



Wegwijzer Horizon Europe 2023-2024

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

HORIZON EUROPE

THE EU RESEARCH &
INNOVATION PROGRAMME
2021 - 2027

#HorizonEU



EUROPEAN UNION

Pillar 2 - Global Challenges and European Industrial Competitiveness

- C1 - Health
- C2 - Culture, Creativity and Inclusive Society
- C3 - Civil Security for Society
- C4 - Digital, Industry and Space
- C5 - Climate, Energy and Mobility
- C6 - Food, Bioeconomy, Natural Resources, Agriculture and Environment

Pillar 3 - Innovative Europe

- European Innovation Council
- European innovation ecosystems

Horizontale acties en overige programma's

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

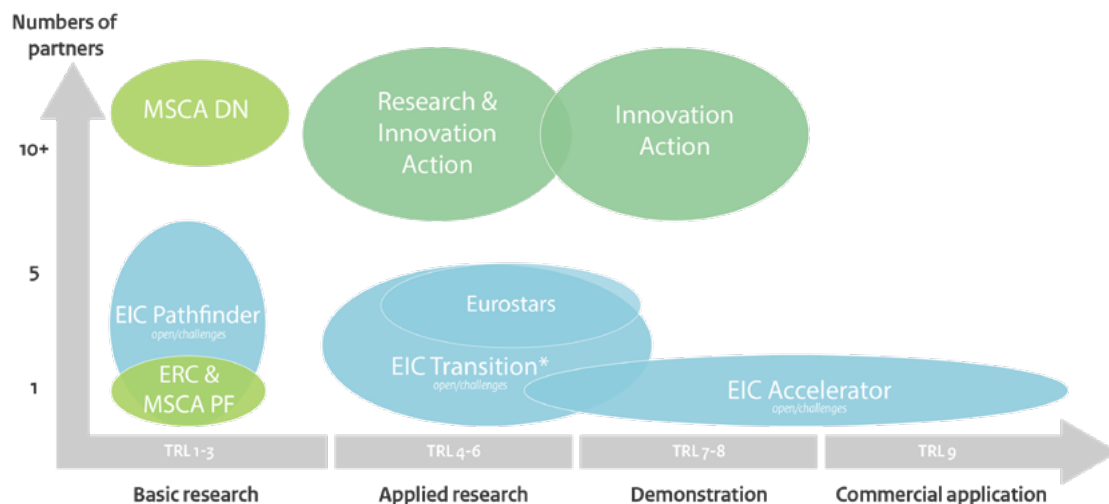
Projectvormen en TRL

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
Jost de Bruin

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 assesment | 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 |
| Pandamic Preparedness <i>Co-Funded or co-programmed</i> | 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

Michael Schijns michael.schijns@rvo.nl
Zweitze Hofma zweitze.hofma@rvo.nl

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

Esther Verhoeven

Mariëlle Brouwer

horizon.erc@rvo.nl

www.rvo.nl/subsidies-financiering/horizon-europe/erc

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 | 601 | max. 1,5 | 24/10/2023 |
| ERC-2024-CoG | ERC-2024-Consolidator Grant | Personal Grant | 584 | max. 2 | 12/12/2023 |
| ERC-2024-AdG | ERC-2024-Advanced Grant | Personal Grant | 578 | max. 2,5 | 29/08/2024 |
| ERC-2024-SyG | ERC-2024-Synergy Grant | Personal Grant | 400 | max. 10 | 08/11/2023 |
| ERC-2024-PoC | ERC-2024-Proof of Concept Grant | Personal Grant | 30 | 150.000 euro | 14/03/2024 - 12/09/2024 |



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

Marleen van den Berg

Mariëlle Brouwer

Gwendolynn Bos-Grootaers

horizon.mariecurie@rvo.nl

www.rvo.nl/subsidies-financiering/horizon-europe/msca

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

| 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 | 26/09/2025 |
| HORIZON-MSCA-2024-COFUND-01 | MSCA COFUND 2024 | Training and Mobility Action | 99,28 | 05/02/2025 |



