



Rijksdienst voor Ondernemend
Nederland

Opportunities for International Collaboration

How to build innovative eco-systems?

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Prodrive Technologies, Son

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Technology-driven innovations

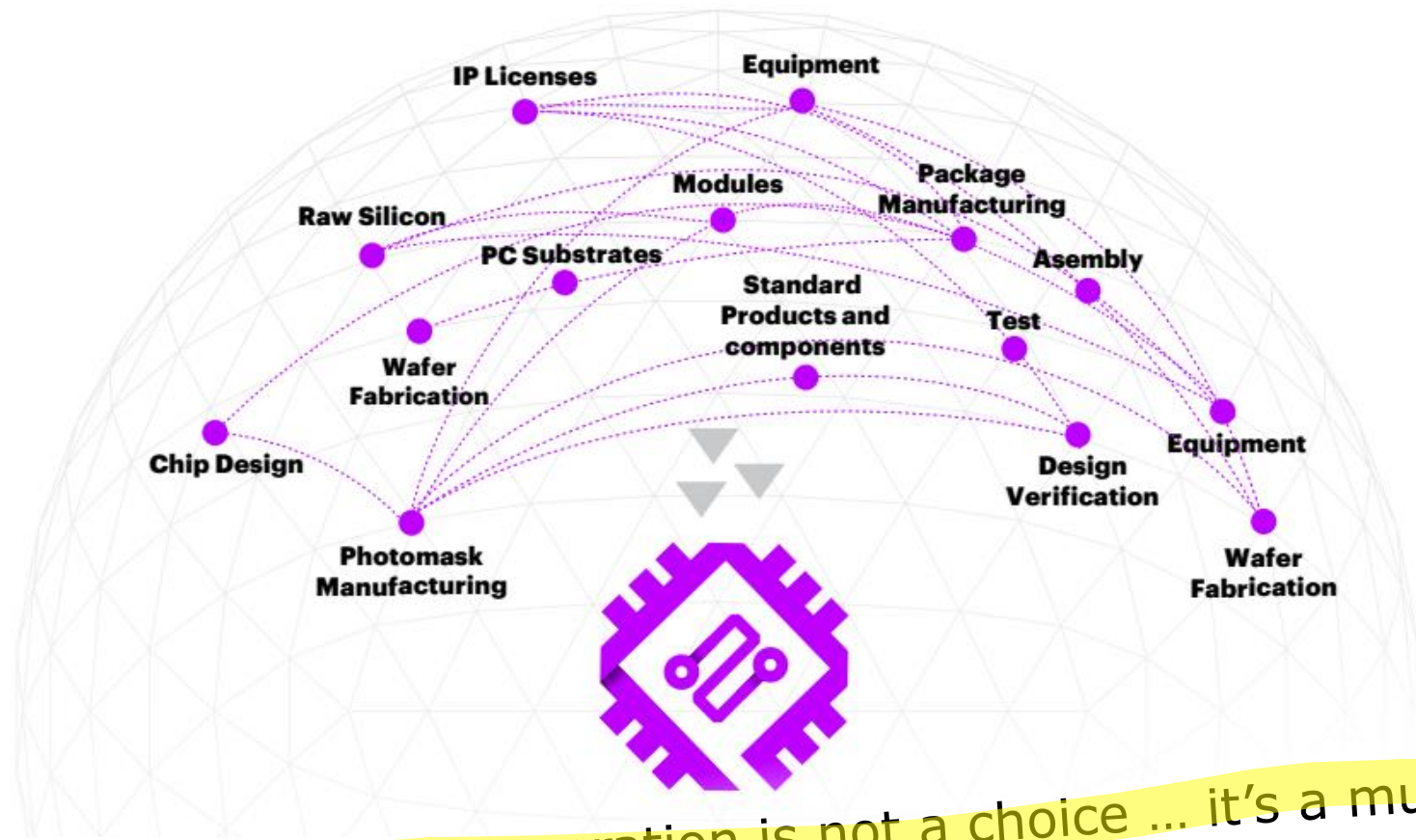
Key enablers for transition, prosperity and well-being

