETOPEN-01-2018-2019-2020;; FETPROACT-01-2016; FETPROACT-01-2018; FETPROACT-EIC-05-2019; FETPROACT-EIC-07-2020; FETHPC-01-2016, FETHPC-02-2017, FETHPC-01-2018, FETPROACT-EIC-08-2020; FETPROACT-09-2020; FETOPEN-03-2018-2019-2020; FETFLAG-03-2018; FETFLAG-05-2020 H2020-FETFLAG-2014 (for projects funded under the related Specific Grant Agreements); projects resulting from a joint transnational call (both with and without EU co-funding) under any of the QuantERA, FLAG-ERA and ChistERA ERANETS



Missies

Missies hebben de ambitie om de samenleving te veranderen en vorm te geven. De resultaten van de projecten onder de missies moeten tot de verbeelding van de Europese burgers spreken. Missies zullen een reeks onderzoeksactiviteiten beslaan, van fundamenteel onderzoek tot aan het introduceren van innovatieve ideeën op de markt. Afhankelijk van de onderzoeksactiviteit zou de financieringsvorm bijvoorbeeld een beurs, het kopen van aandelen of een lening kunnen zijn.



Mission: Adaptation to Climate Change: support at least 150 European regions and communities to become climate resilient by 2030

De EU-missie [Klimaatadaptatie](#) ondersteunt regio's bij klimaatadaptatie door klimaatrisico's in beeld te brengen, trajecten voor klimaatadaptatie te ontwikkelen en innovatieve oplossingen te testen en te implementeren die de regio's beter bestand maken tegen klimaatverandering. De missie geeft daarbij mede uitvoering aan de [EU Adaptation Strategy](#) en de [Europese Green Deal](#). Deelname aan de missie kan door het ondertekenen van het Mission Charter (gesloten per 25 november 2022). 215 regio's, gemeenschappen en andere stakeholders hebben het Charter ondertekend. Zij krijgen ondersteuning van een EU Mission Platform. Daarnaast zijn er binnen het werkprogramma een aantal topics gelanceerd.

In Nederland is in opdracht van het Ministerie van Infrastructuur en Waterstaat een verkennend onderzoek uitgevoerd om inzicht te krijgen in de behoeften van Nederlandse regio's voor ondersteuning bij de implementatie van deze missie. Op dit moment wordt gekeken hoe het beste invulling te geven aan de resultaten hiervan.

Contact

Laura Platenkamp
Alexander van Dorssen

Naar de calls



Mission: Cancer

Verbetering van het leven van meer dan 3 miljoen mensen tegen 2030 door middel van preventie, genezing en voor degenen die door kanker zijn getroffen, inclusief hun families, om langer en beter te leven.

Kanker treft iedereen, ongeacht leeftijd, geslacht of sociale status, en vormt een enorme last voor patiënten, families en de samenleving als geheel. Volgens het Europees Kanker Informatie Systeem wordt in Europa elk jaar bij 2,7 miljoen mensen de diagnose kanker gesteld en verliezen 1,3 miljoen mensen het leven als gevolg van deze ziekte. Als er geen verdere actie wordt ondernomen, zal het aantal nieuw gediagnosticeerde mensen in 2040 toenemen tot meer dan 3,24 miljoen. De Kanker missie heeft duidelijke en ambitieuze doelstellingen gedefinieerd om deze angstaanjagende trends om te buigen. De 4 missiedoelstellingen:

- Inzicht in kanker
- Preventie en vroege opsporing
- Diagnose en behandeling
- Kwaliteit van leven voor patiënten en hun families

Contact

Tonnie Rijkers
Gwendolynn Bos-Grootaers

Naar de calls



Missies



Mission: 100 Climate-Neutral and Smart Cities by 2030

De EU-missie **Klimaat-neutrale en slimme steden** benadrukt het belang van steden in het bereiken van klimaat-neutraliteit in 2050 (de doelstelling van de **Europese Green Deal**). De digitale en groene transitie van steden staat centraal. Steden worden binnen de missie gezien als koplopers: hubs voor innovatie waar oplossingen kunnen worden getest en geïmplementeerd. Samenwerking tussen steden, burgers, investeerders en andere overheden op regionaal en nationaal niveau staat centraal. Steden konden zich tussen november 2021 en januari 2022 inschrijven voor een Expression of Interest. 100 steden zijn geselecteerd om deel te nemen aan de missie en worden ondersteund door een Mission Platform (het **NetZeroCities** consortium). Daarnaast zijn er binnen het EU Missie Werkprogramma een aantal topics gelanceerd.

In Nederland is in opdracht van het Ministerie van Binnenlandse Zaken en Koninkrijksrelaties (BZK) door TNO een onderzoek uitgevoerd naar de behoeften van Nederlandse stakeholders voor ondersteuning bij implementatie van deze missie. Op dit moment wordt door het Ministerie van BZK en RVO gewerkt aan het opzetten van een nationale ondersteuningsstructuur.

Contact

Laura Platenkamp

Naar de calls



Mission: Restore our Ocean and Waters

De Oceans missie heeft als doel de gezondheid van oceanen en wateren te beschermen en te herstellen door middel van onderzoek en innovatie, betrokkenheid van de burger en “blauwe” investeringen. De nieuwe aanpak van de missie zal de oceaan en de binnenlandse wateren als één geheel benaderen en een sleutelrol spelen bij het bereiken van klimaatneutraliteit en het herstel van de natuur.

Contact

Saske Hoving
Suraj Jamge
Alexander van Dorssen

Naar de calls



Mission: A Soil Deal for Europe

De Soil missie zal de overgang ondersteunen naar een gezonde bodem tegen 2030. Hiervoor wordt een effectief netwerk van 100 proeftuinen en “lighthouses” opgezet in landelijke en stedelijke gebieden. Naast het creëren van kennis en oplossingen voor de bodemgezondheid, zal de missie de ontwikkeling van een geharmoniseerd kader voor bodemmonitoring in Europa bevorderen en de mensen bewust maken van het vitale belang van de bodem.

Contact

Saske Hoving
Suraj Jamge

Naar de calls



Partnerschappen

Partnerschappen

Partnerschappen zijn initiatieven tussen de Europese Commissie en lidstaten, de particuliere sector, stichtingen en andere belanghebbenden waarbij de deelnemers allen een financiële bijdrage leveren om het doel van het partnerschap te realiseren. Onderstaand overzicht geeft het overzicht van de partnerschappen. Kijk voor meer info ook op de [EC website](#).

Horizon Europe Pillar II

Cluster 1: Health	Cluster 4: Digital, Industry & Space	Cluster 5: Climate, Energy & Mobility	Cluster 6: Food, Bio-economy, Agriculture, ...
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circulair Bio-based Europe
Global Health Partnership	Smart Networks & Services	Clean Aviation	Rescuing Biodiversity to Safeguard Life on Earth
Transformation of health systems	High Performance Computing	Single European Sky ATM Research 3	Climate Neutral, Sustainable & Productive Blue Economy
Chemicals risk assessment	European Metrology (Art.185)	Europe's Rail	Water4All
ERA for Health	AI-Data-Robotics	Connected and Automated Mobility (CCAM)	Animal Health & Welfare
Rare diseases	Phonotics	Batteries	Accelerating Farming Systems Transitions
One-Health Anti Microbial Resistance	Made in Europe	Zero-emission waterborne transport	Agriculture of Data
Personalised Medicine	Clean steel - low-carbon steelmaking	Zero-emission road transport	Safe & Sustainable Food Systems
Pandemic Preparedness Co-Funded or co-programmed	Processes4Planet	Built4People	
	Global competitive space systems	Clean Energy Transition	
		Driving Urban Transitions	

Horizon Europe Pillar III

EIT (knowledge & innovation communities)	Support to Innovation Ecosystems
InnoEnergy	Innovative SMEs
Climate	
Digital	
Food	
Health	
Raw Materials	
Manufacturing	
Urban Mobility	
Cultural and Creative Industries	

CROSS-Pillars II & III

European Open Science Cloud



Vind uw match

Deze wegwijzer leidt u door het omvangrijke Horizon programma en geeft een overzicht van de mogelijkheden binnen Horizon Europe in 2021 en 2022, gebaseerd op de werkprogramma's van de Europese Commissie. De sluitingsdata variëren per onderdeel. De budgetten staan aangegeven in miljoenen euro's.

Stap 1: Blader door verschillende Horizon-onderdelen en kijk welke kansen er voor u liggen.
Stap 2: Ziet u een interessant onderwerp (topic)? De complete beschrijving hiervan leest u in het werkprogramma van het betreffende Horizon-onderdeel.

Kijk voor algemene informatie over Horizon Europe op de [website van de Europese Commissie](#),
Belangrijke documenten zoals werkprogramma's vindt u onder [reference documents](#).

Ga bij het indienen van uw projectaanvraag altijd uit van de definitieve, officiële documenten op de participant portal. Deze wegwijzer is met zorg samengesteld uit de diverse werkprogramma's, maar de Europese Commissie kan deze altijd nog wijzigen. Gaat u aan de slag met Horizon Europe? Ga dan altijd uit van de actuele gegevens van de website van de Europese Commissie!

Juridisch-Financieel

Als uw projectvoorstel is goedgekeurd dan krijgt u te maken met de contractonderhandelingen en moeten er zaken worden geregeld op juridisch-financieel terrein. Ook hierbij kunnen onze adviseurs een nuttige rol spelen.

Contact

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Onze diensten

Wij bieden verschillende diensten:

Trainingen en informatiedagen

Tijdens onze trainingen en informatiedagen informeren wij u over de verschillende onderdelen van Horizon Europe. De voorlichtingsdagen zijn gericht op specifieke calls. Een training gaat dieper in op het deelnemen aan een Horizon Europe project of maakt deelnemers bekend met de juridische en financiële aspecten rondom de aanvraag en daarna.

Een overzicht van alle trainingen en informatiedagen vindt u in de [Horizon Europe-agenda](#).

Advies

Hoe past uw onderzoeksproject in Horizon Europe? Is het project haalbaar? Wij adviseren u graag over uw deelname aan Horizon Europe. Ook kunt u bij ons terecht voor feedback op uw voorstel.

Missies

Heeft u internationale ambities op het gebied van innovatie en technologie? Ga dan mee met één van onze [innovatiemissies](#).

Partner search

Bent u op zoek naar partners voor een Europees onderzoeksproject? [Enterprise Europe Network \(EEN\)](#) helpt u graag met het vinden van de juiste partner.

Liaison Nederland-Brussel

Wij houden u op de hoogte van de ontwikkelingen in Horizon Europe en zorgen ervoor dat uw stem in Brussel wordt gehoord.

Analyses

De Rijksdienst voor Ondernemend Nederland analyseert de Nederlandse deelname aan Horizon Europe naarmate het programma vordert.



Pillar 1

Excellent Science

European Research Council (ERC)

8

Marie Skłodowska-Curie Actions

9

Research Infrastructures

10



European Research Council (ERC)

ERC stimuleert excellente onderzoekers om de wetenschappelijke grenzen binnen hun vakgebied te verleggen (frontier research). Het is niet noodzakelijk dat dit onderzoek in internationaal verband wordt uitgevoerd.

Contact

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Ga direct naar de calls
op de website van de EC 

Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline
ERC-2023-StG	ERC-2023-Starting Grant	Personal Grant	628	max. 1,5	gesloten op 25-10-2022
ERC-2023-CoG	ERC-2023-Consolidator Grant	Personal Grant	595	max. 2	gesloten op 02-02-2023
ERC-2023-AdG	ERC-2023-Advanced Grant	Personal Grant	597	max. 2,5	23/05/2023
ERC-2023-SyG	ERC-2023-Synergy Grant	Personal Grant	300	max. 10	gesloten op 08-11-2022
ERC-2023-PoC	ERC-2023-Proof of Concept Grant	Personal Grant	30	150.000 euro	24-01-2023 / 20-04-2023 / 14-09-2023
ERC-2024-StG	ERC-2024-Starting Grant	Personal Grant		max. 1,5	verwacht oktober 2023
ERC-2024-CoG	ERC-2024-Consolidator Grant	Personal Grant		max. 2	verwacht februari 2024
ERC-2024-AdG	ERC-2024-Advanced Grant	Personal Grant		max. 2,5	verwacht mei 2024
ERC-2024-SyG	ERC-2024-Synergy Grant	Personal Grant		max. 10	verwacht november 2023
ERC-2024-PoC	ERC-2024-Proof of Concept Grant	Personal Grant		150.000 euro	



Marie Skłodowska-Curie Actions

Marie Skłodowska-Curie ondersteunt onderzoekers bij het uitbouwen van hun internationale onderzoekscarrière. Zo zijn er bijvoorbeeld mogelijkheden om (met financiële ondersteuning) gedurende een bepaalde periode onderzoek te doen in het buitenland en om buitenlandse onderzoekers tijdelijk in dienst te nemen.

Contact

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Topicnr	Topic naam	Projecttype	Budget totaal (M)	Deadline
HORIZON-MSCA-2023-DN-01	MSCA Doctoral Networks 2023	Training and Mobility Action	438,8	28/11/2023
HORIZON-MSCA-2023-PF-01	MSCA Postdoctoral Fellowships 2023	Training and Mobility Action	260,47	13/09/2023
HORIZON-MSCA-2023-SE-01	MSCA Staff Exchanges 2023	Training and Mobility Action	78,5	28/02/2024
HORIZON-MSCA-2023-COFUND-01	MSCA COFUND 2023	Training and Mobility Action	96,57	08/02/2024
HORIZON-MSCA-2023-CITIZENS-01	MSCA and Citizens 2023	Training and Mobility Action	15,42	25/10/2023
HORIZON-MSCA-2024-DN-01	MSCA Doctoral Networks 2024	Training and Mobility Action	451,15	27/11/2024
HORIZON-MSCA-2024-PF-01	MSCA Postdoctoral Fellowships 2024	Training and Mobility Action	270,75	11/09/2024
HORIZON-MSCA-2024-SE-01	MSCA Staff Exchanges 2024	Training and Mobility Action	81,23	05/03/2025
HORIZON-MSCA-2024-COFUND-01	MSCA COFUND 2024	Training and Mobility Action	99,28	06/02/2025



Research Infrastructures

Onderzoeksinfrastructuren (Research Infrastructures of RI's) zijn faciliteiten, middelen en diensten die de wetenschap gebruikt om toponderzoek uit te voeren. Het RI programma versterkt o.a. de kwaliteit van de RIs, zorgt voor betere toegankelijkheid en financiert Europese samenwerking.

Contact

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Ga direct naar de calls
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Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline
DESTINATION – DEVELOPING, CONSOLIDATING AND OPTIMISING THE EUROPEAN RESEARCH INFRASTRUCTURES LANDSCAPE, MAINTAINING GLOBAL LEADERSHIP (INFRADEV)					
<i>Call - Developing, consolidating and optimising the European research infrastructures landscape, maintaining global leadership (2023)</i>					
HORIZON-INFRA-2023-DEV-01-01	Concept development for a research infrastructure to manage, integrate and sustain large medical cohort studies	RIA	3	1-3	09/03/2023
HORIZON-INFRA-2023-DEV-01-02	Early phase implementation of ESFRI Projects which entered the ESFRI Roadmap in 2018	CSA	7.5	1-1.5	09/03/2023
HORIZON-INFRA-2023-DEV-01-03	Consolidation of the RI landscape – Individual support for evolution and long-term sustainability of pan-European research infrastructures	RIA	40	3-4	09/03/2023
HORIZON-INFRA-2023-DEV-01-04	Consolidation of the RI landscape – development of complementarities, synergies and/or integration between a set of pan- European research infrastructures	RIA	20	2-5	09/03/2023
HORIZON-INFRA-2023-DEV-01-05	Preparation of common strategies for future development of RI technologies and services within broad RI communities	CSA	12.5	1.5-2.5	09/03/2023
HORIZON-INFRA-2023-DEV-01-06	Strengthen the bilateral cooperation on research infrastructures with Latin America	CSA	3.75	0.75-1.5	09/03/2023
HORIZON-INFRA-2023-DEV-01-07	Strengthening the international dimension of ESFRI and/or ERIC research infrastructures	CSA	7.8	1-1.5	09/03/2023
HORIZON-INFRA-2023-DEV-01-08	Preparatory phase of new ESFRI research infrastructure projects	CSA	3	3	09/03/2023
<i>Call - Developing, consolidating and optimising the European research infrastructures landscape, maintaining global leadership (2024)</i>					
HORIZON-INFRA-2024-DEV-01-01	Research infrastructure concept development	RIA	14	1-3	12/03/2024
HORIZON-INFRA-2024-DEV-01-02	Strengthen the bilateral cooperation on research infrastructures with Africa	CSA	1.5	1-1.5	12/03/2024
HORIZON-INFRA-2024-DEV-01-03	Consolidation of the RI landscape – Individual support for evolution, long term sustainability and emerging needs of pan-European research infrastructures	RIA	8	2-4	12/03/2024



Research Infrastructures

Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline
DESTINATION – ENABLING AN OPERATIONAL, OPEN AND FAIR EOSC ECOSYSTEM (INFRAEOSC)					
<i>Call - Enabling an operational, open and FAIR EOSC ecosystem (2023)</i>					
HORIZON-INFRA-2023-EOSC-01-01	Build on the science cluster approach to ensure the uptake of EOSC by research infrastructures and research communities	RIA	25	25	09/03/2023
HORIZON-INFRA-2023-EOSC-01-02	Development of community-based approaches for ensuring and improving the quality of scientific software and code	RIA	8	8	09/03/2023
HORIZON-INFRA-2023-EOSC-01-03	Planning, tracking, and assessing scientific knowledge production	RIA	8	8	09/03/2023
HORIZON-INFRA-2023-EOSC-01-04	Next generation services for operational and sustainable EOSC Core Infrastructure	RIA	10	10	09/03/2023
HORIZON-INFRA-2023-EOSC-01-05	EOSC Architecture and Interoperability Framework	CSA	3	3	09/03/2023
HORIZON-INFRA-2023-EOSC-01-06	Trusted environments for sensitive data management in EOSC	RIA	15	5	09/03/2023
<i>Call - Enabling an operational, open and FAIR EOSC ecosystem (2024)</i>					
HORIZON-INFRA-2024-EOSC-01-01	FAIR and open data sharing in support of the mission adaptation to climate change	RIA	16	8	12/03/2024
HORIZON-INFRA-2024-EOSC-01-02	Supporting the EOSC Partnership in further consolidating the coordination and sustainability of the EOSC ecosystem	CSA	4	4	12/03/2024
HORIZON-INFRA-2024-EOSC-01-03	Enabling a network of EOSC federated and trustworthy repositories and enhancing the framework of generic and discipline specific services for data and other research digital objects	CSA	5	5	12/03/2024
HORIZON-INFRA-2024-EOSC-01-04	Long-term access and preservation infrastructure development for EOSC, including data quality aspects	RIA	8	8	12/03/2024
HORIZON-INFRA-2024-EOSC-01-05	Innovative and customizable services for EOSC Exchange	RIA	28	7	12/03/2024
DESTINATION – RESEARCH INFRASTRUCTURE SERVICES TO SUPPORT HEALTH RESEARCH, ACCELERATE THE GREEN AND DIGITAL TRANSFORMATION, AND ADVANCE FRONTIER KNOWLEDGE (INFRA SERV)					
<i>Call- Research infrastructure services to support health research, accelerate the green and digital transformation, and advance frontier knowledge (2023)</i>					
HORIZON-INFRA-2023-SERV-01-01	Research infrastructure services to enable R&I addressing main challenges and EU priorities	RIA	105	8-14.5	09/03/2023
HORIZON-INFRA-2023-SERV-01-02	Research infrastructure services advancing frontier knowledge	RIA	25.10	8-14.5	09/03/2023
HORIZON-INFRA-2023-SERV-01-03	Research infrastructure services advancing frontier knowledge: co-fund pilots with pan-European RIs and/or national RIs	COFUND	12	12	09/03/2023



Research Infrastructures

Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline
DESTINATION - NEXT GENERATION OF SCIENTIFIC INSTRUMENTATION, TOOLS AND METHODS AND ADVANCED DIGITAL SOLUTIONS (INFRA TECH)					
<i>Call - Next generation of scientific instrumentation, tools, methods, and advanced digital solutions for RIs (2023)</i>					
HORIZON-INFRA-2023-TECH-01-01	New technologies and solutions for reducing the environmental and climate footprint of RIs	RIA	25	5	09/03/2023
<i>Call - Enabling an operational, open and FAIR EOSC ecosystem (2024)</i>					
HORIZON-INFRA-2024-TECH-01-01	R&D for the next generation of scientific instrumentation, tools, methods, solutions for RI upgrade	RIA	62	5-10	12/03/2024
HORIZON-INFRA-2024-TECH-01-02	Development of tools, solutions, modules to enable R&I on the social aspects of the green transition	RIA	5	5	12/03/2024
HORIZON-INFRA-2024-TECH-01-03	New digital twins for Destination Earth	RIA	45	15	12/03/2024
HORIZON-INFRA-2024-TECH-01-04	AR/VR-empowered digital twins for modelling complex phenomena in new RI application areas	RIA	24	12	12/03/2024



Pillar 2

Global Challenges and European Industrial Competitiveness

Cluster 1: Health	14
Cluster 2: Culture Creativity and Inclusive Society	24
Cluster 3: Civil Security for Society	28
Cluster 4: Digital	33
Cluster 4: Industry	39
Cluster 4: Space	47
Cluster 5: Climate	50
Cluster 5: Energy	56
Cluster 5: Mobility	63
Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment	71



Cluster 1: Health

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Pillar 2

Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
Destination 1. Staying healthy in a rapidly changing society						
HORIZON-HLTH-2023-STAYHLTH-01-01	The Silver Deal - Person-Centred health care in European regions	RIA	40	15–20	13/04/2023	n.v.t.
HORIZON-HLTH-2024-STAYHLTH-01-02-two-stage	Towards a holistic support to children and adolescents' health and care provisions in an increasingly digital society	RIA	30	8-10	19/09/2023	11/04/2024
HORIZON-HLTH-2024-STAYHLTH-01-05-two-stage	Personalised prevention of non-communicable diseases - addressing areas of unmet needs using multiple data sources	RIA	50	8-12	19/09/2023	11/04/2024
Destination 2. Living and working in a health-promoting environment						
HORIZON-HLTH-2023-ENVHLTH-02-01	Planetary health: understanding the links between environmental degradation and health impacts	RIA	30	5-6	13/04/2023	
HORIZON-HLTH-2023-ENVHLTH-02-02	Evidence-based interventions for promotion of mental and physical health in changing working environments (post-pandemic workplaces)	RIA	30	5-6	13/04/2023	
HORIZON-HLTH-2023-ENVHLTH-02-03	Health impacts of endocrine-disrupting chemicals: bridging science-policy gaps by addressing persistent scientific uncertainties	RIA	40	6-7	13/04/2023	
HORIZON-HLTH-2023-ENVHLTH-02-04	Global coordination of exposome research	CSA	3	3	13/04/2023	
HORIZON-HLTH-2024-ENVHLTH-02-06-two-stage	The role of environmental pollution in non-communicable diseases: air, noise and light and hazardous waste pollution	RIA	60	7-8	19/09/2023	11/04/2024
Destination 3. Tackling diseases and reducing disease burden						
HORIZON-HLTH-2023-DISEASE-03-01	Novel approaches for palliative and end-of-life care for non-cancer patients	RIA	50	6-7	13/04/2023	
HORIZON-HLTH-2023-DISEASE-03-03	Interventions in city environments to reduce risk of non-communicable disease (Global Alliance for Chronic Diseases - GACD)	RIA	20	3-4	13/04/2023	