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

Anna Goedhart

anna.goedhart@rvo.nl

www.rvo.nl/subsidies-financiering/horizon-europe/onderzoeksinfrastructuren

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

| 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) | | | | | |
| Call - Enabling an operational, open and FAIR EOSC ecosystem (2023) | | | | | |
| 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 |
| Call - Enabling an operational, open and FAIR EOSC ecosystem (2024) | | | | | |
| 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) | | | | | |
| Call- Research infrastructure services to support health research, accelerate the green and digital transformation, and advance frontier knowledge (2023) | | | | | |
| 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) | | | | | |
| Call - Next generation of scientific instrumentation, tools, methods, and advanced digital solutions for RIs (2023) | | | | | |
| 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 |
| Call - Next generation of scientific instrumentation, tools, methods, and advanced digital solutions for RIs (2024) | | | | | |
| 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

Contact

Tonnie Rijkers
 Gwendolynn Bos-Grootaers
 Jost de Bruin
 Michelle van Wijk
horizon.health@rvo.nl
www.rvo.nl/subsidies-financiering/horizon-europe/cluster-1

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

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: Cancer

Contact

Tonnie Rijkers
Gwendolynn Bos-Grootaers
horizon.health@rvo.nl



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

| 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 onvervulde 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

horizon.health@rvo.nl

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

horizon.health@rvo.nl

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

horizon.health@rvo.nl

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

horizon.health@rvo.nl



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.

Contact

horizon.health@rvo.nl



Partnerschappen Cluster 1: Health

| Topicnr | Topic naam | Projecttype | Budget totaal (M) | Budget per project (M) | Deadline | 2e stap |
|--|---|-------------|-------------------|------------------------|--------------|---------|
| 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 | |
| EDCTP3 | | | | | | |
| HORIZON-JU-GH-EDCTP3-2023-02-01-two-stage | Improving modes of delivery, deployment, and uptake of vaccines through phase IV/implementation research | RIA | 30 | 5 | 28/09/2023 | t.b.a. |
| GH-EDCTP3-2023-02-02-two-stage | Advancing point-of-care diagnostics to the market | RIA | 26 | 5 | 28/09/2023 | t.b.a. |
| EU4Health | | | | | | |
| CP-g-23-13 | To support access to medical devices for cross border health threats (HERA) | | | 1,75 | Q2 (15 juni) | |
| CR-g-23-19.01 | Action grants on mental health challenges for cancer patients and survivors Sub-topic (a): Mental health and Cancer | | | 8 | Q2 (15 juni) | |
| CR-g-23-19.02 | Action grants on mental health challenges for cancer patients and survivors Sub-topic (b): European Code for Mental Health | | | 2 | Q2 (15 juni) | |
| CR-g-23-44-01 | To support the implementation of the strategic agenda for medical ionising radiation applications (Samira action plan) – organisation of clinical audit campaigns as a tool to improve quality and safety of medical applications of ionisi | | | 1,5 | Q2 (15 juni) | |
| DP-g-23-31-02 | To support stakeholders on the prevention of NCDs in the area of chronic respiratory diseases | | | 1 | Q2 (15 juni) | |
| DP-g-23-32-02 | Call for proposals on the prevention of NCDs in the area of mental health including actions supporting vulnerable population groups, such as migrants, refugees, Roma people and displaced people from Ukraine | | | 2,36 | Q2 (15 juni) | |
| DP-g-23-33-02 | Call for proposals on prevention of NCDs in the area of dementia and other neurological disorders | | | 1 | Q2 (15 juni) | |
| HS-g-23-50.01 | Action grants on the safety and quality of new Substances of Human Origin (Breast milk, faecal microbiota transplants) (a) HS-g-23-50.01 Breast milk | | | 0,4 | Q2 (15 juni) | |
| HS-g-23-50.02 | Action grants on the safety and quality of new Substances of Human Origin (Breast milk, faecal microbiota transplants) (b) HS-g-23-50.02 Faecal microbiotic transplants | | | 0,4 | Q2 (15 juni) | |
| HS-g-23-51 | Action grants on Facilitating Organ Paired Exchange | | | 0,6 | Q2 (15 juni) | |
| HS-g-23-65 | Call for proposals for a program on orphan medical devices, in particular targeting paediatric patients | | | 0,5 | Q2 (15 juni) | |
| OA-g-23-89 | Action grants to contribute to the organisations of conference and events | | | 0,45 | Q2 (15 juni) | |