1. Benadruk de **kansen die technologie en innovatie** bieden voor het aanpakken van onze maatschappelijke uitdagingen
2. Bevorder systeemdenken en een **multidisciplinaire aanpak** voor het vinden van duurzame oplossingen voor complexe vraagstukken
3. Stimuleer regionale **innovatie-ecosystemen** waarin **bedrijven, kennisinstellingen, overheid, en burgers** intensief samenwerken
4. Promoot **internationale samenwerking** en onderschrijf het belang van de export van excellente technologie voor ons verdienvermogen
5. Ga door met **buitenlands talent** aantrekken en zorg dat dit talent hier blijft om onze innovatiekracht te versterken
6. Ontwikkel een nieuw **meerjarenplan** voor investeringen in **publiek-private samenwerking** en bevorder een **startup-ecosysteem** van wereldklasse





Components for a chip could travel more than 25,000 miles and cross 70 borders before completion



International cooperation is not a choice ... it's a must!





The need for cross-border collaboration

The HTSM ecosystem in the Netherlands employs about 500,000 people from 143 different nationalities


Generating € 70 billion in exports

Holland High Tech top sector is one of the largest exporters of knowledge and goods

Source: <https://hollandhightech.nl/en/how-we-help/internationalisation>

//nos.nl/artikel/2509749-export-machines-levert-nederlandse-economie-het-meest-op

NOS Nieuws Sport Live Programma's



NOS Nieuws • Gisteren, 00:14

Export machines levert Nederlandse economie het meest op

Machines en machineonderdelen zijn Nederlands meest lucratieve exportproduct. Uit cijfers van het [Centraal Bureau voor de Statistiek](#) over 2022 blijkt dat de verkoop ervan in dat jaar 25,5 miljard euro opleverde voor de Nederlandse economie. Dat is meer dan twee keer zo veel als het op een na lucratiefste exportproduct, aardgas.



Rijksdienst voor Ondernemend
Nederland

Innovation beyond borders

How the Netherlands
Enterprise Agency helps you to
invest in, develop and expand
your organisation in the
Netherlands and abroad?



Joining the international innovation eco-system

The Netherlands Enterprise Agency helps you to invest in, develop and expand your organisation in the Netherlands and abroad





The funding landscape for hightech innovation

NATIONAL

CROSS BORDER COLLABORATION



National

Global

Chips JU

Horizon Europe



industry-led international communities focused on strategic technology areas that aim to meet market needs and solve economic, technological and societal challenges

has the objective of supporting technological capacity building and innovation in the Union by bridging the gap between the Union's advanced research and innovation capabilities and their industrial exploitation



NATIONAL FUNDING

EUROPEAN FUNDING

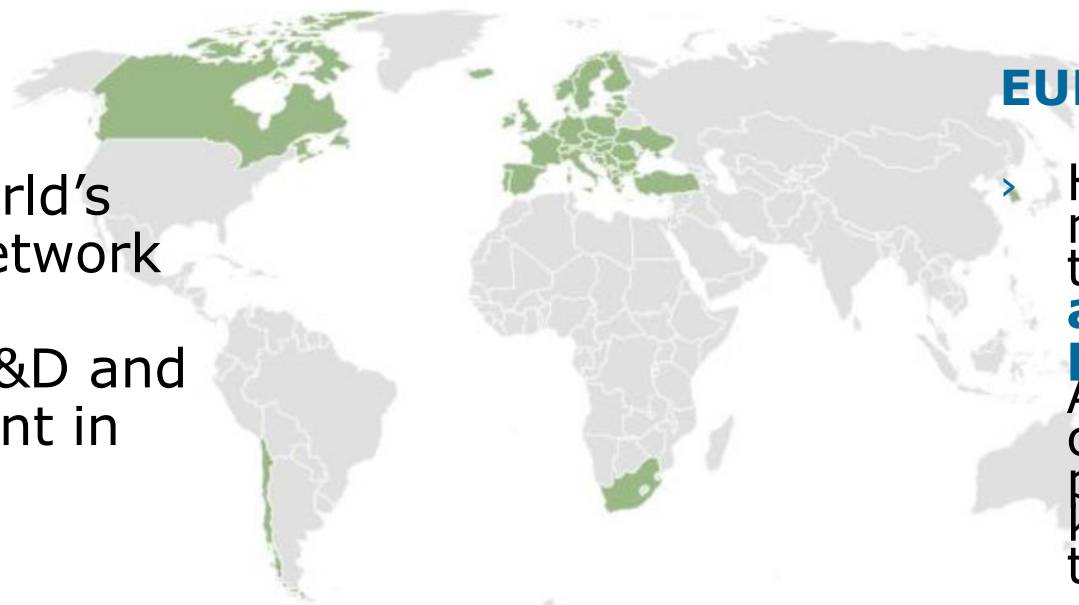


Fostering International Cooperation in R&D and Innovation Collaboration

EUREKA

- > Eureka is the world's biggest public network for international cooperation in R&D and innovation present in **47 countries**
- > Trans-national programmes following **national priorities**