Cluster 1: Health

Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
HORIZON-HLTH-2023-DISEASE-03-04	Pandemic preparedness and response: Broad spectrum anti-viral therapeutics for infectious diseases with epidemic potential	RIA	50	7-8	13/04/2023	
HORIZON-HLTH-2023-DISEASE-03-05	Pandemic preparedness and response: Sustaining established coordination mechanisms for European adaptive platform trials and/or for cohort networks	CSA	3	1-2	13/04/2023	
HORIZON-HLTH-2023-DISEASE-03-06	Towards structuring brain health research in Europe	CSA	1	1	13/04/2023	
HORIZON-HLTH-2023-DISEASE-03-07	Relationship between infections and non-communicable diseases	RIA	30	6-7	13/04/2023	
HORIZON-HLTH-2023-DISEASE-03-17	Pandemic preparedness and response: Understanding vaccine induced-immunity	RIA	20	7-8	13/04/2023	
HORIZON-HLTH-2023-DISEASE-03-18	Pandemic preparedness and response: Immunogenicity of viral proteins of viruses with epidemic and pandemic potential	RIA	50	7-8	13/04/2023	
HORIZON-HLTH-2023-DISEASE-07-01	European Partnership on Rare Diseases	CO-FUND	50	50	19/09/2023	
HORIZON-HLTH-2024-DISEASE-03-08-two-stage	Comparative effectiveness research for healthcare interventions in areas of high public health need	RIA	45	6-7	19/09/2023	11/04/2024
HORIZON-HLTH-2024-DISEASE-03-11-two-stage	Pandemic preparedness and response: Adaptive platform trials for pandemic preparedness	RIA	30	8-1	19/09/2023	11/04/2024
HORIZON-HLTH-2024-DISEASE-03-13-two-stage	Validation of fluid-derived biomarkers for the prediction and prevention of brain disorders	RIA	2	6-8	19/09/2023	11/04/2024
HORIZON-HLTH-2024-DISEASE-03-14-two-stage	Tackling high-burden for patients, under-researched medical conditions	RIA	25	6-7	19/09/2023	11/04/2024
HORIZON-HLTH-2024-DISEASE-08-12	Pandemic preparedness and response: Maintaining the European partnership for pandemic preparedness	CSA	2	2	11/04/2024	
HORIZON-HLTH-2024-DISEASE-08-20	Pandemic preparedness and response: Host-pathogen interactions of infectious diseases with epidemic potential	RIA	50	7-8	11/04/2024	
HORIZON-HLTH-2024-DISEASE-09-01	European Partnership: One Health Anti-Microbial Resistance	CO-FUND	100	100	25/09/2024	
Destination 4. Ensuring access to innovative, sustainable and high-quality health care						
HORIZON-HLTH-2023-CARE-04-01	Maintaining access to regular health and care services in case of cross-border emergencies	RIA	20	4-6	13/04/2023	
HORIZON-HLTH-2023-CARE-04-02	Resilience and mental wellbeing of the health and care workforce	RIA	20	4-6	13/04/2023	
HORIZON-HLTH-2023-CARE-04-03	Environmentally sustainable and climate neutral health and care systems	RIA	20	4-6	13/04/2023	
HORIZON-HLTH-2023-CARE-08-01	European Partnership on Personalised Medicine	CO-FUND	100	100	13/04/2023	
HORIZON-HLTH-2024-CARE-04-04-two-stage	Access to health and care services for people in vulnerable situations	RIA	30	4-6	19/09/2023	11/04/2024



Cluster 1: Health

Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
Destination 5. Unlocking the full potential of new tools, technologies and digital solutions for a healthy society						
HORIZON-HLTH-2023-TOOL-05-01	Clinical trials of combined Advanced Therapy Medicinal Products (ATMPs)	RIA	50	8-10	13/04/2023	
HORIZON-HLTH-2023-TOOL-05-03	Integrated, multi-scale computational models of patient patho-physiology ('virtual twins') for personalised disease management	RIA	50	8-10	13/04/2023	
HORIZON-HLTH-2023-TOOL-05-04	Better integration and use of health-related real-world and research data, including genomics, for improved clinical outcomes	RIA	35	8-10	13/04/2023	
HORIZON-HLTH-2023-TOOL-05-05	Harnessing the potential of real-time data analysis and secure Point-of-Care computing for the benefit of person-centred health and care delivery	IA	35	8-10	13/04/2023	
HORIZON-HLTH-2023-TOOL-05-08	Pandemic preparedness and response: In vitro diagnostic devices to tackle cross-border health threats	IA	40	5-7	13/04/2023	
HORIZON-HLTH-2023-TOOL-05-09	Developing a Data Quality and Utility Label for the European Health Data Space	CSA	4	4	13/04/2023	
HORIZON-HLTH-2024-TOOL-05-06-two-stage	Innovative non-animal human-based tools and strategies for biomedical research	RIA	25	4-8	19/09/2023	11/04/2024
HORIZON-HLTH-2024-TOOL-11-02	Bio-printing of living cells for regenerative medicine	RIA	25	6-8	11/04/2024	
Destination 6. Maintaining an innovative, sustainable and globally competitive health industry						
HORIZON-HLTH-2023-IND-06-01	Supporting the uptake of innovative Health Technology Assessment (HTA) methodology and advancing HTA expertise across EU	CSA	5	5	13/04/2023	
HORIZON-HLTH-2023-IND-06-02	Expanding the European Electronic Health Record exchange Format to improve interoperability within the European Health Data Space	RIA	8	3-5	13/04/2023	
HORIZON-HLTH-2023-IND-06-04	Modelling and simulation to address regulatory needs in the development of orphan and paediatric medicines	RIA	25	4-6	13/04/2023	
HORIZON-HLTH-2023-IND-06-05	Mapping the hurdles for the clinical applications of Advanced Therapy Medicinal Products (ATMPs)	CSA	3	3	13/04/2023	
HORIZON-HLTH-2023-IND-06-07	Development and harmonisation of methodologies for assessing digital health technologies in Europe	RIA	15	7-8	13/04/2023	
HORIZON-HLTH-2024-IND-06-08	Developing EU methodological frameworks for clinical/performance evaluation and post-market clinical/performance follow-up of medical devices and in vitro diagnostic medical devices (IVDs)	RIA	10	8-10	11/04/2024	
HORIZON-HLTH-2024-IND-06-09	Gaining experience and confidence in New Approach Methodologies (NAM) for regulatory safety and efficacy testing – coordinated training and experience exchange for regulators	CSA	2	2	11/04/2024	



Cluster 1: Health

Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
Other Actions						
	Contribution to the Coalition for Epidemics Preparedness Initiative (CEPI) - vaccine development for priority diseases	CO_FUND	35		Q4 2023	
	Presidency event - Sweden. Life sciences: The era of precision medicine	CSA	0,30		Q1 2023	
	Presidency event - Spain. Genomics-based health strategies: towards personalised and precision medicine	CSA	0,30		Q2 2023	
	Presidency event - Belgium. R&I policies for Better Health, Wellbeing and Prosperity	CSA	0,30		Q4 2023	
	Presidency event - Hungary. Hungarian priorities in Health research	CSA	0,30		Q2 2024	
Other instruments						
	External expertise		4			
	Mobilisation of research funds in case of Public Health Emergencies		2			
	Studies, conferences, events and outreach activities		12,78		2023-2024	
	Subscription to the Human Frontier Science Program Organization		12,6		2023-2024	



Missies Cluster 1: Health

Contact

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Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline
Mission Cancer					
HORIZON-MISS-2023-CANCER-01-01	Addressing poorly-understood tumour-host interactions to enhance immune system-centred treatment and care interventions in childhood, adolescent, adult and elderly cancer patients.	RIA	36,68	7-12	12/04/2023
HORIZON-MISS-2023-CANCER-01-02	Enhance primary cancer prevention through sustainable behavioural change	RIA	25	4-6	12/04/2023
HORIZON-MISS-2023-CANCER-01-03	Pragmatic clinical trials on minimally invasive diagnostics	RIA	43	6-8	12/04/2023
HORIZON-MISS-2023-CANCER-01-04	Establish best practices and tools to improve the quality of life for childhood cancer patients, survivors and their families in European regions	IA	6	6	12/04/2023



Partnerschappen Cluster 1: Health

Global health EDCTP₃ JU



Het partnerschap heeft tot doel nieuwe oplossingen te bieden om de last van infectieziekten in sub-Sahara Afrika te verminderen, en de onderzoekscapaciteit te versterken voor paraatheid en respons tegen opnieuw opduikende infectieziekten in Afrika en wereldwijd.

Doelstellingen in 2030

- licentie voor ten minste 2 nieuwe gezondheidstechnologieën die infectieziekten aanpakken
- ten minste 100 onderzoeksinstituten in 30 landen hebben ondersteund voor een effectieve en snelle onderzoeksrespons om diagnostiek, behandelingen en vaccins te ontwikkelen tegen opnieuw opduikende epidemieën

Start 2022

EU budget

Contributie: €800 miljoen
(Totaal budget GH EDCTP₃ JU is €1.6 miljard)

NL budget

ja

Meer info

Website EDCTP (europa.eu)

Contact

Gwendolynn Bos-Grootaers

Innovative Health Initiative Joint Undertaking (IHI JU)



Doel van deze partnerschap:

- helpen bij het creëren van een EU-breed ecosysteem voor gezondheidsonderzoek en -innovatie dat de vertaling van wetenschappelijke kennis in innovaties vergemakkelijkt
- de ontwikkeling bevorderen van veilige, effectieve, mensgerichte en kosteneffectieve innovaties die beantwoorden aan strategische on vervulde behoeften op het gebied van de volksgezondheid
- sector overschrijdende gezondheidsinnovatie stimuleren voor een wereldwijd concurrerende Europese gezondheidsindustrie.
- Het bestrijkt het gehele zorgcontinuüm, van preventie en diagnostiek tot behandeling en ziekte management. IHI is de opvolger van het Innovative Medicines Initiative (IMI), 's werelds grootste publiek-private samenwerking op het gebied van life sciences.

Start: 2022

EU budget

€1.2 miljard

NL budget

ja

Meer info

Website IHI
Naar de calls

Contact

Tonnie Rijkers



Partnerschappen Cluster 1: Health

European Partnership for the Assessment of Risk from Chemicals (PARC)

PARC is een medegefinancierd Horizon Europe-partnerschap met een totaal budget van 400 miljoen euro voor 7 jaar vanaf mei 2022. Het doel van het partnerschap is het opzetten van een EU-breed onderzoeks- en innovatieprogramma ter ondersteuning van de EU en de nationale autoriteiten voor risicobeoordeling/beheer van chemische stoffen en processen met nieuwe gegevens, kennis, methoden en vaardigheden om huidige, opkomende en nieuwe uitdagingen op het gebied van chemische veiligheid aan te pakken.

EU budget

400 miljoen

Meer info

[Website PARC](#)

Contact

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ERA4Health



Dit partnerschap biedt de mogelijkheid om de financiering van Europees transnationaal gezamenlijk onderzoek te vergroten door een financieringsorgaan op te richten voor gezamenlijke programmering op prioritaire gebieden die tegemoetkomen aan de Europese volksgezondheidsbehoeften.

Door middel van internationale gezamenlijke oproepen tot het indienen van voorstellen en optimaal gebruik te maken van interregionale en internationale samenwerking, wil ERA4Health invloedrijke bijdragen leveren, evenals een duurzaam financieringsmodel voor baanbrekend translationeel onderzoek in het gezondheidsdomein in heel Europa en daarbuiten.

ERA4Health richt zich op het aanpakken van ziekten en het verminderen van de ziektelast door de volgende uitdagingen aan te pakken:

- De toenemende vraag naar een betere kwaliteit van leven en betere zorg voor patiënten.
- De noodzaak om openbare gezondheidszorgstelsels om te vormen tot effectievere, efficiëntere, rechtvaardigere, toegankelijke en veerkrachtiger systemen.
- De noodzaak om ziektepreventie en gezondheidsbevordering te versterken.

Meer info

[Website ERA4Health](#)

[Naar de calls](#)

Contact

horizon.health@rvo.nl

Partnerschappen Cluster 1: Health

European Partnership on Transforming Health and Care Systems (THCS)

Het partnerschap heeft tot doel bij te dragen aan de transitie naar duurzamere, veerkrachtigere, innovatievere en hoogwaardige mensgerichte gezondheids- en zorgstelsels. Het zal een kritische massa van Europese, nationale en regionale en internationale wetenschappelijke middelen bundelen om soortgelijke uitdagingen waarmee gezondheids- en zorgstelsels in Europa en daarbuiten worden geconfronteerd, efficiënter aan te pakken. Het partnerschap zal de uitwisseling van informatie en goede praktijken tussen landen vergemakkelijken, robuuste begeleiding en instrumenten bieden, institutionele belanghebbenden netwerken en regionale gezondheids- en zorgecosystemen betrekken.

Meer info

[Website ZonMW](#)

European Partnership for Personalised Medicine

Het partnerschap heeft tot doel onderzoek op het gebied van gepersonaliseerde geneeskunde tussen de EU, EU-landen en -regio's te coördineren en te bevorderen. De belangrijkste doelstellingen zullen zijn

- zorgen voor een snellere opname van onderzoeks- en innovatieresultaten in de klinische praktijk, de positie van Europa op het gebied van geavanceerde gezondheidszorg veiligstellen
- een verschuiving mogelijk maken van een 'one size fits all'-benadering naar het rekening houden met individuele verschillen en het beter benutten van de verzamelde gegevens om gezondheid, ziekte en de aanleg ervan te beheersen
- bijdragen aan duurzamere zorgstelsels en onafhankelijkheid in data-intensieve gezondheidszorg

De resultaten zullen zich vertalen in het leveren van betere preventie- en gezondheidszorgdiensten, verbeterde gezondheidsresultaten voor patiënten en burgers, en een grotere tevredenheid met gezondheidsstelsels.

Contact

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European Partnership on Rare Diseases

Het partnerschap coördineert nationale, lokale en Europese onderzoeks- en innovatieprogramma's, waarbij onderzoeksfinanciering wordt gecombineerd met de uitvoering van onderzoeksondersteunende activiteiten zoals opleiding, infrastructuur voor gegevenstoegang, gegevensstandaarden enz.

Het belangrijkste doel is om het leven van patiënten met zeldzame ziekten te verbeteren door diagnostiek en behandelingen voor zeldzame ziekten te ontwikkelen door middel van multidisciplinaire onderzoeks- en innovatieprogramma's met alle relevante belanghebbenden. Dit zal de impact en acceptatie van onderzoeksresultaten vergroten en de zichtbaarheid vergroten van het leiderschap van de EU op het gebied van onderzoek naar zeldzame ziekten.

Contact

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European Partnership for One Health/AMR Antimicrobial Resistance

Het partnerschap heeft tot doel activiteiten en financiering tussen landen en met de Commissie te coördineren en op elkaar af te stemmen. Het zal ook de nationale coherentie bevorderen tussen verschillende diensten en ministeries die verantwoordelijk zijn voor de verschillende aspecten van AMR (bv. menselijke gezondheid, landbouw, milieu, industrie, financiën). Het hoofddoel is bij te dragen aan de verwezenlijking van de doelstellingen van het Europese 'één gezondheid'-actieplan tegen AMR en het wereldwijde actieplan van de WHO inzake AMR

Contact

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Partnerschappen Cluster 1: Health

European Partnership on Pandemic Preparedness

De Covid-19-pandemie heeft aangetoond dat er behoefte is aan beter gecoördineerde EU-maatregelen om te reageren op noodsituaties op gezondheidsgebied. Dit partnerschap heeft tot doel de EU beter voorbereid te maken op het voorspellen, voorkomen en reageren op nieuwe besmettelijke gezondheidsbedreigingen door de financiering voor onderzoek en innovatie op EU-, nationaal (en regionaal) niveau beter te coördineren met het oog op gezamenlijk overeengekomen doelstellingen en een overeengekomen strategische onderzoeks- en innovatieagenda (SRIA). Het partnerschap zal bijdragen aan de opbouw van een coherente Europese Onderzoeksruimte (ERA), die de lidstaten en de Europese Commissie in staat zal stellen om snel en gezamenlijk onderzoek en innovatie op het gebied van paraatheid bij pandemieën te ondersteunen.

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Partnerschappen Cluster 1: Health

Topicnr	Topic naam	Projecttype	Budget totaal (M)	Deadline
Innovative Health Initiative Joint Undertaking (IHI JU)				
IHI Call 3 topic 1	Screening platform and biomarkers for prediction and prevention of diseases of unmet public health need		10	15/03/2023
IHI Call 3 topic 2	Patient generated evidence to improve outcomes, support decision making, and accelerate innovation		8-10	15/03/2023
IHI Call 3 topic 3	Combining hospital interventional approaches to improve patient outcomes and increase hospital efficiencies		8-10	15/03/2023
IHI Call 3 topic 4	Strengthening the European ecosystem for Advanced Therapy Medicinal Products (ATMPs) and other innovative therapeutic modalities for rare diseases		20-30	15/03/2023
IHI Call 3 topic 5	Digital health technologies for the prevention and personalised management of mental disorders and their long-term health consequences		8-10	15/03/2023
EU4Health				
CR-g-23-44-01	Support the implementation of the strategic agenda for medical ionising radiation applications (SAMIRA)	action grant		
CR-g-23-19.01	Mental health challenges for cancer patients and survivors	action grant	8	
CR-g-23-19.02	Mental health challenges for cancer patients and survivors – European Code for Mental Health	action grant	2	
HS-g-23-50.01	Safety and quality of new substances of human origin (breast milk)		400k	
HS-g-23-50.02	Safety and quality of new substances of human origin (faecal microbiota transplants)		400k	
HS-g-23-51	Facilitating organ paired exchange		600k	
DP-g-23-31-02	Support stakeholders on prevention of NCDs in the area of chronic respiratory diseases		1	
DP-g-23-32-02	Prevention of NCDs in the area of mental health including actions supporting vulnerable populations		1	
DP-g-23-33-02	Prevention of NCDs in the area of dementia and other neurological disorders		1	
CP-g-23-13	Support access to medical devices for cross border health treats (HERA)		1.75	



Cluster 2: Culture Creativity and Inclusive Society

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www.rvo.nl/subsidies-financiering/horizon-europe/cluster-2

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Pillar 2

Topicnr	Section	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline
DESTINATION: INNOVATIVE RESEARCH ON DEMOCRACY AND GOVERNANCE						
2023 Call - Standing up for democracy						
HORIZON-CL2-2023-DEMOCRACY-01-01		Detecting, analysing and countering foreign information manipulation and interference	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-DEMOCRACY-01-02		Developing a better understanding of information suppression by state authorities as an example of foreign information manipulation and interference	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-DEMOCRACY-01-03		New approaches for combatting corruption and other undue influences on political decision-making	RIA	12	5-6	14/03/2023
HORIZON-CL2-2023-DEMOCRACY-01-04		The emotional politics of democracies	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-DEMOCRACY-01-05		The climate imperative and its impact on democratic governance	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-DEMOCRACY-01-06		Democratic governance for times of disruptive changes to the social contract	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-DEMOCRACY-01-07		Intersectionality and equality in deliberative and participatory democratic spaces	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-DEMOCRACY-01-08		Political perspectives for the Eastern Neighbourhood and the Western Balkans	RIA	9	2-3	14/03/2023
2024 Call - Past, present and future democracies						
HORIZON-CL2-2024-DEMOCRACY-01-01		Protest politics and cultures of opposition in democracy	RIA	9	2-3	07/02/2024
HORIZON-CL2-2024-DEMOCRACY-01-02		Multilevel governance in times of digital and climate transitions	RIA	9	2-3	07/02/2024
HORIZON-CL2-2024-DEMOCRACY-01-03		What is the long-term impact of rule of law and other European values on socio-economic outcomes?	RIA	9	2-3	07/02/2024



Cluster 2: Culture Creativity and Inclusive Society

Topicnr	Section	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL2-2024-DEMOCRACY-01-04		The interrelation between social, cultural and political identities, as well as the sense of belonging, and democracies	RIA	9	2-3	07/02/2024
HORIZON-CL2-2024-DEMOCRACY-01-05		Gender-roles in extremist movements and their impact on democracy	RIA	9	2-3	07/02/2024
HORIZON-CL2-2024-DEMOCRACY-01-06		Computational Social Science approaches in research on democracy	RIA	9	2-3	07/02/2024
HORIZON-CL2-2024-DEMOCRACY-01-07		Digital democracy	RIA	9	2-3	07/02/2024
HORIZON-CL2-2024-DEMOCRACY-01-08		Culture, the arts and cultural spaces for democratic participation and political expression, online and offline	RIA	9	2-3	07/02/2024
HORIZON-CL2-2024-DEMOCRACY-01-09		The role and functioning of public administrations in democratic systems	RIA	9	2-3	07/02/2024
HORIZON-CL2-2024-DEMOCRACY-01-10		Political participation in multilingual spaces	RIA	6	2-3	07/02/2024
HORIZON-CL2-2024-DEMOCRACY-01-11		Future scenarios and young visions for European democracy 2040	RIA	4	3-4	07/02/2024
HORIZON-CL2-2024-DEMOCRACY-01-12		Testing and implementation of research results fostering democracy and governance	CSA	4	3-4	07/02/2024
DESTINATION: INNOVATIVE RESEARCH ON EUROPEAN CULTURAL HERITAGE AND CULTURAL AND CREATIVE INDUSTRIES - BUILDING OUR FUTURE FROM THE PAST						
2023 Call - Research and innovation on cultural heritage and CCLs - 2023						
	GREEN					
HORIZON-CL2-2023-HERITAGE-01-01		Advanced technologies for remote monitoring of heritage monuments and artefacts	RIA	12	3-4	14/03/2023
HORIZON-CL2-2023-HERITAGE-01-02		Cultural and creative industries for a sustainable climate transition	RIA	12	3-4	14/03/2023
	DIGITAL					
HORIZON-CL2-2023-HERITAGE-01-03		Re-visiting the digitisation of cultural heritage: What, how and why?	RIA	12	3-4	14/03/2023
	INNOVATIVE					
HORIZON-CL2-2023-HERITAGE-01-04		Cultural heritage in transformation – facing change with confidence	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-HERITAGE-01-05		Fostering socio-economic development and job creation in rural and remote areas through cultural tourism	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-HERITAGE-01-06		A world leading European video game innovation system	RIA	12	3-4	14/03/2023
HORIZON-CL2-2023-HERITAGE-01-07		Promoting cultural literacy through arts education to foster social inclusion	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-HERITAGE-01-08		Cultural and creative approaches for gender-responsive STEAM education	CSA	3	2-3	14/03/2023



Cluster 2: Culture Creativity and Inclusive Society

Topicnr	Section	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline
2023 Call - A European Collaborative Cloud for Cultural Heritage (ECCCH) - 2023						
HORIZON-CL2-2023-HERITAGE-ECCCH-01-01		A European Collaborative Cloud for Cultural Heritage	IA	25	20-25	21/09/2023
HORIZON-CL2-2023-HERITAGE-ECCCH-01-02		A European Collaborative Cloud for Cultural Heritage – Innovative tools for digitising cultural heritage objects	RIA	10	4-5	21/09/2023
2024 Call - Research and innovation on cultural heritage and CCLs - 2024						
	GREEN					
HORIZON-CL2-2024-HERITAGE-01-01		New European Bauhaus – Innovative solutions for greener and fairer ways of life through arts and culture, architecture and design for all	IA	16	3-5	07/02/2024
HORIZON-CL2-2024-HERITAGE-01-02		Cultural and creative industries for a sustainable climate transition	IA	13	3-4	07/02/2024
	DIGITAL					
HORIZON-CL2-2024-HERITAGE-01-03		Leverage the digital transition for competitive European cultural and creative industries	IA	13	3-4	07/02/2024
	INNOVATIVE					
HORIZON-CL2-2024-HERITAGE-01-04		Europe's cultural heritage and arts – promoting our values at home and abroad	IA	13	3-4	07/02/2024
HORIZON-CL2-2024-HERITAGE-01-05		Strategies to strengthen the European linguistic capital in a globalised world	RIA	10	2-3	07/02/2024
DESTINATION: INNOVATIVE RESEARCH on SOCIAL and ECONOMIC TRANSFORMATIONS						
2023 Call - Inclusiveness in times of change						
HORIZON-CL2-2023-TRANSFORMATIONS-01-01		Remote working arrangements and their economic, social and spatial effects	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-TRANSFORMATIONS-01-02		Towards sustainable economic policy paradigms	CSA	4	2-3	14/03/2023
HORIZON-CL2-2023-TRANSFORMATIONS-01-03		Global Shortages and Skill Partnerships	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-TRANSFORMATIONS-01-04		Bridging the migration research to policy gap	CSA	4	2-3	14/03/2023
HORIZON-CL2-2023-TRANSFORMATIONS-01-05		Efficiency and effectiveness of investment in high-quality education and training	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-TRANSFORMATIONS-01-06		Mapping of longitudinal data and assessment of inequalities in education, training and learning achievements	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-TRANSFORMATIONS-01-07		Tackling European skills and labour shortages	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-TRANSFORMATIONS-01-08		Integrated care solutions leading to better quality, person-centred long-term care and overcoming territorial inequalities in their provision	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-TRANSFORMATIONS-01-09		Addressing housing inequalities in a sustainable, inclusive and affordable way	RIA	9	2-3	14/03/2023
HORIZON-CL2-2023-TRANSFORMATIONS-01-10		Tackling inequalities in the green and digital transitions	RIA	9	2-3	14/03/2023



Cluster 2: Culture Creativity and Inclusive Society

Topicnr	Section	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline
2024 Call - A sustainable future for Europe						
HORIZON-CL2-2024-TRANSFORMATIONS-01-01		Policy recommendations from socio-economic impacts of loneliness in Europe	CSA	3	around 3	07/02/2024
HORIZON-CL2-2024-TRANSFORMATIONS-01-02		Strengthen economic fairness and resilience of active labour market policies and address high unemployment	RIA	10	2-3	07/02/2024
HORIZON-CL2-2024-TRANSFORMATIONS-01-03		Minimise costs and maximise benefits of job creation and job destruction	RIA	10	2-3	07/02/2024
HORIZON-CL2-2024-TRANSFORMATIONS-01-04		Social services: economic and social returns and value added	RIA	10	2-3	07/02/2024
HORIZON-CL2-2024-TRANSFORMATIONS-01-05		Social dialogue in the new world of work	RIA	10	2-3	07/02/2024
HORIZON-CL2-2024-TRANSFORMATIONS-01-06		Beyond the horizon: A human-friendly deployment of artificial intelligence and related technologies	RIA	10	2-3	07/02/2024
HORIZON-CL2-2024-TRANSFORMATIONS-01-07		Methodologies for teamworking of researchers – reinforcing transversal collaborative skills, behavioural and implementation sciences	CSA	3	around 3	07/02/2024
HORIZON-CL2-2024-TRANSFORMATIONS-01-08		Arts and cultural awareness and expression in education and training	RIA	10	2-3	07/02/2024
HORIZON-CL2-2024-TRANSFORMATIONS-01-09		The role of social economy in addressing social exclusion, providing quality jobs and greater sustainability	RIA	10	2-3	07/02/2024
HORIZON-CL2-2024-TRANSFORMATIONS-01-10		Effective education and labour market transitions of young people	RIA	10	2-3	07/02/2024
HORIZON-CL2-2024-TRANSFORMATIONS-01-11		Assessing and strengthening the complementarity between new technologies and human skills	RIA	10	2-3	07/02/2024