Cluster 2: Culture Creativity and Inclusive Society

Contact

Rong Zwemmer

rong.zwemmer@rvo.nl

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

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

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

Contact

Boy Dacier boy.dacier@rvo.nl
 Victor Hartong victor.hartong@rvo.nl
 Claire Selbeck claire.selbeck@rvo.nl
www.rvo.nl/subsidies-financiering/horizon-europe/cluster-3

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

| 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

Contact

Ruben Wassink ruben.wassink@rvo.nl
 Okke Scholten okke.scholten@rvo.nl
 Stijn Greben stijn.greben@rvo.nl
 Eddy Schippers eddy.schippers@rvo.nl
www.rvo.nl/subsidies-financiering/horizon-europe/cluster-4

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

| 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

Hans Bosch hans.bosch@rvo.nl
 Ahmet Polat ahmet.polat@rvo.nl
 John Heynen john.heynen@rvo.nl
www.rvo.nl/subsidies-financiering/horizon-europe/cluster-4

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

| 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

frank.winters@rvo.nl

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 |
|--|---|--|-------------|---------------|---------------|-------------------|------------------------|------------|
| 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

Raymond Sluiter (NSO)
Frank Winters



Cluster 5: Climate - Energy - Mobility

Contact

Laura Platenkamp

laura.platenkamp@rvo.nl

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

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

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 | 8 | 16 | 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 |
| HORIZON-CL5-2024-D2-01-05 | Furthering the development of a materials acceleration platform for sustainable batteries (combining AI, big data, autonomous synthesis robotics, high throughput testing) (Batt4EU Partnership) | RIA | 3-4 | 20 | 20 | 18/04/2024 |



Cluster 5: Climate - Energy - Mobility

| Topicnr | Topic naam | Projecttype | TRL bij einde | Budget totaal (M) | Budget per project (M) | Deadline |
|--|--|-------------|---------------|-------------------|------------------------|------------|
| 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 |
| 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 |



Missies Cluster 5: Climate

Contact

Laura Platenkamp
Alexander van Dorssen

laura.platenkamp@rvo.nl
alexander.vandorssen@rvo.nl



| 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

Contact

Achim Eberspächer achim.eberspaecher@rvo.nl
 Pieter Houttuin pieter.houttuin@rvo.nl
www.rvo.nl/subsidies-financiering/horizon-europe/cluster-5

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

| 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 |
| 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. | 71 | 71 | 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-D3-02-01 | 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-CL5-2023-D3-03-01 | Increasing the efficiency of innovative static energy conversion devices for electricity and heat/cold generation | RIA | 5-6 | 9 | 3 | 10/10/2023 |
| HORIZON-CL5-2023-D3-03-02 | Integration of renewable gases, other than hydrogen or methane, and which have not access to gas grids and interfacing with electricity and heat sectors | IA | 6-7 | 12 | 6 | 10/10/2023 |
| HORIZON-CL5-2023-D3-03-03 | System approach for grid planning and upgrade in support of a dominant electric mobility (vehicles and vessels) using AI tools | IA | 6-8 | 11 | 11 | 10/10/2023 |
| HORIZON-CL5-2023-D3-03-04 | Digital tools for enhancing the uptake of digital services in the energy market | IA | 6-7 | 11 | 3-4 | 10/10/2023 |
| HORIZON-CL5-2023-D3-03-05 | Creation of a standardised and open-source peer-to-peer energy sharing platform architecture for the energy sector | IA | 6-8 | 5 | 5 | 10/10/2023 |
| HORIZON-CL5-2023-D3-03-06 | Components and interfacing for AC & DC side protection system – AC & DC grid: components and systems for grid optimisation | IA | 6-8 | 10 | 5 | 10/10/2023 |