Annual budget
€ 20 mio (for the clusters)



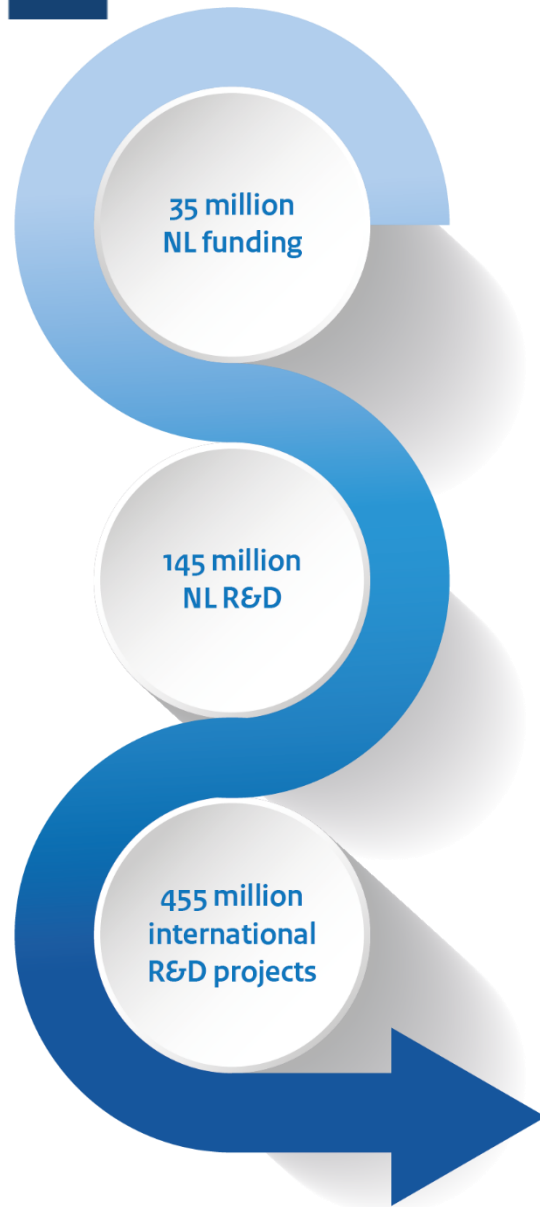
EUROPEAN (CHIPS JU)

- > Horizon Europe is the most open and by far the **largest research and innovation programme** globally. Association of non-EU countries to the programme is one of the key vehicles to ensure this openness.
- > Innovation programmes following **European Strategy**

Annual budget
€ 70 mio (for the Chips JU)