Cluster 3: Civil Security for Society

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Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL3-2023-Fighting Crime and Terrorism-01-01	Modern information analysis for fighting crime and terrorism	Processing of large, complex and unstructured datasets resulting from criminal investigations, while reconciling big data analysis and data protection	IA	n.v.t.	TRL 7-8	7	7	23/11/2023
HORIZON-CL3-2023-Fighting Crime and Terrorism-01-02	Improved forensics and lawful evidence collection	A harmonized European forensics approach on drugs analysis	IA	n.v.t.	TRL 6-7	9	4.5	23/11/2023
HORIZON-CL3-2023-Fighting Crime and Terrorism-01-03	Enhanced prevention, detection and deterrence of societal issues related to various forms of crime	New methods and technologies in service of community policing and transferable best practices	RIA	n.v.t.	TRL 6-7	4	4	23/11/2023
HORIZON-CL3-2023-Fighting Crime and Terrorism-01-04	Increased security of citizens against terrorism, including in public spaces	Open topic	RIA	n.v.t.	TRL 5-7	4	4	23/11/2023
HORIZON-CL3-2023-Fighting Crime and Terrorism-01-05	Organised crime prevented and combated	Crime as a service	RIA	n.v.t.	TRL 5-6	4	4	23/11/2023
HORIZON-CL3-2023-Fighting Crime and Terrorism-01-06	Citizens are protected against cybercrime	Enhancing tools and capabilities to fight advanced forms of cyber threats and cyber-dependent crimes	RIA	n.v.t.	TRL 5-6	8	4	23/11/2023
HORIZON-CL3-2024-Fighting Crime and Terrorism-01-01	Modern information analysis for fighting crime and terrorism	Mitigating new threats and adapting investigation strategies in the era of Internet of Things	RIA	n.v.t.	TRL 5-6	5	5	20/11/2024
HORIZON-CL3-2024-Fighting Crime and Terrorism-01-02	Improved forensics and lawful evidence collection	Open topic	RIA	n.v.t.	TRL 5-6	9	4.5	20/11/2024
HORIZON-CL3-2024-Fighting Crime and Terrorism-01-03	Improved forensics and lawful evidence collection	Lawful evidence collection in online child sexual abuse investigations, including undercover	RIA	n.v.t.	TRL 5-6	3.7	3.7	20/11/2024



Cluster 3: Civil Security for Society

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL3-2024-Fighting Crime and Terrorism-01-04	Enhanced prevention, detection and deterrence of societal issues related to various forms of crime	Radicalisation and gender	RIA	n.v.t.	TRL 5-6	3	3	20/11/2024
HORIZON-CL3-2024-Fighting Crime and Terrorism-01-05	Enhanced prevention, detection and deterrence of societal issues related to various forms of crime	Combating hate speech on the internet and beyond	IA	n.v.t.	TRL 6-7	3	3	20/11/2024
HORIZON-CL3-2024-Fighting Crime and Terrorism-01-06	Enhanced prevention, detection and deterrence of societal issues related to various forms of crime	Open topic	RIA	n.v.t.	TRL 5-6	6	3	20/11/2024
HORIZON-CL3-2024-Fighting Crime and Terrorism-01-07	Increased security of citizens against terrorism, including in public spaces	CBRN-E detection capacities in small architecture	IA	n.v.t.	TRL 6-8	6	6	20/11/2024
HORIZON-CL3-2024-Fighting Crime and Terrorism-01-08	Citizens are protected against cybercrime	Tracing of cryptocurrencies transactions related to criminal purposes	IA	n.v.t.	TRL 6-7	6	6	20/11/2024
HORIZON-CL3-2023-Effective management of EU external borders-01-01	Efficient border surveillance and maritime security	Capabilities for border surveillance and situational awareness	IA			8	4	23/11/2023
HORIZON-CL3-2023-Effective management of EU external borders-01-02	Efficient border surveillance and maritime security	Identify, inspect, neutralise Unexploded Ordnance (UXO) at sea	RIA			4	4	23/11/2023
HORIZON-CL3-2023-Effective management of EU external borders-01-03	Secured and facilitated crossing of external borders	Beyond the state-of-the-art "biometrics on the move" for border checks	RIA			6	3	23/11/2023
HORIZON-CL3-2023-Effective management of EU external borders-01-04	Better customs and supply chain security	Interoperability of systems and equipment at tactical level; between equipment and databases; and/or between databases of threats and materials	IA			6	6	23/11/2023
HORIZON-CL3-2024-Effective management of EU external borders-01-01	OPEN TOPIC	OPEN TOPIC	RIA	n.v.t.	TRL 4-6	6	3	20/11/2024
HORIZON-CL3-2024-Effective management of EU external borders-01-02	Efficient border surveillance and maritime security	Interoperability for border and maritime surveillance and situational awareness	IA			6	6	20/11/2024



Cluster 3: Civil Security for Society

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL3-2024-Effective management of EU external borders-01-03	Secured and facilitated crossing of external borders	Advanced user-friendly, compatible, secure identity and travel document management	IA			6	6	20/11/2024
HORIZON-CL3-2024-Effective management of EU external borders-01-04	Secured and facilitated crossing of external borders	Integrated risk-based border control that mitigates public security risk, reduces false positives and strengthens privacy	IA			5	5	20/11/2024
HORIZON-CL3-2024-Effective management of EU external borders-01-05	Better customs and supply chain security	Detection and tracking of illegal and trafficked goods	RIA			6	3	20/11/2024
HORIZON-CL3-2023-Resilient Infrastructure-01-01	Improved preparedness and response for large-scale disruptions of European infrastructures	Facilitating strategic cooperation to ensure the provision of essential services	IA	n.v.t.	TRL 6-8	5	5	23/11/2023
HORIZON-CL3-2023-Resilient Infrastructure-01-02	Improved preparedness and response for large-scale disruptions of European infrastructures	Supporting operators against cyber and non-cyber threats to reinforce the resilience of critical infrastructures	IA	n.v.t.	TRL 6-8	9.5	4.75	23/11/2023
HORIZON-CL3-2024-Resilient Infrastructure-01-01	Improved preparedness and response for large-scale disruptions of European infrastructures	Open topic	IA	n.v.t.	TRL 6-8	5	5	20/11/2024
HORIZON-CL3-2024-Resilient Infrastructure-01-02	Resilient and secure urban areas and smart cities	Resilient and secure urban planning and new tools for EU territorial entities	IA	n.v.t.	TRL 6-8	6	6	20/11/2024
HORIZON-CL3-2024-Resilient Infrastructure-01-03	Resilient and secure urban areas and smart cities	Advanced real-time data analysis used for infrastructure resilience	RIA	n.v.t.	TRL 5-6	5	5	20/11/2024
HORIZON-CL3-2023-Increased Cybersecurity-01-01	Systems Security and Security Lifetime Management, Secure Platforms, Digital Infrastructures	Secure Computing Continuum (IoT, Edge, Cloud, Dataspaces)	IA	n.v.t.		28	4-6	23/11/2023
HORIZON-CL3-2023-Increased Cybersecurity-01-02	Privacy-preserving and identity technologies	Privacy-preserving and identity management technologies	IA	n.v.t.		15.7	2-4	23/11/2023
HORIZON-CL3-2023-Increased Cybersecurity-01-03	Secured disruptive technologies	Security of robust AI systems	RIA	n.v.t.		15	4-6	23/11/2023
HORIZON-CL3-2024-Increased Cybersecurity-01-01	Systems Security and Security Lifetime Management, Secure Platforms, Digital Infrastructures	Approaches and tools for security in software and hardware development and assessment	IA	n.v.t.		37	4-6	20/11/2024



Cluster 3: Civil Security for Society

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL3-2024-Increased Cybersecurity-01-02	Cryptography	Post-quantum cryptography transition	RIA	n.v.t.		23.4	4-6	20/11/2024
HORIZON-CL3-2023-Disaster-Resilient Society for Europe-01-01	Societal Resilience: Increased risk Awareness and preparedness of citizens	Improving social and societal preparedness for disaster response and health emergencies	RIA	n.v.t.		8	4	23/11/2023
HORIZON-CL3-2023-Disaster-Resilient Society for Europe-01-02	Improved Disaster Risk Management and Governance	Design of crisis prevention and preparedness actions in case of digital breakdown (internet, electricity etc.)	RIA	n.v.t.		4	4	23/11/2023
HORIZON-CL3-2023-Disaster-Resilient Society for Europe-01-03	Improved harmonisation and/or standardisation in the area of crisis management and CBRN-E	Operability and standardisation in response to biological toxin incidents	RIA	n.v.t.		6	6	23/11/2023
HORIZON-CL3-2023-Disaster-Resilient Society for Europe-01-04	Improved harmonisation and/or standardisation in the area of crisis management and CBRN-E	Internationally coordinated networking of training centres for the validation and testing of CBRN-E tools and technologies in case of incidents, with consideration of human factors	IA	n.v.t.		4	4	23/11/2023
HORIZON-CL3-2023-Disaster-Resilient Society for Europe-01-05	Strengthened capacities of first and second responders	Robotics: Autonomous or semi-autonomous UGV systems to supplement skills for use in hazardous environments	RIA	n.v.t.	TRL 6-8	8	4	23/11/2023
HORIZON-CL3-2023-Disaster-Resilient Society for Europe-01-06	Strengthened capacities of first and second responders	Increased technology solutions, institutional coordination and decision-support systems for first responders of last-kilometer emergency service delivery	RIA	n.v.t.		3.5	3.5	23/11/2023
HORIZON-CL3-2024-Disaster-Resilient Society for Europe-01-01	Improved Disaster Risk Management and Governance	Prevention, detection, response and mitigation of chemical, biological and radiological threats to agricultural production, feed and food processing, distribution and consumption	RIA	n.v.t.		8	4	20/11/2024
HORIZON-CL3-2024-Disaster-Resilient Society for Europe-01-02	Improved Disaster Risk Management and Governance	Open topic	RIA	n.v.t.		6	3	20/11/2024
HORIZON-CL3-2024-Disaster-Resilient Society for Europe-01-03	Improved harmonisation and/or standardisation in the area of crisis management and CBRN-E	Harmonised / Standard protocols for the implementation of alert and impact forecasting systems as well as transnational emergency management in the areas of high-impact weather / climatic and geological disasters	IA	n.v.t.		6	3	20/11/2024



Cluster 3: Civil Security for Society

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL3-2024-Disaster-Resilient Society for Europe-01-04	Strengthened capacities of first and second responders	Hi-tech capacities for crisis response and recovery after a natural-technological (NaTech) disaster	RIA	n.v.t.	TRL 6-8	4	4	20/11/2024
HORIZON-CL3-2024-Disaster-Resilient Society for Europe-01-05	Strengthened capacities of first and second responders	Cost-effective sustainable technologies and crisis management strategies for RN large-scale protection of population and infrastructures after a nuclear blast or nuclear facility incident	RIA	n.v.t.	TRL 6-8	6	6	20/11/2024
HORIZON-CL3-2023-Strengthened Security Research and Innovation-01-01	Increased innovation uptake	Open grounds for pre-commercial procurement of innovative security technologies	CSA	n.v.t.		2	1	23/11/2023
HORIZON-CL3-2023-Strengthened Security Research and Innovation-01-02	Increased innovation uptake	Accelerating uptake through open proposals for advanced SME innovation	IA	n.v.t.	TRL 6-8	4.5	1.5	23/11/2023
HORIZON-CL3-2024-Strengthened Security Research and Innovation-01-01	Increased innovation uptake	Demand-led innovation through public procurement	PCP	n.v.t.	TRL 6-8	10.5	5.25	20/11/2024
HORIZON-CL3-2024-Strengthened Security Research and Innovation-01-02	Increased innovation uptake	Accelerating uptake through open proposals for advanced SME innovation	IA	n.v.t.	TRL 6-7	6	1.5	20/11/2024



Cluster 4: Digital - Industry - Space

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Pillar 2

Topicnr	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
Section: World leading data and computing technologies							
HORIZON-CL4-2023-DATA-01-02	Integration of data life cycle, architectures and standards for complex data cycles and/or human factors, language	RIA	2-3	4-5	45	9	29/03/2023
HORIZON-CL4-2023-DATA-01-04	Cognitive Computing Continuum: Intelligence and automation for more efficient data processing	RIA	2	5	28	4-6	29/03/2023
HORIZON-CL4-2023-DATA-01-06	Coordination and Support of Cognitive Computing Continuum research and policy	CSA			2	2	29/03/2023
HORIZON-CL4-2023-DATA-01-07	Collaboration with NSF on fundamental research on new concepts for distributed computing and swarm intelligence	CSA			1	1	19/03/2024
HORIZON-CL4-2024-DATA-01-01	AI-driven data operations and compliance technologies	IA	4-5	6-7	38	8-10	19/03/2024
HORIZON-CL4-2024-DATA-01-03	Piloting emerging Smart IoT Platforms and decentralized intelligence	IA	3-4	6-7	45	20-25	19/03/2024
HORIZON-CL4-2024-DATA-01-05	Platform Building, standardisation and Up-scaling of the 'Cloud-Edge-IoT' Solutions	CSA			2	2	19/03/2024
Section: Digital and emerging technologies for competitiveness and fit for the Green Deal							
HORIZON-CL4-2023-DIGITAL-EMERGING-01-01	Novel paradigms and approaches, towards AI-driven autonomous robots	RIA	2-3	4-5	30	8	29/03/2023
HORIZON-CL4-2023-DIGITAL-EMERGING-01-12	Adaptive multi-scale modelling and characterisation suites from lab to production	RIA	3	5	22	5-7	29/03/2023
HORIZON-CL4-2023-DIGITAL-EMERGING-01-51	Pervasive photonics - multi-technology integration for digital infrastructure, sensors and internet of things	RIA	2	5	18	3-5	29/03/2023
HORIZON-CL4-2023-DIGITAL-EMERGING-01-53	Versatile light sources and systems as tools for manufacturing and medical application	RIA	2	5	18	3-5	29/03/2023



Cluster 4: Digital - Industry - Space

Topicnr	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL4-2023-DIGITAL-EMERGING-01-57	Advanced imaging and sensing technologies	IA	3	6-7	20	5-7	29/03/2023
HORIZON-CL4-2023-DIGITAL-EMERGING-01-02	Industrial leadership in AI, Data and Robotics – advanced human robot interaction	IA	3-5	6-7	30	10	29/03/2023
HORIZON-CL4-2023-DIGITAL-EMERGING-01-11	Low TRL research in micro-electronics and integration technologies for industrial solutions	RIA	1-2	3-4	35	3-4	29/03/2023
HORIZON-CL4-2023-DIGITAL-EMERGING-01-32	Sustainable safe-by-design 2D materials technology	RIA	2-3	4-5	6	3-5	29/03/2023
HORIZON-CL4-2023-DIGITAL-EMERGING-01-33	2D materials of tomorrow	RIA	2	4	12	3-4	29/03/2023
HORIZON-CL4-2023-DIGITAL-EMERGING-01-40	Quantum Photonic Integrated Circuit technologies	RIA	2-3	4-5	12	4-6	29/03/2023
HORIZON-CL4-2023-DIGITAL-EMERGING-01-41	Investing in alternative quantum computation and simulation platform technologies	RIA	3-4	5-6	20	7-12	29/03/2023
HORIZON-CL4-2023-DIGITAL-EMERGING-01-43	Framework Partnership Agreement for developing large-scale quantum Computing platform technologies	FPA	4-5	6-7			29/03/2023
HORIZON-CL4-2023-DIGITAL-EMERGING-01-50	Next generation quantum sensing and metrology technologies	RIA	2-3	4-5	10	2-3	29/03/2023
HORIZON-CL4-2023-DIGITAL-EMERGING-01-56	Photonic Strategies and Skills Development	CSA			4	1-3	29/03/2023
HORIZON-CL4-2024-DIGITAL-EMERGING-01-03	Novel paradigms and approaches, towards AI-powered robots– step change in functionality	RIA	2-3	4-5	30	8	19/03/2024
HORIZON-CL4-2024-DIGITAL-EMERGING-01-04	Industrial leadership in AI, Data and Robotics boosting competitiveness and the green transition	IA	3-5	6-7	60	10	19/03/2024
HORIZON-CL4-2024-DIGITAL-EMERGING-01-22	Fundamentals of Software Engineering	RIA	2	5	13.5	4-6	19/03/2024
HORIZON-CL4-2024-DIGITAL-EMERGING-01-54	Smart photonics for joint communication & sensing and access everywhere	RIA	2	5	18	3-5	19/03/2024
HORIZON-CL4-2024-DIGITAL-EMERGING-01-55	Photonics Innovation Factory for Europe	IA	2-5	4-7	15	15	19/03/2024
HORIZON-CL4-2024-DIGITAL-EMERGING-01-21	Open Source for Cloud/Edge to support European Digital Autonomy	RIA	4	6	20	4-6	19/03/2024
HORIZON-CL4-2024-DIGITAL-EMERGING-01-23	Public recognition scheme for Open Source	CSA			2	2	19/03/2024
HORIZON-CL4-2024-DIGITAL-EMERGING-01-31	Pilot line(s) for 2D materials-based devices	RIA	3-4	5-6	33	33	19/03/2024
HORIZON-CL4-2024-DIGITAL-EMERGING-01-34	Synergy with national and regional initiatives in Europe	CSA			3	3	19/03/2024
HORIZON-CL4-2024-DIGITAL-EMERGING-01-42	Stimulating transnational research and development of next generation quantum technologies, including basic theories and components	RIA	1-4	6	15	15	19/03/2024
HORIZON-CL4-2024-DIGITAL-EMERGING-01-45	Quantum sensing and metrology for market uptake	IA	4-5	6-7	15	4-6	19/03/2024



Cluster 4: Digital - Industry - Space

Topicnr	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
Section: A human-centred and ethical development of digital and industrial technologies							
HORIZON-CL4-2023-HUMAN-01-31	Toolbox for efficient IP licensing for market uptake and societal value creation	CSA			2	2	29/03/2023
HORIZON-CL4-2023-HUMAN-01-32	Piloting communities of expert facilitators to improve industry-academia-public sector co-creation	CSA			2	2	29/03/2023
HORIZON-CL4-2023-HUMAN-01-33	Fostering knowledge valorisation through societal and cultural interactions	CSA			5	1	29/03/2023
HORIZON-CL4-2023-HUMAN-01-51	Pilots for an innovative human-centric industry	RIA			10	10	29/03/2023
HORIZON-CL4-2023-HUMAN-01-52	Drivers and success factors for progress towards Industry 5.0	RIA			4	4	29/03/2023
HORIZON-CL4-2023-HUMAN-01-53	Localised and Urban Manufacturing, supporting creativity and the New European Bauhaus	RIA	5	6	10	1.5-2.5	29/03/2023
HORIZON-CL4-2023-HUMAN-01-54	Green and digital skills and training needs for a just transition	CSA			2.5	0.5	29/03/2023
HORIZON-CL4-2023-HUMAN-01-62	Boosting industrial symbiosis by standardisation	CSA			2	2	29/03/2023
HORIZON-CL4-2023-HUMAN-01-63	Provide for a strong and sustainable pool of experts for European Standardisation: attract the students of university/HEI	CSA			3	2.5-3	29/03/2023
HORIZON-CL4-2023-HUMAN-01-64	Pre-normative research and standardisation in industrial ecosystems	CSA			8	0.5-1	29/03/2023
HORIZON-CL4-2023-HUMAN-01-91	International Hub for Digital Partnerships in the Indo-Pacific	CSA			2.5	2.5	29/03/2023
HORIZON-CL4-2023-HUMAN-01-92	R&I cooperation with Sub-Saharan Africa	CSA			2	2	29/03/2023
HORIZON-CL4-2023-HUMAN-01-93	R&I cooperation with Latin America (Mexico, Brazil, Argentina, and other countries in the BELLA network or members of RedClara)	CSA			2	2	29/03/2023
HORIZON-CL4-2023-HUMAN-01-01	Efficient trustworthy AI - making the best of data	RIA	2-3	4-5	35	7-9	29/03/2023
HORIZON-CL4-2023-HUMAN-01-02	Large Scale pilots on trustworthy AI data and robotics addressing key societal challenges	IA	3-5	6-7	24	8	29/03/2023
HORIZON-CL4-2023-HUMAN-01-03	Natural Language Understanding and Interaction in Advanced Language Technologies	RIA	2	5	20	6-8	29/03/2023
HORIZON-CL4-2023-HUMAN-01-04	Open innovation: Addressing Grand challenges in AI	CSA	2-3	4-5	4	4	29/03/2023
HORIZON-CL4-2023-HUMAN-01-05	Through AI from Disinformation to Trust	IA	4-5	6-7	10	5	29/03/2023
HORIZON-CL4-2023-HUMAN-01-11	Next Generation Internet Fund	RIA			27	27	29/03/2023
HORIZON-CL4-2023-HUMAN-01-12	Pilots for the Next Generation Internet	IA			14	3-5	29/03/2023



Cluster 4: Digital - Industry - Space

Topicnr	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL4-2023-HUMAN-01-13	Next Generation Internet International Collaboration - USA	RIA			4	4	29/03/2023
HORIZON-CL4-2023-HUMAN-01-14	Next Generation Internet Commons Policy	CSA			2	2	29/03/2023
HORIZON-CL4-2023-HUMAN-01-21	Next Generation eXtended Reality	RIA	2	5	26	5-8	29/03/2023
HORIZON-CL4-2024-HUMAN-01-06	Explainable and Robust AI	RIA	2-3	4-5	30	9-10	19/03/2024
HORIZON-CL4-2024-HUMAN-01-07	Collaborative intelligence – combining the best of machine and human	RIA	2-3	4-5	20	5	19/03/2024
HORIZON-CL4-2024-HUMAN-01-34	Support for transnational activities of National Contact Points in the thematic areas of Digital, Industry and Space	CSA			5	1.5-5	19/03/2024
HORIZON-CL4-2024-HUMAN-01-61	Facilitate the engagement in global ICT standardisation development	CSA			6	6	19/03/2024



Partnerschappen Cluster 4: Digital

ADRA



Doel

Acceptatie en innovatie op de gebieden van AI, data en robotica.

Start 2021

EU Budget

Zie funding en tender portal (zoek op 'AI, Data and Robotics Partnership')

NL Budget

n.v.t.

Meer info

Website ADRA

Contact

Stijn Greben
Ruben Wassink
Okke Scholten

Photonics 21



Doel

Innovatie fotonica en de bijbehorende industrieën.

Start 2021

EU Budget

Zie funding portal (zoek op 'Photonics partnership')

NL Budget

n.v.t.

Meer info

Website Photonics 21

Contact

Stijn Greben
Ruben Wassink
Okke Scholten

Smart Networks Services JU



Doel

Aparte joint undertaking: Ontwikkeling en gebruik van 6G en 5G.

Start 2021

EU budget

Zie [werkprogramma](#)

NL Budget

Geen

Meer info

Website Smart Networks

Contact

Stijn Greben
Ruben Wassink
Okke Scholten

EuroHPC JU



Doel

Aparte joint undertaking: Ontwikkeling van Europees supercomputing-ecosysteem.

Start 2021

EU budget

€ 464.8M(2023)

Meer info

Website EuroHPC

Contact

Stijn Greben
Ruben Wassink



Partnerschappen Cluster 4: Digital

Key Digital Technologies JU



Doel

Aparte joint undertaking: Elektronische componenten en systemen.