Cluster 5: Climate - Energy - Mobility

| Topicnr | Topic naam | Projecttype | TRL bij einde | Budget totaal (M) | Budget per project (M) | Deadline |
|---------------------------|---|-------------|---------------|-------------------|------------------------|------------|
| HORIZON-CL5-2023-D3-03-07 | Digital solutions for defining synergies in international renewable energy value chains | RIA | 5 | 6 | 3 | 10/10/2023 |
| HORIZON-CL5-2023-D3-03-08 | Support to the SET Plan IWG on hydrogen | CSA | n.v.t. | 0,6 | 0,6 | 10/10/2023 |
| 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 |
| 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 | 21/01/2025 |
| HORIZON-CL5-2024-D3-02-02 | Development of next generation synthetic renewable fuel technologies | RIA | 3-4 | 12 | 4 | 21/01/2025 |
| 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 | 21/01/2025 |
| HORIZON-CL5-2024-D3-02-04 | Critical technologies for the future ocean energy farms | RIA | 5 | 8 | 4 | 21/01/2025 |



Cluster 5: Climate - Energy - Mobility

| Topicnr | Topic naam | Projecttype | TRL bij einde | Budget totaal (M) | Budget per project (M) | Deadline |
|---|--|-------------|---------------|-------------------|------------------------|------------|
| HORIZON-CL5-2024-D3-02-05 | PV-integrated electric mobility applications | IA | 6-7 | 14 | 7 | 21/01/2025 |
| HORIZON-CL5-2024-D3-02-06 | Innovative, Community-Integrated PV systems | IA | 6-7 | 10 | 5 | 21/01/2025 |
| HORIZON-CL5-2024-D3-02-07 | Resource Efficiency of PV in Production, Use and Disposal | CSA | n.v.t. | 3 | 3 | 21/01/2025 |
| 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 | 21/01/2025 |
| HORIZON-CL5-2024-D3-02-09 | Demonstrations of innovative floating wind concepts | IA | 7-8 | 30 | 15 | 21/01/2025 |
| HORIZON-CL5-2024-D3-02-10 | Market Uptake Measures of renewable energy systems | CSA | n.v.t. | 8 | 2 | 21/01/2025 |
| HORIZON-CL5-2024-D3-02-11 | CCU for the production of fuels | IA | 6-7 | 15 | 7 | 21/01/2025 |
| HORIZON-CL5-2024-D3-02-12 | DACCS and BECCS for CO2 removal/negative emissions | IA | 6-7 | 15 | 5-7 | 21/01/2025 |
| 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 |



Cluster 5: Climate - Energy - Mobility

| Topicnr | Topic naam | Projecttype | TRL bij einde | Budget totaal (M) | Budget per project (M) | Deadline |
|---------------------------|---|-------------|---------------|-------------------|------------------------|------------|
| 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 | 21/01/2025 |
| HORIZON-CL5-2024-D4-02-02 | Robotics and other automated solutions for construction, renovation and maintenance in a sustainable built environment (Built4People Partnership) | RIA | 4-5 | 8 | 4 | 21/01/2025 |
| HORIZON-CL5-2024-D4-02-03 | BIM-based processes and digital twins for facilitating and optimising circular energy renovation (Built4People Partnership) | IA | 6-8 | 8 | 4 | 21/01/2025 |
| HORIZON-CL5-2024-D4-02-04 | Design for adaptability, re-use and deconstruction of buildings, in line with the principles of circular economy (Built4People Partnership) | RIA | 5-6 | 8 | 4 | 21/01/2025 |
| HORIZON-CL5-2024-D4-02-05 | Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership) | IA | 6-8 | 10 | 5 | 21/01/2025 |



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

Contact

Fatma Saçli

fatma.sacli@rvo.nl

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

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

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 | 21 | 3-5 | 18/04/2024 |
| HORIZON-CL5-2024-D5-01-09 | Aviation | Impact monitoring of EU Aviation R&I | RIA | n.a. | 3 | 3 | 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 disruptieve en nieuwe vliegtuigtechnologieën ter ondersteuning van de Europese Green Deal en klimaatneutraliteit 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