Collaborative innovation is a great multiplier



National collaboration

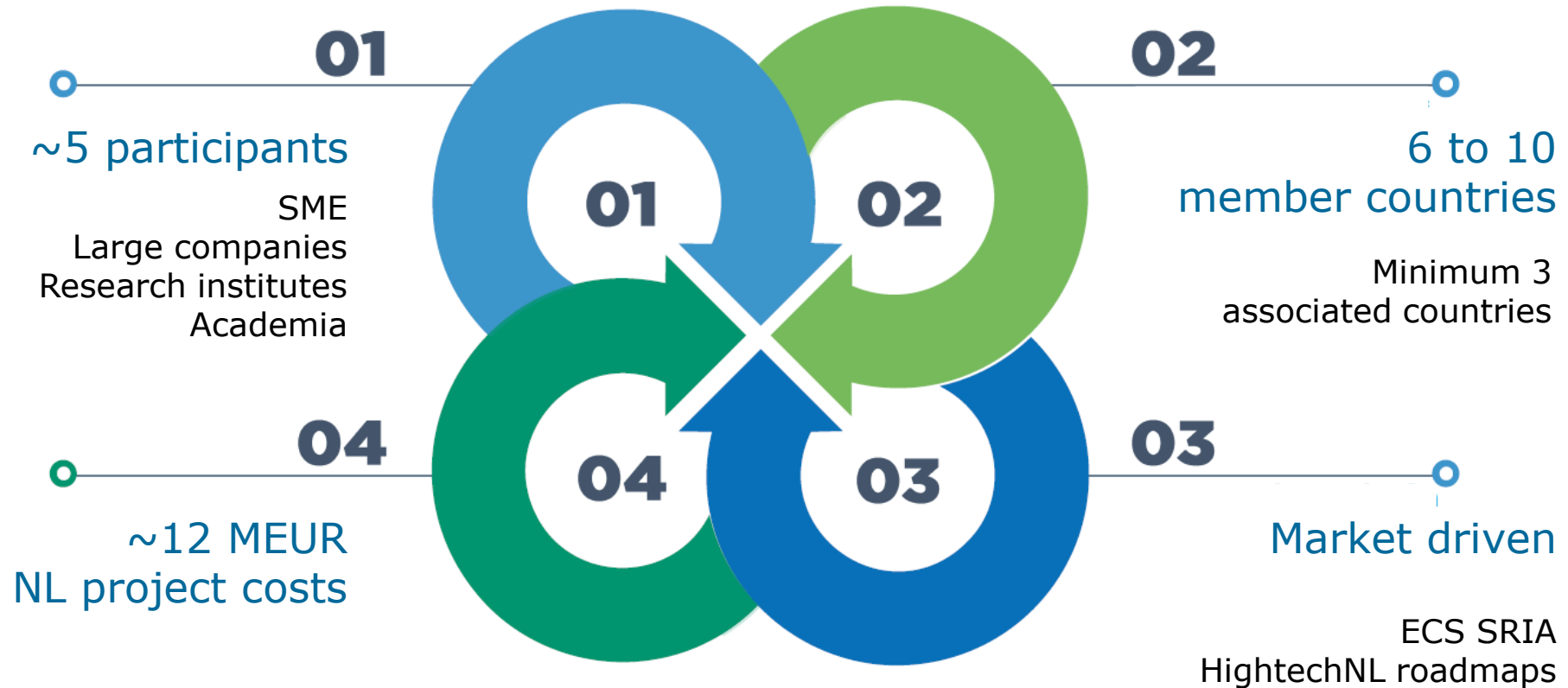
- 62 participants
- 12 projects
- 42 companies (22 SME and high-tech scale ups)

International collaboration

- 390 participants
- 23 countries



A typical Dutch Chips JU consortium





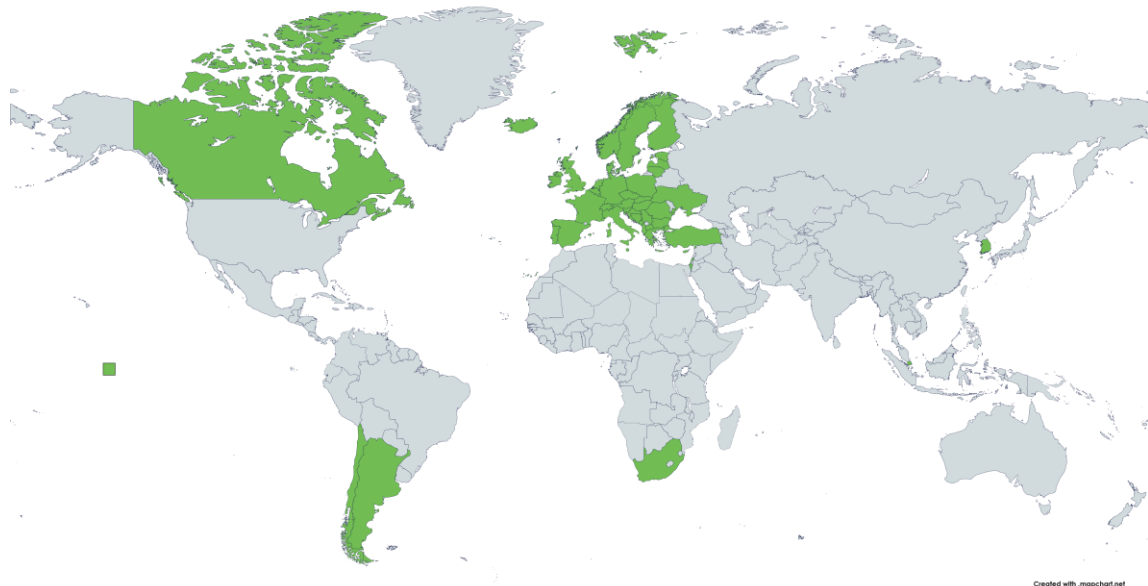
The Netherlands as part of the largest, global innovation network