Start 2021

EU budget

€317,7M (2023)

Meer info

[Website KDT JU](#)

Contact

Stijn Greben

Ruben Wassink



Cluster 4: Digital - Industry - Space

Contact

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www.rvo.nl/subsidies-financiering/horizon-europe/cluster-4

Ga direct naar de calls
op de website van de EC [↗](#)

Pillar 2

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	deadline	Deadline 2e stap
1: Climate neutral, Circular and Digitised Production									
Call - TWIN GREEN AND DIGITAL TRANSITION 2023 HORIZON-CL4-2023-Twin Transition-01									
HORIZON-CL4-2023-TWIN-TRANSITION-01-02	Manufacturing Industry	High-precision OR complex product manufacturing – potentially including the use of photonics (Made in Europe and Photonics Partnerships)	IA	5	7	48	5-6	20/04/2023	
HORIZON-CL4-2023-TWIN-TRANSITION-01-04		Factory-level and value chain approaches for remanufacturing (Made in Europe Partnership)	IA	5	7	37,6	5-7	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	3	6	32	4-6	20/04/2023	
HORIZON-CL4-2023-TWIN-TRANSITION-01-08		Foresight and technology transfer for Manufacturing as a Service (Made in Europe Partnership)	CSA	n.a.	n.a.	1	1	20/04/2023	
	Energy Intensive Process Industries								
HORIZON-CL4-2023-TWIN-TRANSITION-01-31		Energy efficiency breakthroughs in the process industries (Processes4Planet partnership)	RIA	4	6	32	8-10	20/04/2023	
HORIZON-CL4-2023-TWIN-TRANSITION-01-33		Electrification of high temperature heating systems (Processes4Planet Partnership)	IA	5	7	35,67	12	20/04/2023	



Cluster 4: Digital - Industry - Space

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	deadline	Deadline 2e stap
HORIZON-CL4-2023-TWIN-TRANSITION-01-36		Modelling industry transition to climate neutrality, sustainability and circularity (Processes4Planet partnership)	RIA	n.a.	n.a.	13	6-7	20/04/2023	
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	5	7	40	15-20	20/04/2023	
HORIZON-CL4-2023-TWIN-TRANSITION-01-40		Sustainable and efficient industrial water consumption through energy and solute recovery (Processes4Planet partnership)	RIA	4	6	30	10-12	20/04/2023	
HORIZON-CL4-2023-TWIN-TRANSITION-01-42		Circular economy in process industries Upcycling large volumes of secondary resources (Processes4Planet partnership)	RIA	4	6	30	10-12	20/04/2023	
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	5	6-7	23	4-6	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	4	5-6	12	3-6	20/04/2023	
Call - TWIN GREEN AND DIGITAL TRANSITION 2023 TWO STAGE									
	A New Way to Build, accelerating disruptive change in construction								
HORIZON-CL4-2023-TWIN-TRANSITION-01-11		Intelligent data acquisition and analysis of materials and products in existing built works	RIA	4	6	12	5-6	07/03/2023	05/10/2023



Cluster 4: Digital - Industry - Space

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	deadline	Deadline 2e stap
Call - TWIN GREEN AND DIGITAL TRANSITION 2024									
	Manufacturing Industry								
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	4	6	35	5-7	07/02/2024	
HORIZON-CL4-2024-TWIN-TRANSITION-01-05		Technologies/solutions to support circularity for manufacturing (Made in Europe Partnership)	RIA	4	6	36	4-6	07/02/2024	
	Energy Intensive Process Industries								
HORIZON-CL4-2024-TWIN-TRANSITION-01-32		Optimisation of thermal energy flows in the process industry (Processes4Planet partnership)	IA	5	7	30	10-15	07/02/2024	
HORIZON-CL4-2024-TWIN-TRANSITION-01-34		Renewable hydrogen used as feedstock in innovative production routes (Processes4Planet Partnership)	RIA	4	6	20	8-10	07/02/2024	
HORIZON-CL4-2024-TWIN-TRANSITION-01-35		Turning CO2 emissions from the process industry to feedstock (Processes4Planet partnership)	IA	5-6	7	30	10-15	07/02/2024	
HORIZON-CL4-2024-TWIN-TRANSITION-01-38		Hubs for circularity for industrialised urban peripheral areas (Processes4Planet partnership)	IA	5	7	40	15-20	07/02/2024	
HORIZON-CL4-2024-TWIN-TRANSITION-01-41		Breakthroughs to improve process industry resource efficiency (Processes4Planet partnership)	RIA	4	6	30	10-12	07/02/2024	
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	5	6-7	10	3-5	07/02/2024	



Cluster 4: Digital - Industry - Space

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	deadline	Deadline 2e stap
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	4	5-6	20	3-5	07/02/2024	
Call - TWIN GREEN AND DIGITAL TRANSITION 2024 TWO STAGE									
	Manufacturing Industry								
HORIZON-CL4-2024-TWIN-TRANSITION-01-01		Bio-intelligent manufacturing industries (Made in Europe Partnership)	RIA	4	6	25	4-5	07/02/2024	24/09/2024
	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	n.a.	6	12	5-6	07/02/2024	24/09/2024
2: Increased Autonomy in Key Strategic Value Chains for Resilient Industry									
Call - RESILIENT VALUE CHAINS 2023 TWO STAGE									
	Strategic innovation markets driven by advanced materials								
HORIZON-CL4-2023-RESILIENCE-01-32		Bioinspired and biomimetic materials for sustainable textiles	IA	4	6-7	31	6-8	07/03/2023	
HORIZON-CL4-2023-RESILIENCE-01-33		Smart sensors for the Electronic Appliances market	RIA	3-4	5-6	31	6-8	07/03/2023	
HORIZON-CL4-2023-RESILIENCE-01-34		Advanced (nano and bio-based) materials for sustainable agriculture	RIA	3-4	5-6	31	6-8	07/03/2023	
HORIZON-CL4-2023-RESILIENCE-01-37		Advanced materials for magnets in applications for the New Energies Market	RIA	3-4	5-6	31	6-8	07/03/2023	



Cluster 4: Digital - Industry - Space

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	deadline	Deadline 2e stap
Call - RESILIENT VALUE CHAINS 2023									
	Raw Materials for EU open 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	n.a.	3-5	25	5	20/04/2023	
HORIZON-CL4-2023-RESILIENCE-01-03		Technologies for processing and refining of critical raw materials	IA	6	7	22	7,3	20/04/2023	
HORIZON-CL4-2023-RESILIENCE-01-05		Recycling technologies for critical raw materials from EoL products	IA	6	7	28	7	20/04/2023	
HORIZON-CL4-2023-RESILIENCE-01-06		Earth Observation platform, products and services for raw materials	IA	6	7	20	6,7	20/04/2023	
HORIZON-CL4-2023-RESILIENCE-01-07		Expert network on Critical raw materials	CSA	n.a.	n.a.	3	3	20/04/2023	
HORIZON-CL4-2023-RESILIENCE-01-09		Recyclability and resource efficiency of Rare Earth based magnets	IA	6	7	20	6,7	20/04/2023	
	Safe and Sustainable by Design (SSbD) Chemicals and Materials								
HORIZON-CL4-2023-RESILIENCE-01-21		Innovative methods for safety and sustainability assessments of chemicals and materials	RIA	3	6	29	6-8	20/04/2023	
HORIZON-CL4-2023-RESILIENCE-01-22		Integrated approach for impact assessment of safe and sustainable chemicals and materials	RIA	n.a.	2-5	15	3-4	20/04/2023	
HORIZON-CL4-2023-RESILIENCE-01-23		Computational models for the development of safe and sustainable by design chemicals and materials	RIA	n.a.	3-6	29	6-7	20/04/2023	



Cluster 4: Digital - Industry - Space

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	deadline	Deadline 2e stap
	Strategic innovation markets driven by advanced materials								
HORIZON-CL4-2023-RESILIENCE-01-39		Coordination and knowledge sharing across materials development communities	CSA	n.a.	n.a.	2	2	20/04/2023	
	Improving the resilience of EU businesses, especially SMEs and Startups								
HORIZON-CL4-2023-RESILIENCE-01-42		Boosting generation and diffusion of advanced technologies in SMEs based on a supply chain model	CSA	n.a.	n.a.	10	2-3	20/04/2023	
HORIZON-CL4-2023-RESILIENCE-01-44		Affordable Housing District Demonstrator	IA	n.a.	n.a.	10	5	20/04/2023	
Call - RESILIENT VALUE CHAINS 2024 TWO STAGE									
	Strategic innovation markets driven by advanced materials								
HORIZON-CL4-2024-RESILIENCE-01-35		Biodegradable polymers for sustainable packaging materials	IA	4	6-7	31	6-8	07/02/2024	24/09/2024
HORIZON-CL4-2024-RESILIENCE-01-36		Advanced biomaterials for the Health Care	IA	3-4	5-6	31	6-8	07/02/2024	24/09/2024
	Improving the resilience of EU businesses, especially SMEs and Startups								



Cluster 4: Digital - Industry - Space

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	deadline	Deadline 2e stap
Call - RESILIENT VALUE CHAINS 2024									
	Raw Materials for EU open strategic autonomy and successful transition to a climate[1]neutral and circular economy								
HORIZON-CL4-2024-RESILIENCE-01-01		Exploration of critical raw materials in deep land deposits	RIA	n.a.	3-5	20	5	07/02/2024	
HORIZON-CL4-2024-RESILIENCE-01-04		Technologies for processing and refining of critical raw materials	IA	n.a.	6-7	22	7,3	07/02/2024	
HORIZON-CL4-2024-RESILIENCE-01-08		Rare Earth and magnets innovation hubs	IA	n.a.	6-7	32	16	07/02/2024	
HORIZON-CL4-2024-RESILIENCE-01-10		Addressing due diligence requirements in raw materials supply chains.	CSA	n.a.	n.a.	2,2	2,2	07/02/2024	
HORIZON-CL4-2024-RESILIENCE-01-11		Technologies for extraction and processing of critical raw materials	IA	n.a.	6-7	15	7,5	07/02/2024	
	Safe and Sustainable by Design (SSbD) Chemicals and Materials								
HORIZON-CL4-2024-RESILIENCE-01-24		Development of safe and sustainable by design alternatives	IA	4-5	6-7	59	12-15	07/02/2024	
	Improving the resilience of EU businesses, especially SMEs and Startups								
HORIZON-CL4-2024-RESILIENCE-01-41		'Innovate to transform' support for SME's sustainability transition	CSA	n.a.	n.a.	10	5	07/02/2024	



Partnerschappen Cluster 4: Industry

Processes4planet



Doel

Transformeren van de Europese procesindustrie: circulair en klimaat neutraal

Start 2021

EU Budget

Transition (zoek op 'processes 4 planet')

NL Budget

n.v.t.

Meer info

Website Processes4planet

Contact

Hans Bosch
Ahmet Polat
John Heynen

Clean Steel (CSP)



Doel

Transformeren van de Europese staalindustrie: CO2 reductie.

Start 2021

EU Budget

Zie funding portal cluster 4, Twin Transition (zoek op 'clean steel')

NL Budget

n.v.t.

Meer info

Website ESTEP - CSP

Contact

Hans Bosch
Ahmet Polat
John Heynen

Made in Europe



Doel

Transformeren van de Europese manufacturing industry: concurrerend, groen, digitaal, veerkrachtig en de mens centraal

Start 2021

EU budget

Zie funding portal cluster 4, Twin Transition (zoek op 'made in europe')

NL Budget

n.v.t.

Meer info

Website Made in Europe - State of Play | EFFRA

Contact

Hans Bosch
Ahmet Polat
John Heynen

Cluster 4: Digital - Industry - Space

Contact

Frank Winters

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www.rvo.nl/subsidies-financiering/horizon-europe/cluster-4

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Pillar 2

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	deadline
5: Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructures, Services, Applications and Data								
Call - STRATEGIC AUTONOMY IN DEVELOPING, DEPLOYING AND USING GLOBAL SPACE-BASED INFRASTRUCTURES, SERVICES, APPLICATIONS AND DATA 2023								
	Foster competitiveness of space systems							
HORIZON-CL4-2023-SPACE-01-11		End-to-end Earth observation systems and associated services	IA	n.a.	5-6	10,1	1-2,5	28/03/2023
HORIZON-CL4-2023-SPACE-01-12		Future Space Ecosystem and Enabling Technologies	RIA	n.a.	3-6	15	0,5-2,5	28/03/2023
	Reinforce EU capacity to access to space							
HORIZON-CL4-2023-SPACE-01-13		Future Space Ecosystem: Management and Coordination Activity	CSA	n.a.	n.a	2	2	28/03/2023
HORIZON-CL4-2023-SPACE-01-21		Low cost high thrust propulsion for European strategic space launchers	RIA	n.a.	7	20	20	28/03/2023
HORIZON-CL4-2023-SPACE-01-22		New space transportation solutions and services	RIA	n.a.	5-6	23,1	4-10	28/03/2023
HORIZON-CL4-2023-SPACE-01-23		Modern, flexible and efficient European test, production and launch facilities	RIA	n.a	5-7	10	2-5	28/03/2023
	Evolution of services: Copernicus							
HORIZON-CL4-2023-SPACE-01-31		Copernicus for Atmosphere and Climate Change, including CO2	RIA	n.a.	5-6	8,6	2-3	28/03/2023
HORIZON-CL4-2023-SPACE-01-32		Copernicus for Emergency Management	RIA	n.a.	6	3	3	28/03/2023



Cluster 4: Digital - Industry - Space

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	deadline
HORIZON-CL4-2023-SPACE-01-33		Copernicus in-situ component	RIA	n.a.	5-6	2	2	28/03/2023
HORIZON-CL4-2023-SPACE-01-34:		Copernicus for Marine Environment Monitoring	RIA	n.a.	5-6	5	5	28/03/2023
	Development of applications for Galileo, EGNOS and Copernicus, PRS and GOVSATCOM							
	Innovative space capabilities: SSA, GOVSATCOM, Quantum							
HORIZON-CL4-2023-SPACE-01-62		Quantum Communication Technologies for space systems	RIA	n.a.	5-6	5	2-2.5	28/03/2023
HORIZON-CL4-2023-SPACE-01-63		Quantum Space Gravimetry Phase-A Study	RIA	n.a.	3	3	1-1.5	28/03/2023
HORIZON-CL4-2023-SPACE-01-71		Scientific exploitation of space data	RIA	n.a.	3-4	10.7	1-1.5	28/03/2023
HORIZON-CL4-2023-SPACE-01-72		Space technologies for European non-dependence and competitiveness	RIA	n.a.	5-8	20	2-3	28/03/2023
Call - STRATEGIC AUTONOMY IN DEVELOPING, DEPLOYING AND USING GLOBAL SPACE-BASED INFRASTRUCTURES, SERVICES, APPLICATIONS AND DATA 2024								
	Evolution of services: Copernicus							
HORIZON-CL4-2024-SPACE-01-35		Copernicus for Land and Water	RIA	n.a.	5-6	4	1.5-2	20/02/2024
HORIZON-CL4-2024-SPACE-01-36		Copernicus for Security	RIA	n.a.	5-6	8	4	20/02/2024
	Development of applications for Galileo, EGNOS and Copernicus, PRS and GOVSATCOM							
	Innovative space capabilities: SSA, GOVSATCOM, Quantum							
HORIZON-CL4-2024-SPACE-01-64		Quantum Space Gravimetry Phase-B study & Technology Maturation	RIA	n.a.	6-7	14.2	14	20/02/2024
	Targeted and strategic actions supporting the EU space sector							
HORIZON-CL4-2024-SPACE-01-73		Space technologies for European non-dependence and competitiveness	RIA	n.a.	5-8	20.10	2-3	20/02/2024



Partnerschappen Cluster 4: Space

SPACE (Space Partnership Association for a Competitive Europe

Doel

Versterking EU concurrentievermogen in gebruik van de ruimte; commerciële telecom, aard observatie, toekomstige ruimte ecosystemen

Start 2023

EU Budget

Ca. EUR 150 mln., nog in onderhandelingsfase

NL Budget

n.v.t.

Meer info

Website nog niet beschikbaar, MoU nog niet getekend

Contact

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Frank Winters



Cluster 5: Climate - Energy - Mobility

Contact

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www.rvo.nl/subsidies-financiering/horizon-europe/cluster-5

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Pillar 2

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
Destination 1. Climate sciences and responses for the transformation towards climate neutrality						
Call - Climate sciences and responses HORIZON-CL5-2023-D1-01						
HORIZON-CL5-2023-D1-01-01	Further climate knowledge through advanced science and technologies for analysing Earth observation and Earth system model data	RIA		16	8	18/04/2023
HORIZON-CL5-2023-D1-01-02	Climate-related tipping points	RIA		14	7	18/04/2023
HORIZON-CL5-2023-D1-01-03	Climate impacts of a hydrogen economy	RIA		8	4	18/04/2023
HORIZON-CL5-2023-D1-01-04	Improved knowledge in cloud-aerosol interaction	RIA		16	8	18/04/2023
HORIZON-CL5-2023-D1-01-05	Science for successful, high-integrity voluntary climate initiatives	RIA		5,5	5,5	18/04/2023
HORIZON-CL5-2023-D1-01-06	Broadening the range of policy options in transition pathway analysis	RIA		10	5	18/04/2023
HORIZON-CL5-2023-D1-01-07	Modelling for local resilience - Developments in support of local adaptation assessments and plans	RIA		12	12	18/04/2023
HORIZON-CL5-2023-D1-01-08	Solar Radiation Modification: governance of research	CSA		3	3	18/04/2023
HORIZON-CL5-2023-D1-01-09	Behavioural change and governance for systemic transformations towards climate resilience	RIA		8	4	18/04/2023
HORIZON-CL5-2023-D1-01-10	Improving the evidence base regarding the impact of sustainability and climate change education and related learning outcomes	RIA		5	5	18/04/2023
HORIZON-CL5-2023-D1-01-11	Needs-based adaptation to climate change in Africa	RIA		10	5	18/04/2023



Cluster 5: Climate - Energy - Mobility

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
Call - Climate sciences and responses HORIZON-CL5-2023-D1-02						
HORIZON-CL5-2023-D1-02-01	EU-China international cooperation on data and model development for pathways to carbon neutrality: focusing on decarbonisation, energy efficiency and socio-economic implications of the transition	RIA	niet hoger dan TRL 4	5	2,5	18/04/2023
HORIZON-CL5-2023-D1-02-02	EU-China international cooperation on blue carbon	RIA	niet hoger dan TRL 4	5	5	18/04/2023
Call - Climate sciences and responses HORIZON-CL5-2024-D1-01						
HORIZON-CL5-2024-D1-01-01	Enhanced quantification and understanding of natural and anthropogenic methane emissions and sinks	RIA		15	15	05/03/2024
HORIZON-CL5-2024-D1-01-02	Inland ice, including snow cover, glaciers, ice sheets and permafrost, and their interaction with climate change	RIA		22	6-7,5	05/03/2024
HORIZON-CL5-2024-D1-01-03	Paleoclimate science for a better understanding of the short- to long-term evolution of the Earth system	RIA		15	15	05/03/2024
HORIZON-CL5-2024-D1-01-04	Improved toolbox for evaluating the climate and environmental impacts of trade policies	RIA		12	6	05/03/2024
HORIZON-CL5-2024-D1-01-05	Next generation low-emission, climate-resilient pathways and NDCs for a future aligned with the Paris Agreement	RIA		14	4,5	05/03/2024
HORIZON-CL5-2024-D1-01-06	The role of climate change foresight for primary and secondary raw materials supply	RIA		5	5	05/03/2024
HORIZON-CL5-2024-D1-01-07	Quantification of the role of key terrestrial ecosystems in the carbon cycle and related climate effects	RIA		20	10	05/03/2024
Destination 2 - Cross-sectoral solutions for the climate transition						
Call - Cross-sectoral solutions for the climate transition HORIZON-CL5-2023-D2-01						
HORIZON-CL5-2023-D2-01-01	Technologies for sustainable, cost-efficient and low carbon footprint downstream processing & production of battery-grade materials (Batt4EU Partnership)	RIA	5	21	7	18/04/2023
HORIZON-CL5-2023-D2-01-02	New processes for upcoming recycling feeds (Batt4EU Partnership)	RIA	4	15	5	18/04/2023
HORIZON-CL5-2023-D2-01-03	Advanced digital twins for battery cell production lines (Batt4EU Partnership)	RIA	4-5	14	7	18/04/2023



Cluster 5: Climate - Energy - Mobility

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL5-2023-D2-01-04	Battery management system (BMS) and battery system design for stationary energy storage systems (ESS) to improve interoperability and facilitate the integration of second life batteries (Batt4EU Partnership)	IA	6-7	15	7,5	18/04/2023
HORIZON-CL5-2023-D2-01-05	Hybrid electric energy storage solutions for grid support and charging infrastructure (Batt4EU Partnership)	IA	7	12	6	18/04/2023
HORIZON-CL5-2023-D2-01-06	Open Pilot Line/Test Bed for hydrogen	IA		10	10	18/04/2023
HORIZON-CL5-2023-D2-01-07	Support for the deployment of R&I results for climate mitigation. Synergies with the ETS Innovation Fund	CSA		4	1	18/04/2023
HORIZON-CL5-2023-D2-01-08	Driving Urban Transition Co-funded Partnership	Programme Co-fund Action		37	37 (20,7 in 2023 en 16,30 in 2024)	18/04/2023
Call - Cross-sectoral solutions for the climate transition HORIZON-CL5-2023-D2-02						
HORIZON-CL5-2023-D2-02-01	Advanced materials and cells development enabling large-scale production of Gen4 solid-state batteries for mobility applications (Batt4EU Partnership)	IA	6	24	8	05/09/2023
HORIZON-CL5-2023-D2-02-02	New Approaches to Develop Enhanced Safety Materials for Gen 3 Li-Ion Batteries for Mobility Applications (Batt4EU Partnership)	RIA	5	10	5	05/09/2023
HORIZON-CL5-2023-D2-02-03	Creating a digital passport to track battery materials, optimize battery performance and life, validate recycling, and promote a new business model based on data sharing (Batt4EU Partnership)	IA	7	8	8	05/09/2023
Call - Cross-sectoral solutions for the climate transition HORIZON-CL5-2024-D2-01						
HORIZON-CL5-2024-D2-01-01	Advanced sustainable and safe pre-processing technologies for End-of-Life (EoL) battery recycling (Batt4EU Partnership)	RIA	5	21	7	18/04/2024
HORIZON-CL5-2024-D2-01-02	Non-Li Sustainable Batteries with European Supply Chains for Stationary Storage (Batt4EU Partnership)	IA	6-7	21	7	18/04/2024
HORIZON-CL5-2024-D2-01-03	Development of technical and business solutions to optimise the circularity, resilience, and sustainability of the European battery value chain (Batt4EU Partnership)	RIA	5	5	5	18/04/2024
HORIZON-CL5-2024-D2-01-04	Emerging energy technologies for a climate neutral Europe	RIA	4	10	1,5-2,5	18/04/2024
Call - Cross-sectoral solutions for the climate transition HORIZON-CL5-2024-D2-02						
HORIZON-CL5-2024-D2-02-01	Sustainable high-throughput production processes for stable lithium metal anodes for next generation batteries (Batt4EU Partnership)	IA	6-7	8	8	05/09/2024



Cluster 5: Climate - Energy - Mobility

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL5-2024-D2-02-02	Post-Li-ion technologies and relevant manufacturing techniques for mobility applications (Generation 5) (Batt4EU Partnership)	RIA	4	15	5	05/09/2024
HORIZON-CL5-2024-D2-02-03	Size & weight reduction of cell and packaging of batteries system, integrating lightweight and functional materials, innovative thermal management and safe and sustainable by design approach (Batt4EU Partnership)	IA	6-7	16	8	05/09/2024
HORIZON-CL5-2024-D2-02-04	Accelerated multi-physical and virtual testing for battery aging, reliability and safety evaluation (Batt4EU Partnership)	IA	6	15	7,5	05/09/2024



Missies Cluster 5: Climate

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Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
Mission Adaptation to Climate Change						
HORIZON-MISS-2023-CLIMA-01-01	Testing and demonstrating transformative solutions increasing climate resilience of the agriculture and/or forestry sector	IA	6-8	30	8-10	20/09/2023
HORIZON-MISS-2023-CLIMA-01-02	Testing and demonstrating transformative solutions to protect critical infrastructure from climate change, mainstreaming nature based solutions	IA	6-8	34,81	8-11	20/09/2023
HORIZON-MISS-2023-CLIMA-01-03	Testing and demonstrating transformative solutions to build resilience towards health risks caused by the effects of climate change	IA	6-7	18	4,5-6	20/09/2023
Mission 100 Climate-Neutral and Smart Cities by 2030						
Call - Research and Innovation actions to support the implementation of the Climate-Neutral and Smart Cities Mission						
HORIZON-MISS-2023-CIT-01-01	Co-designed smart systems and services for user-centred shared zero-emission mobility of people and freight in urban areas (2Zero, CCAM and Cities' Mission)	IA	7	50	25	27/04/2023
HORIZON-MISS-2023-CIT-01-02	Positive clean energy district (PED) digital twins from modelling to creating climate neutral Cities	IA	6-8	20	6-7	27/04/2023
Call - Associating Ukrainian cities to the Climate-neutral and smart cities Mission						
HORIZON-MISS-2023-CIT-02-01	Associating Ukrainian cities to the Climate-neutral and smart cities Mission	CSA		5	5	06/09/2023



Missies Cluster 5: Climate

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
Other Actions not subject to calls for proposals						
1. Specific Grant Agreement to the FPA to reinforce the operations of the Mission Platform		Specific grant agreement awarded without call for proposals in relation to a Framework Partnership Agreement		40 from 2023 budget		Indicative timetable first quarter 2023
Joint Call between Mission 100 Climate Neutral and Smart Cities by 2030 and Mission Adaptation to Climate Change						
Call - Demonstration of climate mitigation and resilience solutions in support of the implementation of the Adaptation to Climate Change and Cities Mission						
HORIZON-MISS-2023-CLIMA-CITIES-01-01	Urban reening and re-naturing for urban regeneration, resilience and climate neutrality	IA		40	10-12	27/04/2023
Joint Call between Mission Restore our Ocean and Waters by 2030, Mission Adaptation to Climate Change and Mission A Soil Deal for Europe						
Call - Demonstration of climate mitigation and resilience solutions in support of the implementation of the Adaptation to Climate Change, Restore our Ocean and Waters by 2030 and A Soil Deal for Europe Missions						
HORIZON-MISS-2023-CLIMA-OCEAN-SOIL-01-01	Mission Climate Adaptation, Mission Ocean & waters and Mission Soil Deal for Europe Joint demonstration of an integrated approach to increasing landscape water retention capacity at regional scale	IA	6-7	15	15	20/09/2023