Contact

Fatma Saçli

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

Fatma Saçli



Partnerschappen Cluster 5: Mobility

Zero-emission Waterborne Transport Partnership



Doel

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

Website

Website Waterborne

Contact

Fatma Saçli

Zero-emission Road Transport Partnership



Doel

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

Website

Website zZero

Contact

Fatma Saçli



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

Contact

Saske Hoving saske.hoving@rvo.nl
 Suraj Jamge suraj.jamge@rvo.nl
 Alexander van Dorssen alexander.vandorssen@rvo.nl
 Algemeen horizon.cluster6@rvo.nl
www.rvo.nl/subsidies-financiering/horizon-europe/cluster-6

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

| 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 |
| <i>Call - Clean environment and zero pollution</i> | | | | | | | |
| 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 | |
| <i>Call - Clean environment and zero pollution</i> | | | | | | | |
| 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 | | | | | | | |
| <i>Call - Land, ocean and water for climate action</i> | | | | | | | |
| 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

Contact

Saske Hoving

Suraj Jamge

Alexander van Dorssen

saske.hoving@rvo.nl

suraj.jamge@rvo.nl

alexander.vandorssen@rvo.nl



| 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)



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

Saske Hoving
Suraj Jamge
Alexander van Dorssen



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

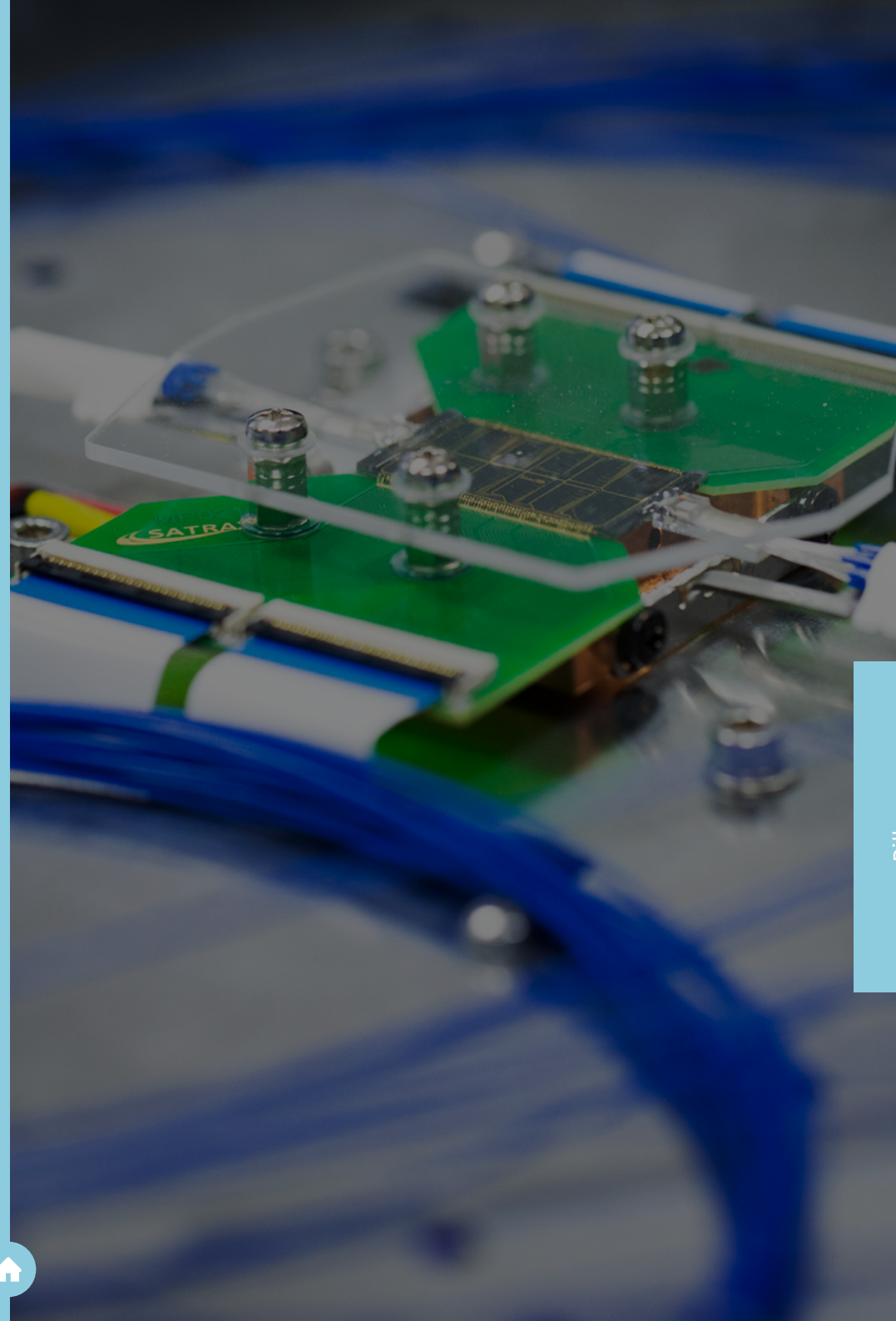
Partnership – Circular Bio-based Europe (CBE)