- 1** Clusters **20 MEUR**
Industry-driven programmes with thematic communities of experts.
- 2** Eurostars **22 MEUR**
Innovative SMEs lead international project consortia and receive national and EU funding to realise their innovation.
- 3** Globalstars **2 MEUR**
Calls for R&D projects with partners in a specific country outside the Eureka network.
- 4** Network projects **1,5 MEUR**
A flexible programme for R&D projects with any technological focus.
- 5** Innnowide **4,2 MEUR**
Receive a grant to assess the viability of research or commercial ambitions in international target markets.



The Eureka network

**BIGGEST PUBLIC NETWORK FOR
INTERNATIONAL RD&I
COLLABORATION**



EUREKA CLUSTERS

- > Industry-driven thematic RD&I programmes supported by Public Authorities
- > Covering the full value chain to create innovative solutions
- > Helping SMEs to scale up in consortia with large industry
- > Open to global cooperation
- > Bottom-up
- > Market-oriented



Fostering ICT + ECS innovation in the Netherlands

FUNDING OUTLOOK

- > SMEs, large companies and RTOs/academia are eligible for funding
- > Budget limit per call: € 10 mio (Max € 4 mio per consortium)
- > Balanced distribution of project costs across countries (<70% in one country)
- > Funding criteria: innovation, collaboration & impact

SUBSIDY PERCENTAGES

activities	research	development
SME	45%	35%
Industry	35%	25%
Academia/RTO	50%	25%

- > More information: [Information Technology for European Advancement \(ITEA4\) \(rvo.nl\)](http://rvo.nl)



Dutch priorities

HOLLAND HIGH TECH INNOVATION THAT WORKS

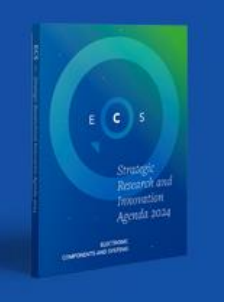
- > The Eureka Clusters are strategically important aspect of the innovation contract of the Dutch government with the top sector High Tech Systems and Materials (HTSM)
- > The objectives of the Dutch consortium fit within the innovation contract High Tech Systems & Materials and its subsequent roadmaps

TOP SECTOR HTSM

Advanced Instrumentation >	Aeronautics >	Automotive >
Electronics >	Healthcare Technology >	High Tech Materials >
Lighting >	Nanotechnology >	Photonics >
Printing >	Security Technology >	Semiconductor Equipment >
Smart Industry >	Space >	Systems Engineering >

<https://hollandhightech.nl/en/innovation/technologies>







ECS-SRIA

ECS-SRIA is the basis for Chips JU and Xecs calls. It supports the ECS community to align innovation needs to support all major challenges within various application domains



The draft version of the 2024 edition is available for download [here](#).



	ITEA	Xecs
Project definition		
<ul style="list-style-type: none"> Join online community to find partners or pitch your ideas Join matchmaking events Etc. 		
Submit a Project Outline (PO)	13 November 2023	18 January 2024
<ul style="list-style-type: none"> Short project overview: project goals, innovation, targeted business impact and consortium Project Outlines which are positively evaluated are invited for the second step 		
Submit a Full Project Proposal (FPP)	19 February 2024	18 April 2024
<ul style="list-style-type: none"> Description of project plan, management and execution Approved FPPs will receive the Eureka label 	<div style="background-color: #4a86e8; color: white; padding: 10px; border-radius: 10px; display: inline-block;"> After receiving the Eureka label, every consortium can apply for national funding </div>	
National application	1 – 22 April 2024	
<ul style="list-style-type: none"> Project plan Eureka cluster innovation project National budget International Innovation Registration form of all participants FPP 		