Cluster 5: Climate - Energy - Mobility

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Pillar 2

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
Destination: Sustainable, secure and competitive energy supply						
HORIZON-CL5-2023-D3-01-01	Renewable Energy Valleys to increase energy security while accelerating the green transition in Europe	IA	7-8	40	20	30/03/2023
HORIZON-CL5-2023-D3-01-02	PV integration in buildings and in infrastructure	IA	7	16	8	30/03/2023
HORIZON-CL5-2023-D3-01-03	Floating PV Systems	IA	6-7	14	7	30/03/2023
HORIZON-CL5-2023-D3-01-04	Solar Systems for Industrial Process Heat and Power	IA	6-7	14	7	30/03/2023
HORIZON-CL5-2023-D3-01-05	Critical technologies for the offshore wind farm of the Future	RIA	5	18	6	30/03/2023
HORIZON-CL5-2023-D3-01-06	Demonstration of advanced biofuel technologies for aviation and/or shipping	IA	6-7	18	9	30/03/2023
HORIZON-CL5-2023-D3-01-07	Demonstration of synthetic renewable fuel for aviation and/or shipping	IA	6-7	18	9	30/03/2023
HORIZON-CL5-2023-D3-01-08	Demonstration of sustainable tidal energy farms	IA	8	40	20	30/03/2023
HORIZON-CL5-2023-D3-01-09	Waste heat reutilisation from data centres	IA	7-8	12	6	30/03/2023
HORIZON-CL5-2023-D3-01-10	Supporting the development of a digital twin to improve management, operations and resilience of the EU Electricity System in support to REPowerEU	IA	6-7	20	20	30/03/2023
HORIZON-CL5-2023-D3-01-11	Demonstration of DC powered data centres, buildings, industries and ports	IA	6-8	18	9	30/03/2023
HORIZON-CL5-2023-D3-01-12	Development of MVDC, HVDC and High-Power Transmission systems and components for a resilient grid	IA	8	22	11	30/03/2023
HORIZON-CL5-2023-D3-01-13	Development of novel long-term electricity storage technologies	RIA	4-5	14	4-5	30/03/2023
HORIZON-CL5-2023-D3-01-14	Demonstration of innovative, large-scale, seasonal heat and/or cooling storage technologies for decarbonisation and security of supply	IA	7-8	30	10	30/03/2023
HORIZON-CL5-2023-D3-01-15	Supporting the green and digital transformation of the energy ecosystem and enhancing its resilience through the development and piloting of AI-IoT Edge-cloud and platform solutions	IA	7-8	18	18	30/03/2023



Cluster 5: Climate - Energy - Mobility

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL5-2023-D3-01-16	Support action to the SET Plan IWG on HVDC & DC Technologies	CSA	n.v.t.	0,6	0,6	30/03/2023
HORIZON-CL5-2023-D3-01-17	Development of CO2 transport and storage demo projects	IA	7-8	40	20	30/03/2023
HORIZON-CL5-2023-D3-01-18	Clean Energy Transition Co-funded Partnership	COFUND	n.v.t.	68	68	30/03/2023
HORIZON-CL5-2023-D3-02-01	Development of near zero-emission biomass heat and/or CHP including carbon capture	RIA	5	8	4	05/09/2023
HORIZON-CL5-2023-D3-02-02	Novel thermal energy storage for CSP	RIA	4-5	5	2,5	05/09/2023
HORIZON-CL5-2023-D3-02-03	Industrial manufacturing for lower-cost solar thermal components and systems	IA	7-8	6	3	05/09/2023
HORIZON-CL5-2023-D3-02-04	Innovative components and configurations for heat pumps	RIA	4-5	6	2	05/09/2023
HORIZON-CL5-2023-D3-02-05	Advanced exploration technologies for geothermal resources in a wide range of geological settings	RIA	5	8	4	05/09/2023
HORIZON-CL5-2023-D3-02-06	Smart use of geothermal electricity and heating and cooling in the energy system	IA	7	15	5	05/09/2023
HORIZON-CL5-2023-D3-02-07	Development of next generation advanced biofuel technologies	RIA	4-5	12	4	05/09/2023
HORIZON-CL5-2023-D3-02-08	Development of microalgae and/or direct solar fuel production and purification technologies for advanced aviation and /or shipping fuels	RIA	4-5	8	4	05/09/2023
HORIZON-CL5-2023-D3-02-09	Demonstration of sustainable hydropower refurbishment	IA	7-8	8	8	05/09/2023
HORIZON-CL5-2023-D3-02-10	Development of innovative power take-off and control systems for wave energy devices	RIA	5	8	4	05/09/2023
HORIZON-CL5-2023-D3-02-11	Advanced concepts for crystalline Silicon technology	RIA	4-5	9	3	05/09/2023
HORIZON-CL5-2023-D3-02-12	Large Area Perovskite solar cells and modules	IA	6-7	14	7	05/09/2023
HORIZON-CL5-2023-D3-02-13	Operation, Performance and Maintenance of PV Systems	IA	6-7	10	5	05/09/2023
HORIZON-CL5-2023-D3-02-14	Digital twin for forecasting of power production to wind energy demand	RIA	5	12	6	05/09/2023
HORIZON-CL5-2023-D3-02-15	Critical technologies to improve the lifetime, efficient decommissioning and increase the circularity of offshore and onshore wind energy systems	RIA	5	12	4	05/09/2023
HORIZON-CL5-2023-D3-02-16	Accelerating the green transition and energy access in Africa	IA	7	20	5	05/09/2023
HORIZON-CL5-2024-D3-01-01	Alternative equipment and processes for advanced manufacturing of PV technologies	IA	7	24	12	16/01/2024
HORIZON-CL5-2024-D3-01-02	Low-power PV	IA	5-7	6	3	16/01/2024
HORIZON-CL5-2024-D3-01-03	Demonstration of improved intermediate renewable energy carrier technologies for transport fuels	IA	6-7	20	10	16/01/2024
HORIZON-CL5-2024-D3-01-04	Improvement of light harvesting and carbon fixation with synthetic biology and/or bio-inspired//biomimetic pathways for renewable direct solar fuels production	RIA	3-4	8	4	16/01/2024
HORIZON-CL5-2024-D3-01-05	Development of carbon fixation technologies for biogenic flue gases	RIA	5	8	4	16/01/2024
HORIZON-CL5-2024-D3-01-06	Innovative applications/integration of geothermal heating and cooling in industry	RIA	5	9	3	16/01/2024



Cluster 5: Climate - Energy - Mobility

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL5-2024-D3-01-07	Development of hydropower equipment for improving techno-economic efficiency and equipment resilience in refurbishment situations	RIA	4-5	8	4	16/01/2024
HORIZON-CL5-2024-D3-01-08	Demonstration of sustainable wave energy farms	IA	8	38	18-20	16/01/2024
HORIZON-CL5-2024-D3-01-09	Africa-EU CO-FUND action	COFUND	n.v.t.	10	10	16/01/2024
HORIZON-CL5-2024-D3-01-10	Next generation of renewable energy technologies	RIA	3-4	27	3	16/01/2024
HORIZON-CL5-2024-D3-01-11	AI Testing and Experimentation Facility (TEF) for the energy sector – bringing technology to the market	IA	6-8	16	5	16/01/2024
HORIZON-CL5-2024-D3-01-12	Energy Management Systems for flexibility services	IA	7-8	10	5	16/01/2024
HORIZON-CL5-2024-D3-01-13	DC and AC/DC hybrid transmission and distribution systems	RIA	4-5	13	6	16/01/2024
HORIZON-CL5-2024-D3-01-14	Condition & Health Monitoring in Power Electronics (PE) - Wide Band Gap PE for the energy sector	RIA	5-6	13	4	16/01/2024
HORIZON-CL5-2024-D3-01-15	HVAC, HVDC and High-Power cable systems	RIA	4-5	16	5-5,5	16/01/2024
HORIZON-CL5-2024-D3-01-16	Demonstration of innovative pumped storage equipment and tools in combination with innovative storage management systems	IA	7-8	8	8	16/01/2024
HORIZON-CL5-2024-D3-01-17	Development and integration of advanced software tools in SCADA systems for High, Medium and Low voltage AC/DC hybrid systems	IA	6-8	12	6	16/01/2024
HORIZON-CL5-2024-D3-02-01	Digital tools for CSP and solar thermal plants	IA	7-8	6	3	05/09/2024
HORIZON-CL5-2024-D3-02-02	Development of next generation synthetic renewable fuel technologies	RIA	3-4	12	4	05/09/2024
HORIZON-CL5-2024-D3-02-03	Development of smart concepts of integrated energy driven bio-refineries for co-production of advanced biofuels, bio-chemicals and biomaterials	RIA	5	7	3,5	05/09/2024
HORIZON-CL5-2024-D3-02-04	Critical technologies for the future ocean energy farms	RIA	5	8	4	05/09/2024
HORIZON-CL5-2024-D3-02-05	PV-integrated electric mobility applications	IA	6-7	14	7	05/09/2024
HORIZON-CL5-2024-D3-02-06	Innovative, Community-Integrated PV systems	IA	6-7	10	5	05/09/2024
HORIZON-CL5-2024-D3-02-07	Resource Efficiency of PV in Production, Use and Disposal	CSA	n.v.t.	3	3	05/09/2024
HORIZON-CL5-2024-D3-02-08	Minimisation of environmental, and optimisation of socio-economic impacts in the deployment, operation and decommissioning of offshore wind farms	RIA	5	10	5	05/09/2024
HORIZON-CL5-2024-D3-02-09	Demonstrations of innovative floating wind concepts	IA	7-8	30	15	05/09/2024
HORIZON-CL5-2024-D3-02-10	Market Uptake Measures of renewable energy systems	CSA	n.v.t.	8	2	05/09/2024
HORIZON-CL5-2024-D3-02-11	CCU for the production of fuels	IA	6-7	15	7	05/09/2024
HORIZON-CL5-2024-D3-02-12	DACCS and BECCS for CO2 removal/negative emissions	IA	6-7	15	5-7	05/09/2024



Cluster 5: Climate - Energy - Mobility

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
Destination: Efficient, sustainable and inclusive energy use						
HORIZON-CL5-2023-D4-01-01	Innovative cost-efficient solutions for zero-emission buildings	IA	6-8	10	5	20/04/2023
HORIZON-CL5-2023-D4-01-02	Future-proofing historical buildings for the clean energy transition	RIA	4-5	9	4.5	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	6-8	8	4	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	4-5	6	3	20/04/2023
HORIZON-CL5-2023-D4-01-05	Innovative solutions for cost-effective decarbonisation of buildings through energy efficiency and electrification	IA	6-8	25	12.5	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	7	20	10	20/04/2023
HORIZON-CL5-2023-D4-02-01	Innovative uses of lifecycle data for the management of buildings and buildings portfolios (Built4People Partnership)	IA	6-8	10	5	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	6-8	10	5	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	6-8	12	6	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	n/a	2	2	05/09/2023
HORIZON-CL5-2023-D4-02-05	Supporting the creation of an accessible and inclusive built environment (Built4People Partnership)	IA	6-8	10	5	05/09/2023
HORIZON-CL5-2024-D4-01-01	Low-disruptive renovation processes using integration of prefabricated solutions for energy-efficient buildings	IA	6-8	10	5	18/04/2024
HORIZON-CL5-2024-D4-01-02	Smart grid-ready buildings	IA	6-8	10	5	18/04/2024
HORIZON-CL5-2024-D4-01-03	Alternative heating systems for efficient, flexible and electrified heat generation in industry	IA	6-7	16	5.3	18/04/2024
HORIZON-CL5-2024-D4-02-01	Industrialisation of sustainable and circular deep renovation workflows (Built4People Partnership)	IA	6-8	16	8	05/09/2024
HORIZON-CL5-2024-D4-02-02	Robotics and other automated solutions for construction, renovation and maintenance in a sustainable built environment (Built4People Partnership)	RIA	4-5	8	4	05/09/2024
HORIZON-CL5-2024-D4-02-03	BIM-based processes and digital twins for facilitating and optimising circular energy renovation (Built4People Partnership)	IA	6-8	8	4	05/09/2024
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	5-6	8	4	05/09/2024
HORIZON-CL5-2024-D4-02-05	Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership)	IA	6-8	10	5	05/09/2024



Partnerschappen Cluster 5: Energy

Clean Energy Transition Partnership (CETP)



Doel

Ondersteunen van energie-innovatie heel breed

Start

Eerste call gepubliceerd op 14 september 2022

EU budget

210 miljoenen euro

NL budget

Ja

Website

RVO website CETPartnership
Website CETPartnership

Contact

Gerdi Breembroek
Rebecca van Leeuwen-Jones

Driving Urban Transitions to a sustainable future (DUT)



Doel

Ondersteunen van innovatie voor steden voor zo wel mitigatie als adaptatie van en aan klimaatverandering.

Start

Eerste call gepubliceerd op 21 september 2022

EU budget

130 miljoenen euro

NL budget

Ja

Website

NWO website
Website DUT partnership



Partnerschappen Cluster 5: Energy

Partnerschap Clean Hydrogen Joint Undertaking								
Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-JTI-CLEANH2-2023-01-01	Renewable hydrogen production	Innovative electrolysis cells for hydrogen production	RIA	2	4	6	3	18/04/2023
HORIZON-JTI-CLEANH2-2023-01-02	Renewable hydrogen production	Innovative Solid Oxide electrolysis cells for intermediate temperature hydrogen production	RIA	2	4	3	3	18/04/2023
HORIZON-JTI-CLEANH2-2023-01-03	Renewable hydrogen production	Advances in alkaline electrolysis technology	RIA	3	5	2,5	2,5	18/04/2023
HORIZON-JTI-CLEANH2-2023-01-04	Renewable hydrogen production	Photoelectrochemical (PEC) and/or Photocatalytic (PC) production of hydrogen	RIA	2-3	5	2,5	2,5	18/04/2023
HORIZON-JTI-CLEANH2-2023-01-05	Renewable hydrogen production	Waste to Hydrogen demonstration plant	IA	5	7	10	10	18/04/2023
HORIZON-JTI-CLEANH2-2023-01-06	Renewable hydrogen production	Valorisation of by-product O2 and/or heat from electrolysis	IA		7-8	10	10	18/04/2023
HORIZON-JTI-CLEANH2-2023-01-07	Renewable hydrogen production	Hydrogen use by an industrial cluster via a local pipeline network	IA		8	15	15	18/04/2023
HORIZON-JTI-CLEANH2-2023-02-01	Hydrogen storage and distribution	Large-scale demonstration of underground hydrogen storage	IA		8	20	20	18/04/2023
HORIZON-JTI-CLEANH2-2023-02-02	Hydrogen storage and distribution	Pre-Normative Research about the compatibility of transmission gas grid steels with hydrogen and development of mitigation	RIA	3	5	4	4	18/04/2023
HORIZON-JTI-CLEANH2-2023-02-03	Hydrogen storage and distribution	Novel insulation concepts for LH2 storage tanks	RIA	2	3	2	2	18/04/2023
HORIZON-JTI-CLEANH2-2023-02-04	Hydrogen storage and distribution	Demonstration of high pressure (500-700 bar) supply chain	IA	6	8	5	5	18/04/2023
HORIZON-JTI-CLEANH2-2023-02-05	Hydrogen storage and distribution	Demonstration of LH2 HRS for Heavy Duty applications	IA	4	6-7	5	5	18/04/2023
HORIZON-JTI-CLEANH2-2023-03-01	Hydrogen end uses: transport applications	Real environment demonstration of Non-Road Mobile Machinery (NRMM)	IA	4-5	7	10	5	18/04/2023
HORIZON-JTI-CLEANH2-2023-03-02	Hydrogen end uses: transport applications	Development of a large fuel cell stack for maritime applications	RIA	4	6	7,5	7,5	18/04/2023



Partnerschappen Cluster 5: Energy

Partnerschap Clean Hydrogen Joint Undertaking								
Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-JTI-CLEANH2-2023-03-03	Hydrogen end uses: transport applications	Ultra-low NOx combustion system for aviation	RIA		4	8	8	18/04/2023
HORIZON-JTI-CLEANH2-2023-04-01	Hydrogen end uses: clean heat and power	Development and validation of high power and impurity tolerant fuel cell systems ready to run on industrial quality dry hydrogen	RIA	3	5	4	4	18/04/2023
HORIZON-JTI-CLEANH2-2023-04-02	Hydrogen end uses: clean heat and power	Research on fundamental combustion physics, flame velocity and structure, pathways of emissions formation for hydrogen and variable blends of hydrogen, including ammonia	RIA	2	4	3	3	18/04/2023
HORIZON-JTI-CLEANH2-2023-04-03	Hydrogen end uses: clean heat and power	Retrofitting of existing industrial sector natural gas turbomachinery cogeneration systems for hydrogen combustion	IA	5	7	6	6	18/04/2023
HORIZON-JTI-CLEANH2-2023-04-04	Hydrogen end uses: clean heat and power	Hydrogen for heat production for hard-to-abate industries (e.g. retrofitted burners, furnaces)	IA	5	7	6	6	18/04/2023
HORIZON-JTI-CLEANH2-2023-05-01	Cross-cutting	Product environmental footprint pilot for a set of FCH product categories	CSA	n.v.t.	n.v.t.	1,5	1,5	18/04/2023
HORIZON-JTI-CLEANH2-2023-05-02	Cross-cutting	European Hydrogen Academy	CSA	n.v.t.	n.v.t.	3	3	18/04/2023
HORIZON-JTI-CLEANH2-2023-05-03	Cross-cutting	Pre-Normative Research on the determination of hydrogen releases from the hydrogen value chain	RIA			3	3	18/04/2023
HORIZON-JTI-CLEANH2-2023-06-01	Hydrogen valleys	Large-scale Hydrogen Valley	IA	6	8	20	20	18/04/2023
HORIZON-JTI-CLEANH2-2023-06-02	Hydrogen valleys	Small-scale Hydrogen Valley	IA	6	8	18	9	18/04/2023
HORIZON-JTI-CLEANH2-2023-07-01	Strategic research challenges	Advanced materials for hydrogen storage tanks	RIA	2	4	10	10	18/04/2023
HORIZON-JTI-CLEANH2-2023-07-02	Strategic research challenges	Increasing the lifetime of electrolyser stacks	RIA	2	4,5	10	10	18/04/2023



Cluster 5: Climate - Energy - Mobility

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Pillar 2

Topicnr	Section	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL5-2023-D5-01-01	Zero-emission road transport	User-centric design and operation of EV for optimized energy efficiency (2ZERO Partnership)	IA	6	15	4-5	20/04/2023
HORIZON-CL5-2023-D5-01-02	Zero-emission road transport	Innovative battery management systems for next generation vehicles (2ZERO & Batt4EU Partnership)	IA	6	10	5	20/04/2023
HORIZON-CL5-2023-D5-01-03	Zero-emission road transport	Frugal zero-emission vehicles concepts for the urban passenger challenge (2ZERO Partnership)	IA	7-8	20	7-12	20/04/2023
HORIZON-CL5-2023-D5-01-04	Zero-emission road transport	Circular economy approaches for zero emission vehicles (2ZERO Partnership)	RIA	5	12	12	20/04/2023
HORIZON-CL5-2023-D5-01-05	Zero-emission road transport	Measuring road transport results towards 2ZERO KPIs (2ZERO Partnership)	CSA	n.a.	1	1	20/04/2023
HORIZON-CL5-2023-D5-01-06	Zero-emission road transport	EU Member States/Associated countries research policy cooperation network to accelerate zero-emission road mobility (2ZERO Partnership)	CSA	n.a.	1,5	1,5	20/04/2023
HORIZON-CL5-2023-D5-01-07	Aviation	Hydrogen-powered aviation	IA	6	20	8-10	20/04/2023
HORIZON-CL5-2023-D5-01-08	Aviation	Accelerating climate-neutral hydrogen powered/electrified aviation	RIA	2-3	17	3-4	20/04/2023
HORIZON-CL5-2023-D5-01-09	Aviation	Competitiveness and digital transformation in aviation – advancing further capabilities, digital approach to design	RIA	2-4	15	3-5	20/04/2023
HORIZON-CL5-2023-D5-01-10	Aviation	Aviation research synergies between Horizon Europe, AZEA and National programs	CSA	n.a.	2	2	20/04/2023
HORIZON-CL5-2023-D5-01-11	Waterborne transport	Developing the next generation of power conversion technologies for sustainable alternative carbon neutral fuels in waterborne applications (ZEWT Partnership)	RIA	5	16	8	20/04/2023
HORIZON-CL5-2023-D5-01-12	Waterborne transport	Demonstrations to accelerate the switch to safe use of new sustainable climate neutral fuels in waterborne transport (ZEWT Partnership)	IA	7-8	34	8-13	20/04/2023



Cluster 5: Climate - Energy - Mobility

Topicnr	Section	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL5-2023-D5-01-13	Waterborne transport	Integrated real-time digital solutions to optimise navigation and port calls to reduce emissions from shipping (ZEWT Partnership)	IA	6-8	15	7,5	20/04/2023
HORIZON-CL5-2023-D5-01-14	Waterborne transport	Developing a flexible offshore supply of zero emission auxiliary power for ships moored or anchored at sea deployable before 2030 (ZEWT Partnership)	IA	6-8	8,5	8,5	20/04/2023
HORIZON-CL5-2023-D5-01-15	Waterborne transport	Reducing the environmental impact from shipyards and developing a whole life strategy to measure and minimise the non-operational environmental impacts from shipping	IA	7-8	9	4,5	20/04/2023
HORIZON-CL5-2023-D5-01-16	Waterborne transport	Developing small, flexible, zero-emission and automated vessels to support shifting cargo from road to sustainable Waterborne Transport	RIA	5-6	9	4,5	20/04/2023
HORIZON-CL5-2023-D5-01-17	Waterborne transport	Towards the implementation of the inland navigation action programme with a focus on Green and Connected Inland Waterway Transport	CSA	n.a.	1,5	1,5	20/04/2023
HORIZON-CL5-2023-D5-01-18	Transport-related health and environment	Advanced transport emissions monitoring networks	IA	7-8	10	5	20/04/2023
HORIZON-CL5-2023-D5-01-19	Cross-cutting actions	Support for the organisation of EU-US symposia in the field of Transport Research	CSA	n.a.	0,5	0,5	20/04/2023
HORIZON-CL5-2024-D5-01-01	Zero-emission road transport	Smart, low-cost pervasive stationary slow charging and bi-directional solutions synergic with the grid for EV mass deployment (2ZERO Partnership)	IA	7-8	15	7-8	18/04/2024
HORIZON-CL5-2024-D5-01-02	Zero-emission road transport	Integration and testing of next generation post-800V electric powertrains (2ZERO Partnership)	RIA	5	15	4-6	18/04/2024
HORIZON-CL5-2024-D5-01-03	Zero-emission road transport	Advanced battery system integration for next generation vehicles (2ZERO Partnership)	RIA	5	10	5	18/04/2024
HORIZON-CL5-2024-D5-01-04	Zero-emission road transport	Integrated flexible multipoint megawatt charging systems for electric truck mass deployment (2ZERO Partnership) (2024)	IA	8	17	7-8,5	18/04/2024
HORIZON-CL5-2024-D5-01-05	Zero-emission road transport	Advanced digital development tools to accelerate the development of software defined vehicles that enable zero-emission mobility (2ZERO Partnership)	RIA	4-5	10	4-5	18/04/2024
HORIZON-CL5-2024-D5-01-06	Zero-emission road transport	New designs, shapes, functionalities of Light Commercial Vehicles (2ZERO Partnership)	IA	7-8	10	10	18/04/2024
HORIZON-CL5-2024-D5-01-07	Aviation	Accelerating climate neutral aviation, minimising non-CO2 emissions	RIA	2-4	17	4-5	18/04/2024
HORIZON-CL5-2024-D5-01-08	Aviation	Competitiveness and digital transformation in aviation – advancing further composite aerostructures	RIA	2-4	16	3-5	18/04/2024
HORIZON-CL5-2024-D5-01-09	Aviation	Impact monitoring of EU Aviation R&I	RIA	n.a.	8	8	18/04/2024