| 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)

Contact Pathfinder/ Transition

Ruben Wassink
ruben.wassink@rvo.nl
06-1188 8572


Okke Scholten
okke.scholten@rvo.nl
06-21110743

Jost de Bruin
Jost.deBruin@rvo.nl
06-1122 5753

Stijn Greben
stijn.greben@rvo.nl
06-1117 7486

Hans Bosch
hans.bosch@rvo.nl
06-1137 6100

www.rvo.nl/subsidies-financiering/horizon-europe/eic

Ga direct naar de calls
op de website van de EC 

| 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 | | | | | | |
| | | Architecture, Engineering and Construction | | | | | | |
| | | Precision nutrition | RIA/ 100% | 1 | 4 | 163.5 | 4 | 18/10/2023 |
| | | Responsible electronics | | | | | | |
| | | In-space solar energy harvesting | | | | | | |
| EIC Transition | Open | | | | | | | |
| | Challenge | Full scale Micro-Nano-Bio devices | RIA/ 100% | 3 | 6 | 60.5 | 0.5-2.5 | 12/04/2023 |
| | | Environmental intelligence | | | | | | 27/09/2023 |
| | | Chip-scale optical frequency combs | | | | | | |



European Innovation Council (EIC)

Contact Accelerator/ Transition

Marc Berntsen
marc.berntsen@rvo.nl
06-1146 3113


Jean-Luc Eggen
jeanluc.eggen@rvo.nl
06-1137 6500

Jonneke Leijsten
jonneke.leijsten@rvo.nl
06-1141 6540

Elke van de Graaf
elke.vandegraaf@rvo.nl
06-5044 7467

Jacqueline van der Linden
Jacqueline.vanderLinden@rvo.nl
06-2570 8262

www.rvo.nl/subsidies-financiering/horizon-europe/eic

Ga direct naar de calls
op de website van de EC 

| 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)

Contact

Teamiris@rvo.nl
Meer info EC website

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

Contact

Jelle Knop
jelle.knop@rvo.nl
06-1550 4279

Arnold Meijer
Arnold.Meijer@rvo.nl
06-4627 3471

Innowide



Doel

Het internationaliseren van innovatieve producten en diensten

Start 2022

EU Budget

3 mln

NL Bijdrage

Ja

Meer info

Eureka website

Contact

Bas Braakman
bas.braakman@rvo.nl
06-1150 5403





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 ((Widening/ERA) | 98 |
| Citizens, Equality, Rights and Values Programme (CERV) | 101 |
| Europees Defensie Fonds (EDF) | 102 |



Widening participation and strengthening the European Research Area (Widening/ERA)

Contact

Anna Goedhart
anna.goedhart@rvo.nl

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 (Widening/ERA)

| 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 (Widening/ERA)

| Topicnr | Topic naam | Projecttype | Budget totaal (M) | Budget per project (M) | Deadline | Deadline ze 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.