Would you like to join? Let me know



How to join the community



itea4.org/user/register.html



ecscollaborationtool.eu/



hollandhightech.nl/en/innovation/technologies



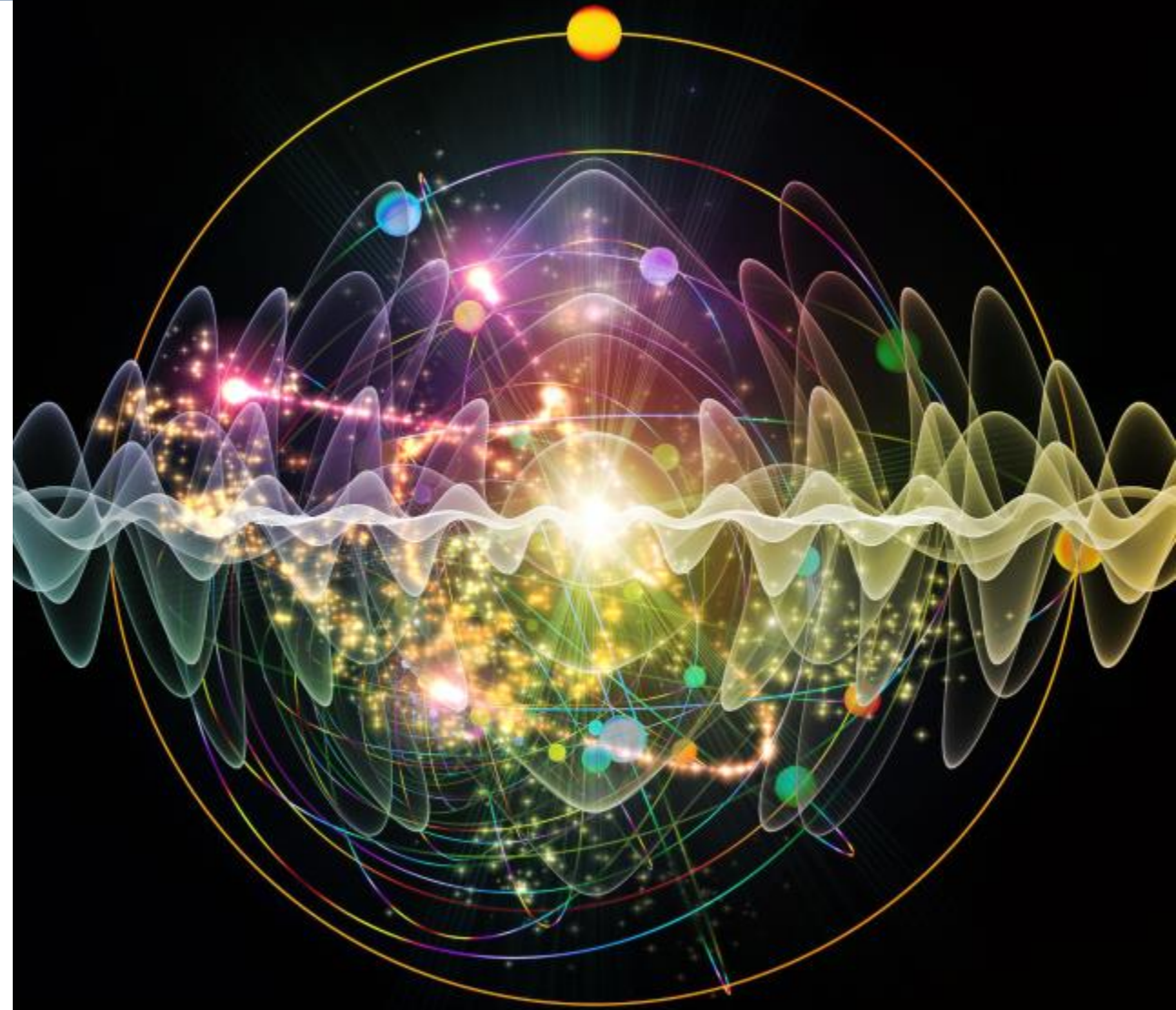
Network projects

The Network projects programme eases collaboration between organisations in Eureka countries offering you the freedom to design your project proposal and build your ideal consortium. With limited eligibility criteria and minimal paperwork, taking part accelerates your access to public funding.