Cluster 5: Climate - Energy - Mobility

Topicnr	Section	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL5-2024-D5-01-10	Aviation	Towards a flying testbed for European leadership in aviation	RIA	4-5	16	16	18/04/2024
HORIZON-CL5-2024-D5-01-11	Waterborne transport	Achieving high voltage, low weight, efficient electric powertrains for sustainable waterborne transport (ZEWT Partnership)	RIA	5	15	7,5	18/04/2024
HORIZON-CL5-2024-D5-01-12	Waterborne transport	Combining state-of-the-art emission reduction and efficiency improvement technologies in ship design and retrofitting for contributing to the "Fit for 55" package objective by 2030 (ZEWT Partnership)	IA	7	15	7,5	18/04/2024
HORIZON-CL5-2024-D5-01-13	Waterborne transport	Demonstration of Technologies to minimise underwater noise generated by waterborne transport (ZEWT Partnership)	IA	6-8	6	6	18/04/2024
HORIZON-CL5-2024-D5-01-14	Waterborne transport	Demonstrating efficient fully DC electric grids within waterborne transport for large ship applications (ZEWT Partnership)	IA	6-8	15	7,5	18/04/2024
HORIZON-CL5-2024-D5-01-15	Waterborne transport	Advanced digitalisation and modelling utilizing operational and other data to support zero emission waterborne transport (ZEWT Partnership)	IA	6-7	7,7	7,7	18/04/2024
HORIZON-CL5-2024-D5-01-16	Waterborne transport	Structuring the Waterborne transport sector, including through changed business and industrial models in order to achieve commercial zero-emission waterborne transport (ZEWT Partnership)	CSA	n.a.	0,85	0,85	18/04/2024
HORIZON-CL5-2024-D5-01-17	Waterborne transport	Coordinating and supporting the combined activities of member and associated states towards the objectives of the Zero Emission Waterborne Transport partnership so as to increase synergies and impact (ZEWT Partnership)	CSA	n.a.	1,5	1,5	18/04/2024
HORIZON-CL5-2024-D5-01-18	Transport-related health and environment	Assessment of air pollutant emissions from low-carbon fuels in the heavy-duty, aviation, and maritime sectors	RIA	5-6	7	3,5	18/04/2024
HORIZON-CL5-2023-D6-01-01	Connected, Cooperative and Automated Mobility (CCAM)	User-centric development of vehicle technologies and solutions to optimise the on-board experience and ensure inclusiveness (CCAM Partnership)	RIA	5	8	4	05/09/2023
HORIZON-CL5-2023-D6-01-02	Connected, Cooperative and Automated Mobility (CCAM)	Generation of scenarios for development, training, virtual testing and validation of CCAM systems (CCAM Partnership)	RIA	5	20	20	05/09/2023
HORIZON-CL5-2023-D6-01-03	Connected, Cooperative and Automated Mobility (CCAM)	Infrastructure-enabled solutions for improving the continuity or extension of Operational Design Domains (ODDs) (CCAM Partnership)	IA	6-7	12	6	05/09/2023
HORIZON-CL5-2023-D6-01-04	Connected, Cooperative and Automated Mobility (CCAM)	Integrating European diversity in the design, development and implementation of CCAM solutions to support mobility equity (CCAM Partnership)	RIA	n.a.	8	3-4	05/09/2023
HORIZON-CL5-2023-D6-01-05	Connected, Cooperative and Automated Mobility (CCAM)	CCAM effects on jobs and education, plans for skills that match the CCAM development, and prerequisites for employment growth (CCAM Partnership)	RIA	n.a.	2	2	05/09/2023



Cluster 5: Climate - Energy - Mobility

Topicnr	Section	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL5-2023-D6-01-06	Multimodal transport, infrastructure and logistics	Zero-emission e-commerce and freight delivery and return choices by retailers, consumers and local authorities	RIA	5	6	3	05/09/2023
HORIZON-CL5-2023-D6-01-07	Multimodal transport, infrastructure and logistics	Operational automation to support multimodal freight transport	RIA	5	8	4	05/09/2023
HORIZON-CL5-2023-D6-01-08	Multimodal transport, infrastructure and logistics	Future-proof GHG and environmental emissions factors for accounting emissions from transport and logistics operations	CSA	n.a.	3	3	05/09/2023
HORIZON-CL5-2023-D6-01-09	Multimodal transport, infrastructure and logistics	Climate resilient and safe maritime ports	IA	7	14	7	05/09/2023
HORIZON-CL5-2023-D6-01-10	Safety and resilience	Better infrastructure safety on urban and secondary rural roads throughout a combination of adaptable monitoring and maintenance solutions	RIA	5-6	10	5	05/09/2023
HORIZON-CL5-2023-D6-01-11	Safety and resilience	Aviation safety - Uncertainty quantification for safety and risk management	RIA	3-5	8	4	05/09/2023
HORIZON-CL5-2023-D6-01-12	Safety and resilience	New ways of reducing serious injuries and the long term consequences of road crashes	RIA	5-6	8	4	05/09/2023
HORIZON-CL5-2023-D6-01-13	Cross-cutting actions	Support for dissemination events in the field of Transport Research	CSA	n.a.	1,5	1,5	05/09/2023
HORIZON-CL5-2024-D6-01-01	Connected, Cooperative and Automated Mobility (CCAM)	Centralised, reliable, cyber-secure & upgradable invehicle electronic control architectures for CCAM connected to the cloud-edge continuum (CCAM Partnership)	RIA	5	12	6	05/09/2024
HORIZON-CL5-2024-D6-01-02	Connected, Cooperative and Automated Mobility (CCAM)	Scenario-based safety assurance of CCAM and related HMI in a dynamically evolving transport system (CCAM Partnership)	RIA	5	14	14	05/09/2024
HORIZON-CL5-2024-D6-01-03	Connected, Cooperative and Automated Mobility (CCAM)	Orchestration of heterogeneous actors in mixed traffic within the CCAM ecosystem (CCAM Partnership)	IA	6-7	12	6	05/09/2024
HORIZON-CL5-2024-D6-01-04	Connected, Cooperative and Automated Mobility (CCAM)	AI for advanced and collective perception and decision making for CCAM applications (CCAM Partnership)	RIA	5	10	5	05/09/2024
HORIZON-CL5-2024-D6-01-05	Connected, Cooperative and Automated Mobility (CCAM)	Robust Knowledge and Know-How transfer for Key Deployment Pathways and implementation of the EU-CEM (CCAM Partnership)	CSA	n.a.	4	4	05/09/2024
HORIZON-CL5-2024-D6-01-06	Multimodal transport, infrastructure and logistics	Optimising multimodal network and traffic management, harnessing data from infrastructures, mobility of passengers and freight transport	RIA	5	10	4-5	05/09/2024
HORIZON-CL5-2024-D6-01-07	Multimodal transport, infrastructure and logistics	Scaling up logistics innovations supporting freight transport decarbonisation in an affordable way	IA	7	20	10	05/09/2024



Cluster 5: Climate - Energy - Mobility

Topicnr	Section	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-CL5-2024-D6-01-08	Multimodal transport, infrastructure and logistics	Improved transport infrastructure performance – Innovative digital tools and solutions to monitor and improve the management and operation of transport infrastructure	IA	7	15	5	05/09/2024
HORIZON-CL5-2024-D6-01-09	Multimodal transport, infrastructure and logistics	Policies and governance shaping the future transport and mobility systems	RIA	n.a.	3	3	05/09/2024
HORIZON-CL5-2024-D6-01-10	Safety and resilience	Ensuring the safety, resilience and security of waterborne digital systems	RIA	5-6	8,5	4	05/09/2024
HORIZON-CL5-2024-D6-01-11	Safety and resilience	Effects of disruptive changes in transport: towards resilient, safe and energy efficient mobility	RIA	na.	7	3-3,5	05/09/2024
HORIZON-CL5-2024-D6-01-12	Safety and resilience	A new framework to improve traffic safety culture in the EU	RIA	n.a.	7	3,5	05/09/2024



Partnerschappen Cluster 5: Mobility

Clean Aviation Joint Undertaking (CAJU)



Doel

Ontwikkelen van disruptive en nieuwe vliegtuigtechnologieën ter ondersteuning van de Europese Green Deal en klimaat-neutraliteit tegen 2050.

Start

Eerste call 23 maart 2022.
Tweede call 9 februari 2023.

EU budget

€ 653,91M (1e call)
€ 137,75M (2e call)

NL budget

Ja

Website

[Website CAJU](#)

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Single European Sky ATM Research 3 (SESAR 3 Joint Undertaking)



Doel

Versnellen van de realisatie van de European Digital Sky. De joint undertaking benut, ontwikkelt en versnelt de acceptatie van de meest geavanceerde technologische oplossingen voor het beheer van conventionele vliegtuigen, drones, lucht taxi's en voertuigen die op grotere hoogte vliegen.

Website

[Website SESAR3](#)

Europe's Rail Joint Undertaking



Doel

Via een geïntegreerde systeembenadering een flexibel, multimodaal, duurzaam, betrouwbaar en geïntegreerd EU-spoorwagennet met hoge capaciteit voor Europese passagiers en vracht tot stand brengen.

Website

[Website Europe's Rail](#)

Connected, Cooperative and Automated Mobility (CCAM) Partnership

Doel

CCAM Partnerschap heeft twee hoofddoelen:

- Effecten beoordelen en inzicht krijgen in gebruikers- en maatschappelijke effecten om Europese Research & Innovation inspanningen te harmoniseren om het bewustzijn en de implementatie van innovatieve CCAM-technologieën en -diensten te versnellen.
- Benutten van de volledige systemische voordelen van nieuwe mobiliteitsoplossingen mogelijk gemaakt door CCAM: meer veiligheid, minder impact op het milieu en inclusiviteit.

Website

[Website CCAM](#)

Contact

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Partnerschappen Cluster 5: Mobility

Zero-emission Waterborne Transport Partnership



Doel

Bieden en demonstreren van emissievrije oplossingen vóór 2030 voor alle belangrijke scheepstypes en -diensten, die vóór 2050 emissievrij vervoer over water mogelijk zullen maken.

Website

Website Waterborne

Contact

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Zero-emission Road Transport Partnership



Doel

Versnellen van de transitie naar een Europees CO₂-neutraal wegvervoerssysteem tegen 2050.

Website

Website zZero

Contact

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Partnerschappen Cluster 5: Mobility

Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-JU-CLEAN-AVIATION-2022-01-HPA-01	Hydrogen powered aircraft (HPA)	Hydrogen Fuel System for Direct Burn Engine Ground Test Execution and Flight Test Preparation	IA		6	20	20	11/05/2023
HORIZON-JU-CLEAN-AVIATION-2022-01-HPA-02	Hydrogen powered aircraft (HPA)	Aircraft Liquid Hydrogen Fuel Distribution System Technologies for Direct Burn Applications	IA		5	10	10	11/05/2023
HORIZON-JU-CLEAN-AVIATION-2022-01-HPA-03	Hydrogen powered aircraft (HPA)	Multi-MW Fuel Cell Propulsion System for Hydrogen-Powered Aircraft	IA		4-5	35	35	11/05/2023
HORIZON-JU-CLEAN-AVIATION-2022-01-HER-01	Hybrid-electric powered Regional Aircraft (HER)	Innovative Fuselage/Empennage Design for Hybrid-Electric Regional Aircraft	IA	3	5	25	25	11/05/2023
HORIZON-JU-CLEAN-AVIATION-2022-01-HER-02	Hybrid-electric powered Regional Aircraft (HER)	Open Digital Platform for Hybrid-Electric Regional Aircraft Design	IA	3	5	7	7	11/05/2023
HORIZON-JU-CLEAN-AVIATION-2022-01-SMR-01	Short/short-medium range Aircraft (SMR)	High-TRL Flight Demonstration Means for Ultra Efficient Propulsion Systems for Short and Short-Medium Range Aircraft	IA			20	20	11/05/2023
HORIZON-JU-CLEAN-AVIATION-2022-01-SMR-02	Short/short-medium range Aircraft (SMR)	Ultra Performance Wing Technologies and Integration for Short and Short-medium Range Aircraft	IA		4	13	13	11/05/2023
HORIZON-JU-CLEAN-AVIATION-2022-01-SMR-03	Short/short-medium range Aircraft (SMR)	Advanced Cabin and Cabin Systems Integration for Short Range and Short-Medium Range for Hydrogen-Powered Aircraft	IA		4	7	7	11/05/2023
HORIZON-JU-CLEAN-AVIATION-2022-01-CSA-01	Coordination and Support Actions (CSA)	Aviation Climate and Technology Impact Monitoring Methodology	CSA	n.v.t.	n.v.t.	0,75	0,75	11/05/2023



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

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Pillar 2

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal	Budget per project	Deadline	Deadline 2e stap
Destination – Biodiversity and Ecosystem Services							
Call - Biodiversity and ecosystem services							
Understanding and addressing the main drivers of biodiversity loss							
HORIZON-CL6-2023-BIODIV-01-1	Better understanding of routes of exposure and toxicological and ecological impacts of chemical pollution on terrestrial biodiversity	RIA		22	5,5	28-03-2023	
HORIZON-CL6-2023-BIODIV-01-2	Impact of light and noise pollution on biodiversity	RIA		7	3,5	28-03-2023	
HORIZON-CL6-2023-BIODIV-01-3	Interdisciplinary assessment of changes affecting terrestrial and freshwater ecosystems, building on observation programmes	RIA		6	6	28-03-2023	
Biodiversity protection and restoration							
HORIZON-CL6-2023-BIODIV-01-4	Nature protection: Better methods and knowledge to improve the conservation status of EU-protected species and habitats	RIA		8	4	28-03-2023	
HORIZON-CL6-2023-BIODIV-01-5	Understanding and reducing bycatch of protected species	RIA		18	9	28-03-2023	
HORIZON-CL6-2023-BIODIV-01-6	Restoration of deep-sea habitats	IA	5-6	10	10	28-03-2023	
HORIZON-CL6-2023-BIODIV-01-7	Demonstration of marine and coastal infrastructures as hybrid blue-grey Nature-based Solutions	IA	5-7	10	5	28-03-2023	
Mainstreaming biodiversity in society and the economy							
HORIZON-CL6-2023-BIODIV-01-8	Addressing biodiversity decline and promoting Nature-based Solutions in higher education	CSA		3	3	28-03-2023	
HORIZON-CL6-2023-BIODIV-01-9	Biodiversity, economics and finance: unlocking financial flows towards reversing of biodiversity loss	RIA		5	5	28-03-2023	



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
HORIZON-CL6-2023-BIODIV-01-10	Build up of knowledge on Nature Positive Economy and supporting its scale-up	RIA		5	5	28-03-2023	
HORIZON-CL6-2023-BIODIV-01-11	Biodiversity loss and enhancing ecosystem services in urban and peri-urban areas	RIA		5	5	28-03-2023	
HORIZON-CL6-2023-BIODIV-01-12	Reinforcing science policy support with IPBES and IPCC for better interconnected biodiversity and climate policies	CSA		4	4	28-03-2023	
Biodiversity friendly practices in agriculture, forestry and aquaculture							
HORIZON-CL6-2023-BIODIV-01-13	Crop wild relatives for sustainable agriculture	RIA		12	6	28-03-2023	
HORIZON-CL6-2023-BIODIV-01-14	Biodiversity friendly practices in agriculture – breeding for Integrated Pest Management (IPM)	RIA		10	5	28-03-2023	
HORIZON-CL6-2023-BIODIV-01-15	Integrative forest management for multiple ecosystem services and enhanced biodiversity	CSA		7	7	28-03-2023	
HORIZON-CL6-2023-BIODIV-01-16	Valorisation of ecosystem services provided by legume crops	RIA		10	5	28-03-2023	
Biodiversity and health							
HORIZON-CL6-2023-BIODIV-01-17	Interlinkages between biodiversity loss and degradation of ecosystems and the emergence of zoonotic diseases	RIA		12	4	28-03-2023	
Interconnection of biodiversity research and policies							
HORIZON-CL6-2023-BIODIV-01-18	Additional activities for the European Biodiversity Partnership: Biodiversa+	COFUND		60	60	28-03-2023	
Call - Biodiversity and ecosystem services							
Understanding and addressing the main drivers of biodiversity loss							
HORIZON-CL6-2024-BIODIV-01-1	Invasive alien species	IA	6-7	12	6	22-02-2024	
Biodiversity protection and restoration							
HORIZON-CL6-2024-BIODIV-01-2	Digital for nature	IA	6-7	16	8	22-02-2024	
Mainstreaming biodiversity in society and the economy							
HORIZON-CL6-2024-BIODIV-01-3	Dependence of society and the economy on pollinators	RIA		13	6,5	22-02-2024	
HORIZON-CL6-2024-BIODIV-01-4	Biodiversity, economics and finance: Understanding macro-financial risks associated with biodiversity loss	RIA		5	5	22-02-2024	
HORIZON-CL6-2024-BIODIV-01-5	Transformative action of policy mixes, governance and digitalisation addressing biodiversity loss	RIA		4	2	22-02-2024	



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
Biodiversity friendly practices in agriculture, forestry and aquaculture							
HORIZON-CL6-2024-BIODIV-01-6	Promoting pollinator friendly farming systems	RIA		6	6	22-02-2024	
HORIZON-CL6-2024-BIODIV-01-7	Reintroduction of landscape features in intensive agricultural areas	RIA		5	5	22-02-2024	
HORIZON-CL6-2024-BIODIV-01-8	Conservation and protection of carbon-rich and biodiversity-rich forest ecosystems	RIA		12	6	22-02-2024	
HORIZON-CL6-2024-BIODIV-01-9	Selective breeding programme for organic aquaculture	RIA	3-5	3	3	22-02-2024	
Call - Biodiversity and ecosystem services							
Mainstreaming biodiversity in society and the economy							
HORIZON-CL6-2024-BIODIV-02-1-two-stage	Demonstrating Nature-based Solutions for the sustainable management of water resources in a changing climate, with special attention to reducing the impacts of extreme droughts	IA		16	8	22-02-2024	17-09-2024
Mainstreaming biodiversity in society and the economy							
HORIZON-CL6-2024-BIODIV-02-2-two-stage	Demonstrating the potential of Nature- based Solutions and the New European Bauhaus to contribute to sustainable, inclusive and resilient living spaces and communities	IA		10	5	22-02-2024	17-09-2024
Biodiversity friendly practices in agriculture, forestry and aquaculture							
HORIZON-CL6-2024-BIODIV-02-3-two-stage	Promoting minor crops in farming systems	RIA		10	5	22-02-2024	17-09-2024
Destination - Fair, healthy and environment-friendly food systems from primary production to consumption							
Call - Fair, healthy and environmentally-friendly food systems from primary production to consumption							
Enabling sustainable farming systems							
HORIZON-CL6-2023-FARM2FORK-01-1	European partnership on accelerating farming systems transition – agroecology living labs and research infrastructures	COFUND		60	60	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-2	European partnership on animal health and welfare	COFUND		60	60	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-3	Improving yields in organic cropping systems	CSA		8	4	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-4	Towards research and innovation beyond farm to fork strategy targets for pesticides after 2030	CSA		1	1	12-04-2023	



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
HORIZON-CL6-2023-FARM2FORK-01-5	Advancing vaccine development for African swine fever	RIA		12	6	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-6	Towards sustainable livestock systems: European platform for evidence building and transitioning policy	RIA		5	5	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-7	Innovations in plant protection: alternatives to reduce the use of pesticides focusing on candidates for substitution	IA	6-7	12	6	12-04-2023	
Enabling sustainable fisheries and aquaculture							
HORIZON-CL6-2023-FARM2FORK-01-8	Using automatic species recognition and artificial intelligence to fight illegal fish discards and revolutionise fisheries control	IA	6-7	5	5	12-04-2023	
Transforming food systems for health, sustainability and inclusion							
HORIZON-CL6-2023-FARM2FORK-01-9	European partnership on sustainable food systems for people, planet and climate	COFUND		45	45	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-10	Eradicate micronutrient deficiencies in the EU	RIA		9	9	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-11	New detection methods on products derived from new genomic techniques for traceability, transparency and innovation in the food system	RIA	4-5	10	5	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-12	Thematic network ensuring food safety by translating research and innovation into practice	CSA		2	2	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-13	Cultured meat and cultured seafood – state of play and future prospects in the EU	RIA		7	7	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-14	Providing marketing solutions to prevent and reduce the food waste related to marketing standards	RIA		10	5	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-15	Fostering resilient European food systems in a changing world	RIA		8	8	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-16	Microbiomes fighting food waste through applicable solutions in food processing, packaging and shelf life	IA	6-7	10	5	12-04-2023	
Targeted international cooperation							
HORIZON-CL6-2023-FARM2FORK-01-17	EU-African Union cooperation – linking the activities of the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership and those of the Pan-African Network for Economic Analysis of Policies (PANAP)	CSA		4	4	12-04-2023	



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
HORIZON-CL6-2023-FARM2FORK-01-18	Support for the implementation of a sustainable platform for the EU-African Union cooperation under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership	CSA		4	4	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-19	Support to the markets and trade of agroecological food products under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership	IA		7	7	12-04-2023	
HORIZON-CL6-2023-FARM2FORK-01-20	EU-Africa Union – food safety	RIA		10	5	12-04-2023	
Call - Fair, healthy and environmentally-friendly food systems from primary production to consumption							
Enabling sustainable farming systems							
HORIZON-CL6-2024-FARM2FORK-01-1	Agro-pastoral/outdoor livestock systems and wildlife management	RIA		5	5	22-02-2024	
Transforming food systems for health, sustainability and inclusion							
HORIZON-CL6-2024-FARM2FORK-01-2	New healthy and sustainable food products and processes	RIA	4-5	10	5	22-02-2024	
HORIZON-CL6-2024-FARM2FORK-01-3	Thematic network tackling food fraud by translating research and innovation into practice	CSA		2	2	22-02-2024	
HORIZON-CL6-2024-FARM2FORK-01-4	Climate change and food safety: effects of climate change on food safety across food systems	RIA		8	4	22-02-2024	
HORIZON-CL6-2024-FARM2FORK-01-5	Creating smart and attractive tools to enhance healthy and sustainable food provision, eating and treating of food at home	IA	6-8	6	3	22-02-2024	
HORIZON-CL6-2024-FARM2FORK-01-6	Citizens' science as an opportunity to foster the transition to sustainable food systems	RIA	3-5	10	5	22-02-2024	
HORIZON-CL6-2024-FARM2FORK-01-7	Impact of the development of novel foods based on alternative sources of proteins	RIA		9	4,5	22-02-2024	
HORIZON-CL6-2024-FARM2FORK-01-8	Preventing and reducing food waste to reduce environmental impacts and to help reach 2030 climate targets	RIA		9	4,5	22-02-2024	
HORIZON-CL6-2024-FARM2FORK-01-9	Microbiome for flavour and texture in the organoleptic dietary shift	IA	6-8	9	4,5	22-02-2024	
Targeted international cooperation							
HORIZON-CL6-2024-FARM2FORK-01-10	EU-African Union cooperation on agroforestry management for climate change adaptation and mitigation	RIA	3-5	18	6	22-02-2024	
HORIZON-CL6-2024-FARM2FORK-01-11	EU-African Union – towards climate-neutral, social just fair trade food systems	RIA		9	4,5	22-02-2024	



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
Call - Fair, healthy and environmentally-friendly food systems from primary production to consumption							
Enabling sustainable farming							
HORIZON-CL6-2024-FARM2FORK-02-1-two-stage	Increasing the availability and use of non-contentious inputs in organic farming	IA	7-8	12	6	22-02-2024	17-09-2024
HORIZON-CL6-2024-FARM2FORK-02-2-two-stage	Sustainable organic food innovation labs: reinforcing the entire value chain	IA	6-8	11	5,5	22-02-2024	17-09-2024
HORIZON-CL6-2024-FARM2FORK-02-3-two-stage	Tools to increase the effectiveness of EU import controls for plant health	IA	6-7	8	4	22-02-2024	17-09-2024
HORIZON-CL6-2024-FARM2FORK-02-4-two-stage	Tackling outbreaks of plant pests	RIA		13	6,5	22-02-2024	17-09-2024
HORIZON-CL6-2024-FARM2FORK-02-5-two-stage	Animal nutritional requirements and nutritional value of feed under different production management conditions	RIA		7	7	22-02-2024	17-09-2024
Enabling sustainable fisheries and aquaculture							
HORIZON-CL6-2024-FARM2FORK-02-6-two-stage	Minimising climate impact on fisheries: mitigation and adaptation solutions for future climate regimes	IA	6-7	9	4,5	22-02-2024	17-09-2024
HORIZON-CL6-2024-FARM2FORK-02-7-two-stage	Minimising climate impact on aquaculture: mitigation and adaptation solutions for future climate regimes	IA	6-7	9	4,5	22-02-2024	17-09-2024
Destination – Circular economy and bioeconomy sectors							
Call - Circular economy and bioeconomy sectors							
Enabling a circular economy transition							
HORIZON-CL6-2023-CircBio-01-1	Enhancing collaboration between Circular Cities and Regions Initiative's (CCRI) supporting organisations	CSA		2,5	2,5	28-03-2023	
HORIZON-CL6-2023-CircBio-01-2	One hundred circular model households: making European households sustainable through inclusive circular practices	IA	6-8	18	6	28-03-2023	
HORIZON-CL6-2023-CircBio-01-3	Harnessing the innovation potential and market uptake of successful circular economy water related projects	CSA		2	2	28-03-2023	