Contact

Rong Zwemmer
cerv@rvo.nl
www.rvo.nl/subsidies-financiering/cerv

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](#)

Victor Hartong
victor.hartong@rvo.nl
06-2181 3073

Boy Dacier
boy.dacier@rvo.nl
06-2191 6856

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

| Topicnr | Topic naam | Project type | Budget | Aantal projecten | Prioriteit Defensie? |
|---|--|--------------|------------|---|----------------------|
| Defence medical response, Chemical Biological Radiological Nuclear (CBRN), biotech and human factors (MCBRN) | | | | | |
| EDF-2023-DA-MCBRN-FCS | Federating CBRN systems | DA | 15 000 000 | 1 | Ja |
| EDF-2023-RA-SGA-MCBRN-MCM | defence medical countermeasures Alliance | RA | 1 300 000 | 1 | Ja |
| Information superiority (CSIR) | | | | | |
| EDF-2023-DA-C4ISR-LCOM | Laser communications | DA | 17 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Ja |
| EDF-2023-DA-C4ISR-TRPAS | Tactical RPAS | DA | 42 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Nee |
| EDF-2023-DA-C4ISR-DAA | Detect and avoid | DA | 40 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Nee |
| Advanced passive and active sensors (SENS) | | | | | |
| EDF-2023-RA-SENS-EMSP | Electromagnetic signal propagation | RA | 22 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Nee |
| EDF-2023-RA-SENS-OPTD | Optronics detector technologies | RA | 20 000 000 | Meerdere projecten | Nee |
| EDF-2023-DA-SENS-GRID | Sensor grid | DA | 27 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Ja |



Europees Defensie Fonds (EDF)

| Topicnr | Topic naam | Project type | Budget | Aantal projecten | Prioriteit Defensie? |
|---|---|--------------|-------------------------------------|---|----------------------|
| Cyber | | | | | |
| EDF-2023-RA-SI-CYBER-ASPT | Automation of security penetration tests | RA-SI | 14 000 000 | Meerdere projecten | Ja |
| EDF-2023-DA-CYBER-CSA | Cyber situational awareness | DA | 20 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Nee |
| EDF-2023-DA-CYBER-DAAI | Deployable autonomous AI Agent | DA | 26 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Nee |
| Space | | | | | |
| EDF-2023-RA-SPACE-PSA | Threat surveillance and protection of space-based assets | RA | 25 000 000 | Meerdere projecten | Ja |
| EDF-2023-DA-SPACE-SSA | Initial operational capacity for Space situational awareness C2 and sensors | DA | 100 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Nee |
| Digital transformation | | | | | |
| EDF-2023-RA-DIGIT-HAAI | Dedicated hardware architectures for energy-efficient AI | RA | 20 000 000 | Meerdere projecten | Ja |
| EDF-2023-LS-RA-CHALLENGE-DIGIT-HLTP | Agile and robust human language technologies for defence – Participation to a technological challenge | LS-RA | 18 000 000 (6 000 000 per proposal) | Meerdere projecten | Nee |
| EDF-2023-LS-RA-CHALLENGE-DIGIT-HLTO | Agile and robust human language technologies for defence – Organisation of a technological challenge | LS-RA | 7 000 000 | 1 | Nee |
| Energy resilience and environmental transition (ENERENV) | | | | | |
| EDF-2023-RA-SI-ENERENV-IPS | Innovative propulsion systems for defence applications | RA-SI | 25 000 000 | Meerdere projecten | Ja |
| Materials and components (MATCOMP) | | | | | |
| EDF-2023-RA-SI-MATCOMP-HPM | High-performance materials | RA-SI | 20 000 000 | Meerdere projecten | Ja |
| Air combat (AIR) | | | | | |
| EDF-2023-DA-AIR-STFS | Smart technologies for next generation fighter systems | DA | 30 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Nee |
| EDF-2023-DA-AIR-SPS | Self-protection systems | DA | 33 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Nee |