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
Innovating for sustainable bio-based systems, biotechnology and the bioeconomy							
HORIZON-CL6-2023-CircBio-01-4	Land-based bioprospecting and production of bioactive compounds and functional materials for multiple bio-based value chains	RIA	3-5	4	4	28-03-2023	
HORIZON-CL6-2023-CircBio-01-5	Broadening the spectrum of robust enzymes and microbial hosts in industrial biotechnology	IA	6-7	10	5	28-03-2023	
HORIZON-CL6-2023-CircBio-01-6	Bio-based solutions for humanitarian applications	CSA		3	1,5	28-03-2023	
HORIZON-CL6-2023-CircBio-01-7	Symbiosis in the bio-based industrial ecosystems	CSA		3	1,5	28-03-2023	
HORIZON-CL6-2023-CircBio-01-8	Eco-friendly consumer products – low-toxicity/zero pollution construction bio-based materials	IA	6-8	10	5	28-03-2023	
HORIZON-CL6-2023-CircBio-01-9	Business models that balance the share of power and profit in the bioeconomy	RIA		8	4	28-03-2023	
HORIZON-CL6-2023-CircBio-01-10	Supporting the fair and just transition from GHG- intensive economies facing challenges towards circular bioeconomy model regions	CSA		2	2	28-03-2023	
HORIZON-CL6-2023-CircBio-01-11	Novel culturing of aquatic organisms for blue biotechnology applications	RIA	3-5	8	4	28-03-2023	
Safeguarding and sustainably innovating the multiple functions of EU forests							
HORIZON-CL6-2023-CircBio-01-12	Optimising the sustainable production of wood and non-wood products in small forest properties and development of new forest-based value chains	RIA		12	6	28-03-2023	
HORIZON-CL6-2023-CircBio-01-13	Capturing market trends and societal perceptions for tailor-made forest services	RIA		12	6	28-03-2023	
HORIZON-CL6-2023-CircBio-01-14	Monitoring the multi-functionality of European forests	RIA		4	4	28-03-2023	
Call - Circular economy and bioeconomy sectors							
Enabling a circular economy transition							
HORIZON-CL6-2023-CircBio-02-1-two-stage	Circular Cities and Regions Initiative (CCRI)'s circular systemic solutions	IA	6-8	58	9-10	28-03-2023	26-09-2023
HORIZON-CL6-2023-CircBio-02-2-two-stage	Novel, sustainable and circular bio-based textiles	IA	6-8	14	7	28-03-2023	26-09-2023
Innovating for sustainable bio-based systems, biotechnology and the bioeconomy							
HORIZON-CL6-2023-CircBio-02-3-two-stage	Non-plant biomass feedstock for industrial applications: technologies and processes to convert non-lignocellulosic biomass and waste into bio-based chemicals, materials and products, improving the cascading valorisation of biomass	RIA	5	8	4	28-03-2023	26-09-2023



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
Call - Circular economy and bioeconomy sectors							
Enabling a circular economy transition							
HORIZON-CL6-2024-CircBio-01-1	Circular Cities and Regions Initiative's project development assistance (CCRI-PDA)	CSA		6	2	22-02-2024	
HORIZON-CL6-2024-CircBio-01-2	Circular solutions for textile value chains based on extended producer responsibility	IA	6-8	14	7	22-02-2024	
HORIZON-CL6-2024-CircBio-01-3	Innovative circular solutions for furniture	IA	6-8	10	5	22-02-2024	
HORIZON-CL6-2024-CircBio-01-4	Systemic circular solutions for a sustainable tourism	IA		10	5	22-02-2024	
Innovating for sustainable bio-based systems, biotechnology and the bioeconomy							
HORIZON-CL6-2024-CircBio-01-5	Programmed biodegradation capability of bio-based materials and products, validated in specific environments	RIA	4-5	8	4	22-02-2024	
HORIZON-CL6-2024-CircBio-01-6	Digital information systems for bio-based products	RIA	5	6	3	22-02-2024	
HORIZON-CL6-2024-CircBio-01-7	Demonstrating the fair and just transition from GHG- intensive economies facing challenges towards circular bioeconomy model regions	IA	6-7	6	6	22-02-2024	
HORIZON-CL6-2024-CircBio-01-8	Bioeconomy project development assistance	CSA		3	3	22-02-2024	
HORIZON-CL6-2024-CircBio-01-9	Circular bioeconomy start-up villages	CSA		2,5	0,8	22-02-2024	
HORIZON-CL6-2024-CircBio-01-10	Targeting aquatic extremophiles for sourcing novel enzymes, drugs, metabolites and chemicals	RIA	3-5	9	4,5	22-02-2024	
Call - Circular economy and bioeconomy sectors							
Enabling a circular economy transition							
HORIZON-CL6-2024-CircBio-02-1-two-stage	Circular solutions for textile value chains through innovative sorting, recycling, and design for recycling	RIA	5-6	15	5	22-02-2024	17-09-2024
HORIZON-CL6-2024-CircBio-02-2-two-stage	Increasing the circularity in plastics value chains	IA	6-8	10	5	22-02-2024	17-09-2024
HORIZON-CL6-2024-CircBio-02-3-two-stage	Increasing the circularity in electronics value chains	IA	6-8	10	5	22-02-2024	17-09-2024
HORIZON-CL6-2024-CircBio-02-4-two-stage	New circular solutions and decentralised approaches for water and wastewater management	IA	6-8	15	5	22-02-2024	17-09-2024



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
Innovating for sustainable bio-based systems, biotechnology and the bioeconomy							
HORIZON-CL6-2024-CircBio-02-5-two-stage	Circular design of bio-based processes and products	IA	5	8	4	22-02-2024	17-09-2024
HORIZON-CL6-2024-CircBio-02-6-two-stage	From silos to diversity – small-scale bio- based demonstration pilots	RIA	6-7	15	5	22-02-2024	17-09-2024
Destination – Clean environment and zero pollution							
Call - Clean environment and zero pollution							
Halting pollution of air, soil and water							
HORIZON-CL6-2023-ZEROPOLLUTION-01-1	Knowledge and innovative solutions in agriculture for water availability and quality	RIA	3-5	12	6	28/03/2023	
Addressing pollution in seas and ocean							
HORIZON-CL6-2023-ZEROPOLLUTION-01-2	Integrated assessment and monitoring of emerging pollutants in the marine environment	RIA	3-5	12,5	6,25	28/03/2023	
HORIZON-CL6-2023-ZEROPOLLUTION-01-3	Tackling human and climate change induced pollution in the Arctic - building resilient socio-ecological systems	RIA	3-5	12	6	28/03/2023	
Increasing environmental performances and sustainability of bio-based processes and products							
HORIZON-CL6-2023-ZEROPOLLUTION-01-4	Environmental sustainability and circularity criteria for industrial bio-based systems	RIA	5	8	4	28/03/2023	
HORIZON-CL6-2023-ZEROPOLLUTION-01-5	Industrial biotechnology approaches for improved sustainability and output of industrial bio-based processes	IA	6-8	10	5	28/03/2023	
HORIZON-CL6-2023-ZEROPOLLUTION-01-6	Biosensors and user-friendly diagnostic tools for environmental services	RIA	3-5	8	4	28/03/2023	
Reducing the environmental impact and pollution in food systems							
HORIZON-CL6-2023-ZEROPOLLUTION-01-7	Strategies to prevent and reduce plastic packaging pollution from the food system	RIA		8	4	28/03/2023	
Call - Clean environment and zero pollution							
Halting pollution of air, soil and water							
HORIZON-CL6-2023-ZEROPOLLUTION-02-01	Optimisation of manure use along the management chain to mitigate GHG emissions and minimize nutrients/contaminants dispersion in the environment	RIA		7	7	28/03/2023	26/09/2023



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
Increasing environmental performance and sustainability of processes and products							
HORIZON-CL6-2023-ZEROPOLLUTION-02-02	Safe-and-sustainable-by design bio-based platform chemicals, additives, materials or products as alternatives	RIA	4-5	8	4	28/03/2023	06/09/2023
Call - Clean environment and zero pollution							
Halting pollution of air, soil and water							
HORIZON-CL6-2024-ZEROPOLLUTION-01-1	Demonstrating how regions can operate within safe ecological and regional nitrogen and phosphorus boundaries	IA	8	27	9	22/02/2024	
HORIZON-CL6-2024-ZEROPOLLUTION-01-2	Best available techniques to recover or recycle fertilising products from secondary raw materials	CSA		4	2	22/02/2024	
Reducing the environmental impact and pollution in food systems							
HORIZON-CL6-2024-ZEROPOLLUTION-01-3	Environmental impacts of food systems	RIA		7	7	22/02/2024	
Call - Clean environment and zero pollution							
Protecting drinking water and managing urban water pollution							
HORIZON-CL6-2024-ZEROPOLLUTION-02-1	Holistic approaches for effective monitoring of water quality in urban areas	IA		15	5	21/02/2024	17/09/2024
Increasing environmental performances and sustainability of bio-based processes and products							
HORIZON-CL6-2024-ZEROPOLLUTION-02-2	Innovative technologies for zero pollution, zero-waste biorefineries	RIA	4-5	8	4	21/02/2024	17/09/2024
Destination – Land, ocean and water for climate action							
Call - Land, ocean and water for climate action							
HORIZON-CL6-2023-CLIMATE-01-1	Additional activities for the European Partnership Water Security for the Planet (Water4All)	COFUND		36	36	12/04/2023	
HORIZON-CL6-2023-CLIMATE-01-2	Improve the reliability and effectiveness of alternative water resources supply systems and technologies	IA		10	3,3	12/04/2023	
HORIZON-CL6-2023-CLIMATE-01-3	Ocean and coastal waters carbon-and biodiversity-rich ecosystems and habitats in Europe and the Polar Regions	RIA	3-5	10	5	12/04/2023	
HORIZON-CL6-2023-CLIMATE-01-4	Demonstration network on climate-smart farming– linking research stations	RIA		20	20	12/04/2023	
HORIZON-CL6-2023-CLIMATE-01-5	Pilot network of climate-positive organic farms	CSA		5	5	12/04/2023	



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
HORIZON-CL6-2023-CLIMATE-01-6	Analysing fossil-energy dependence in agriculture to increase resilience against input price fluctuations	RIA		5	5	12/04/2023	
HORIZON-CL6-2023-CLIMATE-01-7	Enhancing the sustainable production of renewable energy at farm-level	RIA		5	5	12/04/2023	
HORIZON-CL6-2023-CLIMATE-01-8	Closing the research gaps on Essential Ocean Variables (EOVs) in support of global assessments	IA	5-6	17	4-5	12/04/2023	
Call - Land, ocean and water for climate action							
HORIZON-CL6-2024-CLIMATE-01-1	Improving irrigation practices and technologies in agriculture	IA	6-7	10	5	22/02/2024	
HORIZON-CL6-2024-CLIMATE-01-2	Socio-economic, climate and environmental aspects of paludiculture	RIA		5	5	22/02/2024	
HORIZON-CL6-2024-CLIMATE-01-3	Paludiculture: large-scale demonstrations	IA		20	10	22/02/2024	
HORIZON-CL6-2024-CLIMATE-01-4	Land use change and local / regional climate	RIA		12	6	22/02/2024	
HORIZON-CL6-2024-CLIMATE-01-5	Climate-smart use of wood in the construction sector to support the New European Bauhaus	RIA		14	7	22/02/2024	
HORIZON-CL6-2024-CLIMATE-01-6	Ocean models for seasonal to decadal regional climate impacts and feedbacks	RIA	3-5	9	4,5	22/02/2024	
HORIZON-CL6-2024-CLIMATE-01-7	EU-China international cooperation on improving monitoring for better integrated climate and biodiversity approaches, using environmental and Earth observation	RIA		5	5	22/02/2024	
Destination – Resilient, inclusive, healthy and green rural, coastal and urban communities							
Call - Resilient, inclusive, healthy and green rural, coastal and urban communities							
HORIZON-CL6-2023-COMMUNITIES-01-1	Enhancing social inclusion in rural areas: focus on people in a vulnerable situation and social economy	RIA		10	5	12/04/2023	
HORIZON-CL6-2023-COMMUNITIES-01-2	Improving rural future through better territorial governance and rural-urban synergies	IA		11	5,5	12/04/2023	
HORIZON-CL6-2023-COMMUNITIES-01-3	International benchmarking of rural and territorial policies and delivery mechanisms	CSA		3	3	12/04/2023	
HORIZON-CL6-2023-COMMUNITIES-01-4	Investigating the contribution of geographical indications (GIs) to sustainable development and optimising support for newly established schemes	RIA		3	3	12/04/2023	
HORIZON-CL6-2023-COMMUNITIES-01-5	Assessing urban farming impacts	RIA		5	5	12/04/2023	



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
HORIZON-CL6-2023-COMMUNITIES-01-6	Inclusive and smart ways to communicate sustainability of food	RIA		6,5	6,5	12/04/2023	
Call - Resilient, inclusive, healthy and green rural, coastal and urban communities							
HORIZON-CL6-2024-COMMUNITIES-01-1	Unlock the potential of the New European Bauhaus in urban food system transformation	IA		6	3	22/02/2024	
HORIZON-CL6-2024-COMMUNITIES-01-2	Societal perceptions and benefits of rural life and jobs: will COVID 19 generate a long-lasting shift?	RIA		6	6	22/02/2024	
HORIZON-CL6-2024-COMMUNITIES-01-3	Participation and empowerment of Arctic coastal, local, and indigenous communities in environmental decision-making	RIA		3	3	22/02/2024	
Call - Resilient, inclusive, healthy and green rural, coastal and urban communities							
HORIZON-CL6-2024-COMMUNITIES-02-1	Innovating for climate-neutral rural communities by 2050	IA		10	5	22/02/2024	17/09/2024
HORIZON-CL6-2024-COMMUNITIES-02-2	New sustainable business and production models for farmers and rural communities	RIA		12	6	22/02/2024	17/09/2024
Destination – Innovative governance, environmental observations and digital solutions in support of the Green Deal							
Call - Innovative governance, environmental observations and digital solutions in support of the Green Deal							
Innovating with governance models and supporting policies							
HORIZON-CL6-2023-GOVERNANCE-01-1	European partnership of Agriculture of Data	COFUND		40	40	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-2	Advancing analytical capacity and tools to support EU agri-food policies post 2027	RIA		6	6	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-3	Towards CAP post 2027: evidence on nudging farmers to leverage more sustainable practices and behaviours	RIA		3	3	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-4	Developing an interdisciplinary and inclusive pan-European academic network for food system science	RIA		6	6	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-5	Revitalisation of European local (rural / peri-urban) communities with innovative bio-based business models and social innovation	RIA		5	5	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-6	Co-creation and trust-building measures for biotechnology and bio-based innovation systems	CSA		1,5	1,5	23/03/2023	



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
HORIZON-CL6-2023-GOVERNANCE-01-7	Integrated assessment of land use and biomass demands to contribute to a sustainable healthy and fair bioeconomy	RIA		4	4	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-8	Mobilising BIOEAST networks for the development of national bioeconomy action programmes in support of the European Green Deal	CSA		3,5	3,5	23/03/2023	
Deploying and adding value to environmental observations							
HORIZON-CL6-2023-GOVERNANCE-01-9	Coordination and supporting action to increase synergies in the dissemination and exploitation of climate observations by World Meteorological Organization and its affiliated bodies	CSA		2	2	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-10	Support to EuroGEO initiative coordination/establishing a EuroGEO secretariat	CSA		2	2	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-11	Reducing observation gaps in the land-sea interface area	RIA		9	9	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-12	Empowering citizens to monitor, report and act in partnership with relevant public authorities to protect their environment in the context of environmental compliance assurance	RIA		7	7	23/03/2023	
Digital and data technologies as key enablers							
HORIZON-CL6-2023-GOVERNANCE-01-13	Open source solutions for edge, cloud and mixed model applications to strengthen production and administrative capacities in agriculture	RIA	5-7	10	5	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-14	Digital and data technologies for livestock tracking	CSA		5	5	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-15	Digitalisation in agriculture and forestry: markets for data, and digital technologies and infrastructure – state of play and foresight in a fast changing regulatory, trade and technical environment	RIA	3-5	5	5	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-16	Digital technologies supporting plant health early detection, territory surveillance and phytosanitary measures	RIA		10	5	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-17	Data-driven solutions to foster industry's contribution to inclusive and sustainable food systems	RIA		8	4	23/03/2023	
Strengthening agricultural knowledge and innovation systems (AKIS)							
HORIZON-CL6-2023-GOVERNANCE-01-18	Broaden EIP Operational Group outcomes across borders by means of thematic networks to compile and share knowledge ready for practice	CSA		4	2	23/03/2023	



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
HORIZON-CL6-2023-GOVERNANCE-01-19	Thematic networks to compile and share knowledge ready for practice	CSA		6	3	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-20	Developing an EU advisory network on organic agriculture	CSA		5	5	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-21	Developing EU advisory networks to reduce the use of pesticides	CSA		4	4	23/03/2023	
HORIZON-CL6-2023-GOVERNANCE-01-22	Developing EU advisory networks on the optimal fertiliser use	CSA		4	4	23/03/2023	
Call - Innovative governance, environmental observations and digital solutions in support of the Green Deal							
Innovating with governance models and supporting policies							
HORIZON-CL6-2024-GOVERNANCE-01-1	Additional activities for the European Partnership for a climate neutral, sustainable and productive Blue Economy	COFUND		60	60	28/02/2024	
HORIZON-CL6-2024-GOVERNANCE-01-2	Regional ecosystems of innovation to foster food system transformation	CSA		3,5	3,5	28/02/2024	
HORIZON-CL6-2024-GOVERNANCE-01-3	The role of mainstream media, social media and marketing in fostering healthy and sustainable consumption patterns and how to encourage good practices	CSA		3	3	28/02/2024	
HORIZON-CL6-2024-GOVERNANCE-01-4	Supporting the All-Atlantic Ocean Research and Innovation Alliance and Declaration	CSA		4	4	28/02/2024	
Deploying and adding value to Environmental Observations							
HORIZON-CL6-2024-GOVERNANCE-01-5	Customisation/pre-operationalisation of prototypes end-user services in the area Climate Change Adaptation and Mitigation	PCP		19	19	28/02/2024	
HORIZON-CL6-2024-GOVERNANCE-01-6	Develop innovative applications to support the European Green Deal, building on meteorological satellite data	RIA		8	4	28/02/2024	
Digital and data technologies as key enablers							
HORIZON-CL6-2024-GOVERNANCE-01-7	Enhancing working conditions and strengthening the work force through digital and data technologies – the potential of robotics and augmented reality in agriculture	RIA	7-8	15	5	28/02/2024	
Strengthening agricultural knowledge and innovation systems (AKIS)							
HORIZON-CL6-2024-GOVERNANCE-01-8	Broaden EIP Operational Group outcomes across borders by means of thematic networks to compile and share knowledge ready for practice	CSA		4	2	28/02/2024	
HORIZON-CL6-2024-GOVERNANCE-01-9	Thematic networks to compile and share knowledge ready for practice	CSA		6	3	28/02/2024	



Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
HORIZON-CL6-2024-GOVERNANCE-01-10	Organic farming thematic networks to compile and share knowledge ready for practice	CSA		4	4	28/02/2024	
HORIZON-CL6-2024-GOVERNANCE-01-11	Biodiversity thematic networks to compile and share knowledge ready for practice	CSA		3	3	28/02/2024	
HORIZON-CL6-2024-GOVERNANCE-01-12	Developing EU advisory networks on forestry	CSA		4	4	28/02/2024	
HORIZON-CL6-2024-GOVERNANCE-01-13	Developing EU advisory networks on sustainable livestock systems	CSA		4	4	28/02/2024	



Missies Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

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Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
Mission – Restore our Ocean and Waters by 2030						
Call - Joint Call between Mission Restore our Ocean and Waters by 2030, Mission Adaptation to Climate Change and Mission A Soil Deal for Europe						
Protect and restore marine and freshwater ecosystems and biodiversity						
HORIZON-MISS-2023-OCEAN-01-01	European Blue Parks – Protection and restoration of marine habitats	IA	5-7	8,8	8,8	20-09-2023
HORIZON-MISS-2023-OCEAN-01-02	Danube river basin lighthouse – Demonstration of effective and sustainable management of sediments in the Danube river-Black sea system	IA	5-7	17	8,5	20-09-2023
HORIZON-MISS-2023-OCEAN-01-03	Atlantic and Arctic sea basin lighthouse – Addressing climate change and human activities threats to marine biodiversity	IA	5-7	16	8	20-09-2023
HORIZON-MISS-2023-OCEAN-01-04	European natural lakes: demonstration of integrated approaches for protection and restoration of natural lake ecosystems and their biodiversity	IA	5-7	12	4	20-09-2023
Sustainable, carbon-neutral and circular Blue economy						
HORIZON-MISS-2023-OCEAN-01-05	Lighthouse in the Baltic and the North Sea basins - Lighthouse in the Baltic and the North Sea basins - Green and energy-efficient small-scale fishing fleets	IA	4-6	12	4	20-09-2023
HORIZON-MISS-2023-OCEAN-01-06	Cross-basin topic - Innovative nature-inclusive concepts to reconcile offshore renewables with ocean protection	RIA	3-4	4,5	2,25	20-09-2023
HORIZON-MISS-2023-OCEAN-01-07	Cross-basin topic - Analysis of the obstacles and opportunities for repurposing aged/unused offshore infrastructures	RIA	4-5	1,4	1,4	20-09-2023



Missies Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
Mission Enabling activities: Digital Ocean and Water Knowledge System, public mobilisation and engagement, dynamic investment ecosystem						
HORIZON-MISS-2023-OCEAN-01-08	Integration of socio-ecological models into the Digital Twin Ocean	RIA	3-5	10	3,3	20-09-2023
HORIZON-MISS-2023-OCEAN-01-09	Roadmap towards the integration of inland waters into the Digital Twin Ocean	CSA		2	2	20-09-2023
HORIZON-MISS-2023-OCEAN-01-10	Choose your fish: a campaign for responsible consumption of products from the sea	CSA		2	2	20-09-2023
HORIZON-MISS-2023-OCEAN-01-11	Ocean & water and arts: the contribution of creative sectors to Mission Ocean and waters	CSA		2	2	20-09-2023
Missions' Joint Calls						
Call - Joint Call between Mission Restore our Ocean and Waters by 2030, Mission Adaptation to Climate Change and Mission A Soil Deal for Europe						
HORIZON-MISS-2023-CLIMA-OCEAN-SOIL-01-01	Mission Climate adaptation, Mission Ocean & waters and Mission Soil Deal for Europe – Joint demonstration of an integrated approach to increasing landscape water retention capacity at regional scale	IA	6-7	15	15	20-09-2023
Call - Actions for the implementation of the Mission Restore our ocean and waters by 2030						
HORIZON-MISS-2023-OCEAN-SOIL-01-01	Mission Ocean and Waters and Mission A Soil Deal for Europe – Joint demonstration of approaches and solutions to address nutrient pollution in the landscape-river-sea system in the Mediterranean sea basin	IA	6-7	16	8	20-09-2023
Mission - A Soil Deal for Europe						
Call - Research and Innovation and other actions to support the implementation of mission A Soil Deal for Europe						
HORIZON-MISS-2023-SOIL-01-01	Discovering the subsoil	RIA		12	6	20-09-2023
HORIZON-MISS-2023-SOIL-01-02	Soil pollution processes – modelling and inclusion in advanced digital decision-support tools	RIA		14	7	20-09-2023
HORIZON-MISS-2023-SOIL-01-03	Onsite digital technologies to monitor nutrients and chemical or biological stressors in soil and plants with relevance for food safety and nutrition	IA	6-7	12	6	20-09-2023
HORIZON-MISS-2023-SOIL-01-04	Innovations to prevent and combat desertification	IA	5-7	14	7	20-09-2023
HORIZON-MISS-2023-SOIL-01-05	Soil-friendly practices in horticulture, including alternative growing media	IA	5-7	13	6,5	20-09-2023
HORIZON-MISS-2023-SOIL-01-06	Soils in spatial planning	RIA		7	7	20-09-2023
HORIZON-MISS-2023-SOIL-01-07	Back to earth: bringing communities and citizens closer to soil	CSA		6	6	20-09-2023
HORIZON-MISS-2023-SOIL-01-08	Co-creating solutions for soil health in Living Labs	RIA		36	12	20-09-2023
HORIZON-MISS-2023-SOIL-01-09	Carbon farming in living labs	RIA		12	12	20-09-2023



Partnerschappen Cluster 6

Sustainable Blue Economy Partnership (SBEP)



**Sustainable Blue
Economy Partnership**

Het Sustainable Blue Economy Partnership (SBEP) heeft als doel een rechtvaardige en inclusieve transitie naar een veerkrachtige “blauwe” economie te realiseren. Zo wordt de transformatie naar een klimaatneutrale, duurzame, productieve en concurrerende EU tegen 2030 gestimuleerd. SBEP zal oplossingen leveren om de Europese en internationale dimensies tussen wetenschap en beleid te versterken in mariene en maritieme thema's van de EU Green Deal. Ook worden strategieën voor een digitaal Europa door de nationale, regionale en Europese onderzoek- en innovatieprioriteiten op elkaar afgestemd. Wetenschap, industrie, beleid en de samenleving worden bij elkaar samengebracht.

Looptijd

01/09/2022 tot 31/08/2029

EU Budget

450 M euro budget

NL Budget

NL neemt deel

Meer info

[Website SBEP](#)

Contact

Saske Hoving
Suraj Jamge

Water4All



Het Water4All partnerschap is opgezet om onderzoek en innovatie inzake water in Europa en daarbuiten te concentreren. Waterzekerheid betekent het vermogen van een bevolking om duurzame toegang tot een toereikende hoeveelheid water van aanvaardbare kwaliteit te waarborgen. Dit is essentieel om levensonderhoud, welzijn van mensen en sociaal-economische ontwikkeling op peil te houden, bescherming te bieden tegen vervuiling en rampen door waterverontreiniging, en om ecosystemen in stand te houden in een klimaat van vrede en politieke stabiliteit.