Europees Defensie Fonds (EDF)

| Topicnr | Topic naam | Project type | Budget | Aantal projecten | Prioriteit Defensie? |
|--|---|--------------|---|---|----------------------|
| Air and missile defence (AIRDEF) | | | | | |
| EDF-2023-DA-AIRDEF-CUAS | Counter-UAS capabilities | DA | 43 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Ja |
| Ground combat (GROUND) | | | | | |
| EDF-2023-DA-GROUND-MBT | Main battle tank platform systems | DA | 20 000 000 | Meerdere | Ja |
| EDF-2023-DA-GROUND-IFS | Long-range indirect fire support capabilities for precision and high efficiency strikes | DA | 27 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Nee |
| Force protection and mobility (PROTMOB) | | | | | |
| EDF-2023-RA-PROTMOB-DEXPLO | Demonstrators and technologies to defeat Unexploded Explosives Ordnances (UXO) and Improvised Explosive Devices (IED) | RA | 25 000 000 | Meerdere projecten | Ja |
| EDF-2023-RA-PROTMOB-SATOC | Strategic air transportation of outsized cargo | RA | 20 000 000 | Meerdere projecten | Ja |
| Naval combat (NAVAL) | | | | | |
| EDF-2023-DA (onder indirect management) | | | | | |
| Underwater warfare (UWW) | | | | | |
| EDF-2023-DA-UWW-ASW | Unmanned anti-submarine and seabed warfare | DA | 45 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Ja |
| EDF-2023-DA-UWW-MCMC | Mine counter-measures capabilities | DA | 45 000 000 | 1 (Meer dan 1 project mogelijk afhankelijk van kwaliteit en beschikbaar budget) | Ja |
| Simulation and training (SIMTRAIN) | | | | | |
| Geen calls in 2023 | | | | | |
| Disruptive technologies (DIS) | | | | | |
| EDF-2023-RA-DIS-LDEW | Laser-based directed energy weapons | RA-DIS | 25 000 000 | Meerdere projecten | Ja |
| EDF-2023-LS-RA-DIS-NT | Non-thematic research actions targeting disruptive technologies for defence | RA-DIS | 16 000 000 (Niet meer dan 4 000 000 per proposal) | Meerdere projecten | Ja |



Europees Defensie Fonds (EDF)

| Topicnr | Topic naam | Project type | Budget | Aantal projecten | Prioriteit Defensie? |
|--|---|--------------|---|--------------------|----------------------|
| EDF-2023-LS-RA-SMERO: Call for proposals dedicated to SMEs and research organisations | | | | | |
| EDF-2023-LS-RA-SMERO-NT | Non-thematic research actions by SMEs and research organisations | LS-RA | 36 000 000 (Niet meer dan 4 000 000 per proposal) | Meerdere projecten | Ja |
| EDF-2023-LS-DA-SME-NT | Non-thematic development actions by SMEs | LS-DA | 36 000 000 (Niet meer dan 6 000 000 per proposal) | Meerdere projecten | Ja |
| Actions implemented under indirect management | | | | | |
| EDF-2023-DA-MATCOMP-MJR-CBDIN | Technologies and processes for maintenance, joining and repair through an innovation test hub | DA | 31 050 000 | 1 | Ja |
| EDF-2023-DA-NAVAL-MMPC | Modular and multirole patrol corvette | DA | 156 500 000 | 1 | Nee |
| EDF-2023-DA-DS-AIRDEF-EATMI | Endo-atmospheric interceptor – concept phase | DA | 81 500 000 | 1 | n.v.t. |



Contact

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.

Dit is een publicatie van:
Rijksdienst voor Ondernemend Nederland Prinses Beatrixlaan 2 | 2595 AL Den Haag
Postbus 93144 | 2509 AC Den Haag
T +31 (0) 88 042 42 10
E Teamiris@rvo.nl
www.rvo.nl/Horizon-Europe

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

De Rijksdienst voor Ondernemend Nederland (RVO.nl) stimuleert duurzaam, agrarisch, innovatief en internationaal ondernemen. Met subsidies, het vinden van zakenpartners, kennis en het voldoen aan wet- en regelgeving. RVO.nl werkt in opdracht van ministeries en de Europese Unie.

RVO.nl is een onderdeel van het ministerie van Economische Zaken en Klimaat.