Looptijd

01/06/2022 tot 31/05/2028

EU Budget

120 M euro budget

NL Budget

NL neemt deel

Meer info

[Website Water4All](#)

Contact

Alexander van Dorssen
Laura Platenkamp

Partnerschappen Cluster 6

European Biodiversity Partnership (Biodiversa+)



Als onderdeel van de Europese Biodiversiteitsstrategie voor 2030 om de brug te slaan tussen wetenschap, beleid en praktijk, werkt Biodiversa+ aan 5 hoofddoelstellingen: 1. Ondersteunen van onderzoek en innovatie op het gebied van biodiversiteit via een gedeelde strategie, jaarlijkse gezamenlijke oproepen voor onderzoeksprojecten en activiteiten voor capaciteitsopbouw 2. Een netwerk opzetten van geharmoniseerde regelingen om de monitoring van biodiversiteit en ecosysteemdiensten in heel Europa te verbeteren 3. Bijdragen aan hoogwaardige kennis voor het inzetten van ecosysteem diensten 4. Zorgen voor efficiënte voor beleidsvorming en -implementatie in Europa 5. Versterken van de relevantie en impact van pan-Europees onderzoek naar biodiversiteit in een mondiale context.

Looptijd

01/10/2021 tot 30/09/2028

EU Budget

800 M euro budget

NL Budget

NL neemt deel

Meer info

[Website Biodiversa+](#)

Contact

Alexander van Dorssen

Saske Hoving

Suraj Jamge

Circular Bio-based Europe Joint Undertaking (CBE JU)



De belangrijkste doelstellingen van CBE JU zijn:

- Versnellen van het innovatieproces en de ontwikkeling van biobased innovatieve oplossingen
- Versnellen van de marktintroductie van de bestaande en innovatieve biobased oplossingen
- Zorgen voor een hoog niveau van milieuprestaties van biobased industriële systemen

Looptijd

30/11/2021 tot 31/12/2031

EU Budget

CBE JU is een partnerschap van € 2 miljard tussen de Europese Unie en het Bio-based Industries Consortium (BIC) en bouwt voort op het succes van zijn voorganger, de Bio-based Industries Joint Undertaking (BBI JU).

Meer info

[Website CBE](#)

Zie [overzicht calls](#) in deze wegwijzer.

Contact

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Partnerschappen Cluster 6: Food, Bioeconomy, Natural Resources, Agriculture and Environment

Partnership – Circular Bio-based Europe (CBE)

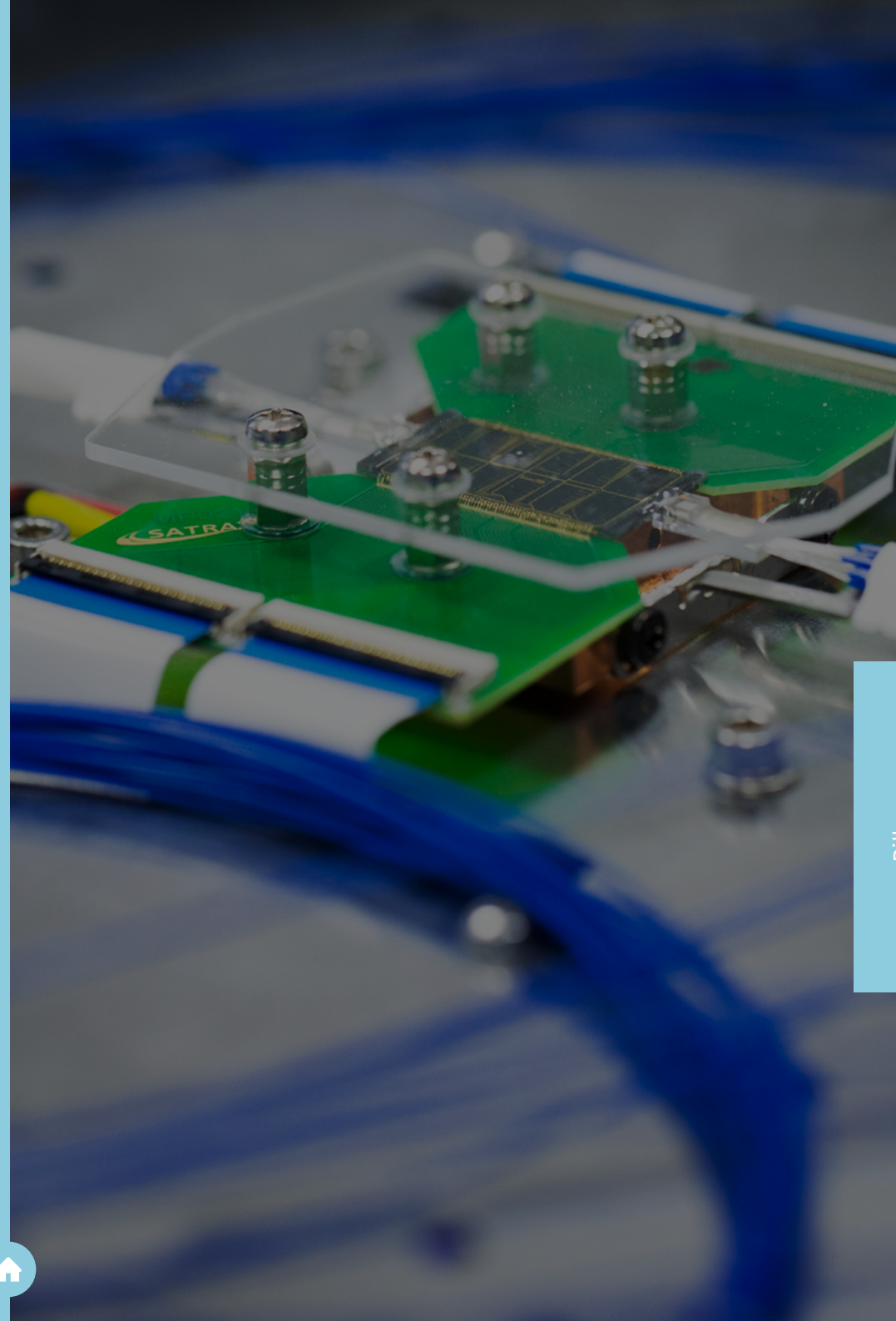
Topicnr	Topic naam	Projecttype	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
Call - CBE JU call 2023						
HORIZON-JU-CBE-2023-IAFlag-01	Optimised and integrated woody-based value chains	IA Flagship	8	17	17	20-09-2023
HORIZON-JU-CBE-2023-IAFlag-02	Expansion and/or retro-fitting of biorefineries towards higher-value bio-based chemicals and intermediates	IA Flagship	8	17	17	20-09-2023
HORIZON-JU-CBE-2023-IAFlag-03	Bio-based packaging materials with improved properties: barrier, food contact, forming, printability, safety, recyclability/circularity-by-design	IA Flagship	8	17	17	20-09-2023
HORIZON-JU-CBE-2023-IAFlag-04	Valorisation of aquatic biomass waste and residues	IA Flagship	8	10	10	20-09-2023
HORIZON-JU-CBE-2023-IA-01	Small-scale biorefining in rural areas	IA	6-7	15	7,5	20-09-2023
HORIZON-JU-CBE-2023-IA-02	Production of safe, sustainable, and efficient bio-based fertilisers to improve soil health and quality	IA	6-7	15	7,5	20-09-2023
HORIZON-JU-CBE-2023-IA-03	Improve fermentation processes (including downstream purification) to final bio-based products	IA	6-7	15	7,5	20-09-2023
HORIZON-JU-CBE-2023-IA-04	Recycling bio-based plastics increasing sorting and recycled content (upcycling)	IA	6-7	15	7,5	20-09-2023
HORIZON-JU-CBE-2023-IA-05	Development of scalable, safe bio-based surfactants with an improved sustainability profile	IA	6-7	15	7,5	20-09-2023
HORIZON-JU-CBE-2023-IA-06	Selective, sustainable production routes towards bio-based alternatives to fossil-based chemical building blocks	IA	6-7	15	7,5	20-09-2023
HORIZON-JU-CBE-2023-IA-07	High performance, circular-by design, bio-based composites	IA	6-7	15	7,5	20-09-2023
HORIZON-JU-CBE-2023-R-01	Phyto-management; curing soil with industrial crops, utilising contaminated and saline land for industrial crop production	RIA	5	10	5	20-09-2023
HORIZON-JU-CBE-2023-R-02	Optimised forest-based value chains for high-value applications and improved forest management	RIA	5	10	5	20-09-2023
HORIZON-JU-CBE-2023-R-03	Robust and optimised industrial biotech and chemical/industrial biotech processes	RIA	5	10	5	20-09-2023
HORIZON-JU-CBE-2023-R-04	Development of novel, high-performance bio-based polymers and co-polymers	RIA	4-5	10	5	20-09-2023
HORIZON-JU-CBE-2023-R-05	Pre-normative research to develop standards for biodegradability of bio-based products in controlled and open environments	RIA	5	5	5	20-09-2023
HORIZON-JU-CBE-2023-S-01	EU-wide network of pilot plants and testing facilities, improving SMEs and start-ups' access to scale-up	CSA		1,5	1,5	20-09-2023
HORIZON-JU-CBE-2023-S-02	Supporting the capacity of regions in environmental sustainability assessment for the bio-based sectors	CSA		3	3	20-09-2023



Pillar 3

Innovative Europe

European Innovation Council (EIC)	92
European innovation ecosystems (EIE)	94
Partnerschappen Innovative SME's	95
EIT (Knowledge & Innovation communities)	96



European Innovation Council (EIC)

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Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
EIC Pathfinder	Open		RIA/ 100%	1	4	179.5	3	07/03/2023
	Challenge	Clean and efficient cooling	RIA/ 100%	1	4	163.5	4	18/10/2023
		Architecture, Engineering and Construction						
		Precision nutrition						
		Responsible electronics						
		In-space solar energy harvesting						
EIC Transition	Open		RIA/ 100%	3	6	60.5	0.5-2.5	12/04/2023 27/09/2023
	Challenge	Full scale Micro-Nano-Bio devices						
		Environmental intelligence						
		Chip-scale optical frequency combs						



European Innovation Council (EIC)

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Topicnr	Section	Topic naam	Projecttype	TRL bij start	TRL bij einde	Budget totaal (M)	Budget per project (M)	Deadline
EIC Accelerator	Open		70%	5	9	611.7	0.5-2.5 subsidie 0-15 investering	11/01/2023 22/03/2023 07/06/2023 04/10/2023
	Challenge	Novel biomarker-based assays to guide personalised cancer treatment	70%	5	9	+/-65	0.5-2.5 subsidie 0-15 investering	22/03/2023 07/06/2023 04/10/2023
		Aerosol and surface decontamination for pandemic management				+/-65		
		Energy storage				+/-100	*	
		New European Bauhaus and Architecture, Engineering and Construction digitalisation for decarbonisation				+/-65		
		Emerging semiconductor or quantum technology components				+/-100	*	
		Novel technologies for resilient agriculture				+/-65		
		Customer-driven, innovative space technologies and services				+/-65		

*Indien onderbouwd kan de investering > € 15 miljoen zijn.



European innovation ecosystems (EIE)

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Ga direct naar de calls
op de website van de EC [↗](#)

Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline
HORIZON-EIE-2023-CONNECT-01-01	Organisation of the Women TechEU Scheme	CSA	15	15	23-03-2023
HORIZON-EIE-2023-CONNECT-01-02	Preparatory action for setting up joint programmes among innovation ecosystems actors	CSA	6	0.5	23/03/2023
HORIZON-EIE-2023-CONNECT-02-01	Stimulating Experimentation Practices	CSA	4	1	21/09/2023
HORIZON-EIE-2023-CONNECT-02-02	Specialist Advisory Services to build capacities on innovation procurement	CSA	4	1	21/09/2023
HORIZON-EIE-2024-CONNECT-01-01	Implementing co-funded action plans for connected regional innovation valleys	CSA	55	8-12	25/04/2024
HORIZON-EIE-2024-CONNECT-01-02	The African Union-European Union Innovation Platform	CSA	2.5	2.5	25/04/2024
HORIZON-EIE-2024-CONNECT-01-03	Startup Europe	CSA	12	1.5-2	25/04/2024
HORIZON-EIE-2024-CONNECT-02-01	Expanding Academia-Enterprise Collaborations	CSA	2.5	0.5	19/09/2024
HORIZON-EIE-2024-CONNECT-02-02	Mutual learning and support scheme for national and regional innovation programmes	CSA	1	0.1	19/09/2024
HORIZON-EIE-2023-INNOVSMES-01-01	European Partnership on Innovative SMEs	COFUND	34.54		22/03/2023



Partnerschappen Innovative SME's

Eurostars III



Doel

Het ondersteunen van internationale marktgerichte technologische innovatie van het MKB

Start 2021

EU Budget 2023

€ 34,54 mln

NL Bijdrage

€ 22,4 mln

Meer info

[Eureka website](#)

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Innowide



Doel

Het internationaliseren van innovatieve producten en diensten

Start 2022

EU Budget

3 mln

NL Bijdrage

Ja

Meer info

[Eureka website](#)

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EIT (Knowledge & Innovation communities)

Het European Institute of Innovation and Technology (EIT) is een organisatie van de Europese Unie die het innovatievermogen van Europa versterkt. Het stimuleert innovatie in heel Europa door het bedrijfsleven, onderwijs en onderzoek te integreren om oplossingen te vinden voor belangrijke wereldwijde uitdagingen. De uitvoering hiervan ligt bij negen Kennis en Innovatie communities, de KIC's.

[Website EIT](#)

InnoEnergy

Doel: Duurzame energy voor het Europa van de toekomst
Website EIT InnoEnergy- Accelerating sustainable energy innovations
Start 2010
Budget EU ('23-'24) : 44 mln
Bijdrage NL : ja

Digital

Doel: Bouwen aan een sterk digitaal Europa
Website Home // EIT Digital
Start 2010
Budget '23-'24: 30,6 mln
Bijdrage NL: ja

Climate-KIC

Doel: Aanpakken van klimaatverandering door innovatie
Website Climate-KIC | The EU's main climate innovation initiative
Start 2010
Budget EU '23-'24: 20,2 mln
Bijdrage NL: ja

Health

Doel: Langer en gezonder leven.
Website: EIT Health | Promoting innovation in health
Start 2015
Bijdrage EU '23-'24-'25: 142,9 mln
Bijdrage NL: ja

Food

Doel: Een duurzaam voedselsysteem
Website EIT Food - EIT Food
Start 2019
Bijdrage EU '23-'24-'25: 179,2 mln
Bijdrage NL: ja

Urban Mobility

Doel: Duurzame mobiliteit voor leefbare steden
Website Home - EIT Urban mobility;
Start: 2019
Bijdrage EU '23-'24-'25: 129,7 mln
Bijdrage NL: ja

Manufacturing

Doel: Versterken van de productiesector in Europa
Website EIT Manufacturing - European manufacturers together
Start 2019
Bijdrage EU '23-'24-'25: 170,3 mln
Bijdrage NL: ja

Raw Materials

Doel: Efficiënt en duurzaam gebruik van grondstoffen.
Website EIT RawMaterials - Developing raw materials into a major strength for Europe
Start 2015
Bijdrage EU '23-'24-'25: 136,1 mln
Bijdrage NL: ja

Culture & Creativity

Doel: Europese rijkdom aan culturen en creativiteit inzetten voor het oplossen van maatschappelijke uitdagingen
Start 2022
Website – nog niet
Bijdrage EU 2023: 6 mln
Bijdrage NL: ja



Horizontale acties en overige programma's

Widening participation and strengthening the European Research Area	98
Citizens, Equality, Rights and Values Programme (CERV)	101
Europees Defensie Fonds (EDF)	102



Widening participation and strengthening the European Research Area

Contact

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Ga direct naar de calls
op de website van de EC 

Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
Destination Improved access to Excellence						
HORIZON-WIDERA-2023-ACCESS-01-1-two-stage	Teaming for Excellence	CSA	16	8-15	12/04/2023	07/03/2024
HORIZON-WIDERA-2023-ACCESS-02-01	Twinning Bottom-Up	CSA	113	0.8-1.5	28/09/2023	
HORIZON-WIDERA-2023-ACCESS-02-02	Twinning Green Deal	CSA	27	0.8-1.5	28/09/2023	
HORIZON-WIDERA-2023-ACCESS-03-01	European Excellence Initiative	CSA	54	2-5	12/04/2024	
HORIZON-WIDERA-2023-ACCESS-04-01	Pathways to Synergies	CSA	20	0.5-1.2	28/09/2023	
HORIZON-WIDERA-2023-ACCESS-05-01	Dissemination and Exploitation Support Facility	CSA	5	1-5	28/09/2023	
HORIZON-WIDERA-2023-ACCESS-06-01	Hop on Facility	RIA	40	0.1-0.6	28/09/2023	
HORIZON-WIDERA-2023-ACCESS-06-01	Hop on Facility	RIA	40	0.1-0.6	26/09/2024	
HORIZON-WIDERA-2023-ACCESS-07-01	Excellence Hubs	CSA	60	2-6	07/03/2024	
Destination Attracting and mobilising the best talents						
HORIZON-WIDERA-2023-TALENTS-01-01	ERA Chairs	CSA	97	1.5-2.5	07/03/2024	
HORIZON-WIDERA-2023-TALENTS-02-01	ERA Fellowships	TMA	8	0.15-0.2	13/09/2023	
HORIZON-WIDERA-2024-TALENTS-02-01	ERA Fellowships	TMA	8	0.15-0.2	11/09/2024	
HORIZON-WIDERA-2024-TALENTS-03-01	ERA Talents	CSA	40	1-3	26/09/2024	



Widening participation and strengthening the European Research Area

Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
Destination Reforming and enhancing the EU research and innovation system						
HORIZON-WIDERA-2023-ERA-01-01	Programme level collaboration between national R&I policy-makers	CSA	6	ong.2	09/03/2023	
HORIZON-WIDERA-2023-ERA-01-02	A strong European R&I Foresight Community to better inform R&I policy decisions in the European Research Area about potential futures	CSA	2	ong.2	09/03/2023	
HORIZON-WIDERA-2023-ERA-01-03	Experimentation and exchange of good practices for value creation	CSA	3	ong.1	09/03/2023	
HORIZON-WIDERA-2023-ERA-01-04	Development of new approaches to the macroeconomic modelling of research and innovation	CSA	1	ong.1	09/03/2023	
HORIZON-WIDERA-2023-ERA-01-05	Exploitation and valorisation of results relevant for the ERA Policy Agenda	CSA	2.2	ong. 2.20	09/03/2023	
HORIZON-WIDERA-2023-ERA-01-06	Building a virtual European Info Platform on Contemporary China	CSA	2.5	ong. 2.5	09/03/2023	
HORIZON-WIDERA-2023-ERA-01-07	Support to reforms of research assessment in the European Research Area	CSA	5	ong. 5	09/03/2023	
HORIZON-WIDERA-2023-ERA-01-08	Laying the groundwork towards Europe-wide citizen science campaigns	CSA	3	ong. 1.5	09/03/2023	
HORIZON-WIDERA-2023-ERA-01-09	Policy support to facilitate the implementation of a zero-tolerance approach towards gender-based violence in the ER	CSA	2	ong.2	09/03/2023	
HORIZON-WIDERA-2023-ERA-01-10	Support to the implementation of an EU Manifesto for STE(A)M education and research and innovation career paths to tackle gender inequalities in the ERA	CSA	2	ong.2	09/03/2023	
HORIZON-WIDERA-2023-ERA-01-11	Research ethics for environmental and climate technologies	CSA	3	ong.3	09/03/2023	
HORIZON-WIDERA-2023-ERA-01-12	The future of research ethics review in the changing research environment	CSA	3	ong.3	09/03/2023	
HORIZON-WIDERA-2024-ERA-01-01	Programme level collaboration between national R&I policy-makers	CSA	6	ong.2	12/03/2024	
HORIZON-WIDERA-2024-ERA-01-02	Emerging needs of the ERA Policy Agenda	CSA	7.3	2-3	12/03/2024	
HORIZON-WIDERA-2024-ERA-01-03	Support for the professionalisation of research management	CSA	1	ong. 1	12/03/2024	
HORIZON-WIDERA-2024-ERA-01-04	Strengthening researchers' skills for better careers – leveraging the European Competence Framework for Researchers	CSA	0.50	ong. 0.50	12/03/2024	
HORIZON-WIDERA-2024-ERA-01-05	Experimentation and exchange of good practices for value creation	CSA	2	ong. 2	12/03/2024	
HORIZON-WIDERA-2024-ERA-01-06	European Excellence Initiative: Acceleration services in support of universities	CSA	9	2-2.5	12/03/2024	
HORIZON-WIDERA-2024-ERA-01-07	Capacity building on Intellectual Property (IP) management to support open science	CSA	2	ong. 2	12/03/2024	
HORIZON-WIDERA-2024-ERA-01-08	Global cooperation in not-for-profit open access publishing	CSA	2.5	ong. 2.5	12/03/2024	



Widening participation and strengthening the European Research Area

Topicnr	Topic naam	Projecttype	Budget totaal (M)	Budget per project (M)	Deadline	Deadline 2e stap
HORIZON-WIDERA-2024-ERA-01-09	Support to the development and implementation of policies and practices for reproducibility of scientific results	CSA	2	ong. 2	12/03/2024	
HORIZON-WIDERA-2024-ERA-01-10	Policy coordination to support all aspects of inclusive Gender Equality Plans and policies in the ERA	CSA	3.5	ong. 3.5	12/03/2024	
HORIZON-WIDERA-2024-ERA-01-11	Support to the implementation of inclusive gender equality plans	CSA	3	0.5-1	12/03/2024	
HORIZON-WIDERA-2024-ERA-01-12	Next generation AI and Human Behaviour: promoting an ethical approach	CSA	3	ong. 3	12/03/2024	
OTHER ACTIONS						
Implementation of COST Actions	COST Action Research Networks; bring researchers together around bottom-up topics	Specific grant	110	ong. 0.5-0.6	25/10/2023	



Citizens, Equality, Rights and Values Programme (CERV)

CERV is het Europese programma voor burgers, gelijkheid, rechten en waarden. Het programma biedt financiering aan projecten van maatschappelijke organisaties en overheden gericht op het bevorderen van Europese rechten en waarden.

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Ga direct naar de calls
op de website van de EC [↗](#)

Topicnr	Section	Topic naam	Budget totaal (M)	Deadline
CERV-2023-EQUAL	Equality & rights	Promotion of equality, and combatting racism, xenophobia, and discrimination	20	20/06/2023
CERV-2024-DATA	Equality & rights	Data protection legislation	2	Q1-2024
CERV-2024-GE	Equality & rights	Gender equality	10,1	Q1-2024
CERV-2023-CITIZENS-TOWN-TT	Citizens' engagement	Town-twinning	4	Q2-2023
CERV-2024-CITIZENS-TOWN-TT	Citizens' engagement	Town-twinning	4	Q2-2024
CERV-2023-CITIZENS-TOWN-NT	Citizens' engagement	Networks of towns	6	20/04/2023
CERV-2024-CITIZENS-TOWN-NT	Citizens' engagement	Networks of towns	6	Q2-2024
CERV-2023-CITIZENS-CIV	Citizens' engagement	Citizens' participation and engagement	25	Q3-2023
CERV-2024-CHILD	Citizens' engagement	Rights of the child and children's participation	11,8	Q1-2024
CERV-2023-CITIZENS-REM	Citizens' engagement	European remembrance	10	06/06/2023
CERV-2024-CITIZENS-REM	Citizens' engagement	European remembrance	12	Q2-2024
CERV-2023-DAPHNE	Daphne	Support for victims of gender-based violence and violence against children (call for intermediaries)	24,9	19/04/2023
CERV-2024-DAPHNE	Daphne	Support for victims of gender-based violence and violence against children	24,8	Q1-2024
CERV-2024-CITIZENS-VALUES	Union Values	Union Values call for intermediaries	74	Q1-2024
CERV-2023-CHAR-LITI	Union Values	Capacity-building and awareness-raising on the EU Charter of Fundamental Rights	16	25/05/2023
CERV-2024-CHAR-LITI	Union Values	Capacity-building and awareness-raising on the EU Charter of Fundamental Rights	16	Q3-2024



Europees Defensie Fonds (EDF)

Het Europees defensiefonds ondersteunt grensoverschrijdende samenwerking tussen EU-landen, bedrijven, onderzoekscentra, internationale organisaties en universiteiten. Het fonds financiert projecten die ertoe bijdragen de EU veiliger te maken.

[Website EDF](#)

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Meer weten? Behoeftte aan persoonlijk advies? De Rijksdienst voor Ondernemend Nederland, het nationaal contactpunt voor Horizon Europe, helpt u graag op weg. Een overzicht van onze Horizon Europe adviseurs vindt u op de [RVO website](#).

Andere Europese programma's

Naast Horizon Europe zijn er meer Europese programma's die onderzoeks- en innovatieprojecten financieren of uw netwerk kunnen vergroten. Op www.rvo.nl/onderwerpen/internationaal-innoveren vindt u meer informatie over deze programma's.

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Deze publicatie is tot stand gekomen in opdracht van het ministerie van Economische Zaken en Klimaat. © Rijksdienst voor Ondernemend Nederland | maart 2023

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