Call for proposals on applied quantum technologies

- > 16 participating countries
- > Call deadline: 9 May 2024
- > 1.5 mio EUR funding from Quantum Delta NL (for Dutch consortium)
- > Objective: Support organisations as they develop quantum technologies that outperform or accelerate existing technologies and contribute to solving problems relevant to industry, science and society.
- > eurekanetwork.org/open-calls/network-projects-quantum-call-2024





Explore new markets through international R&D

FUNDING OUTLOOK NETWORK PROJECTS APPLIED QUANTUM TECHNOLOGIES

- > SMEs, large companies and RTOs/academia are eligible for funding
- > Budget limit per call: € 1,500,000
- > Maximum national funding for Dutch consortium: € 400,000
- > For profit company in the lead
- > Funding criteria: innovation, collaboration & impact

FUNDING RATES

activities	R&D	Dev
SME	45%	35%
Industry	35%	25%
RTO	50%	25%

More information:

[GlobalStars - Stimuleren marktgerichte R&D met partners buiten Europa \(rvo.nl\)](https://www.rvo.nl/en/globalstars)



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Globalstars

In recent years, we have seen successful partnerships between Eureka countries and Taiwanese, Indian, Japanese and Brazilian organisations. With our network already extending far beyond European borders, Globalstars unlocks the possibility of creating or joining a consortium with partners from anywhere in the world.



Globalstars

- > Explore new markets through international R&D
- > A funding programme with calls for projects with countries outside of the Eureka network
- > You can benefit from collaboration with organisations working in a range of leading and emerging markets

CALL FOR PROJECTS

- > [Japan](#) (closed)
- > [Taiwan](#)



Globalstars call for projects with Taiwan

- > Call deadline: 21 May
- > Funding € 925,000
- > High technologies, such as (but not limited to):
 - Semiconductors and photonics (integrated circuits)
 - Digital health / biotechnology
 - Telecommunication (5G, 6G)
 - Advanced manufacturing
- > Sustainability, such as (but not limited to):
 - Mobility
 - Circular economy, including carbon circulation, industrial processes circulation
- > [Eureka | globalstars-taiwan-2024 \(eureka-network.org\)](https://eureka-network.org/globalstars-taiwan-2024)





Explore new markets through international R&D

FUNDING OUTLOOK GLOBALSTARS CALL WITH TAIWAN

- > SMEs, large companies and RTOs/academia are eligible for funding
- > Budget limit per call: € 925,000
- > Maximum national funding for Dutch consortium: € 350,000
- > Funding criteria: innovation, collaboration & impact

FUNDING RATES

activities	R&D	Dev
SME	45%	35%
Industry	35%	25%
RTO	50%	25%

More information:

[GlobalStars - Stimuleren marktgerichte R&D met partners buiten Europa \(rvo.nl\)](https://www.rvo.nl/en/globalstars)



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Chips for Europe Initiative



Chips JU Calls 2024

Action	Title	JU Funding (M€)
HORIZON-Chips 2024-1-IA-T1	Global IA call according to SRIA 2024	103
HORIZON-Chips 2024-1-IA-T2	Focus topic on "High Performance RISC-V Automotive Processors supporting SDV"	20
HORIZON-Chips 2024-1-IA-T3	Focus topic on "Service Oriented Framework for the Software Defined Vehicle of the future"	20
HORIZON-Chips 2024-2-RIA-T1	Global RIA call according to SRIA 2024	52
HORIZON-Chips 2024-2-RIA-T2	Focus topic on "Sustainable and greener manufacturing"	15
HORIZON-Chips 2024-3-RIA	Joint call with Korea on Heterogeneous integration and neuromorphic computing technologies for future semiconductor components and systems	6
Total JU Funding		216



Fostering ECS innovation in the Netherlands

FUNDING OUTLOOK

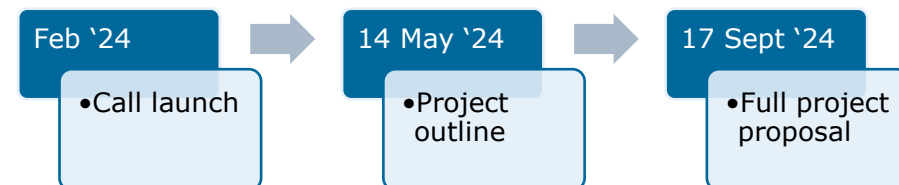
- > SMEs, large companies and RTOs/academia are eligible for funding
- > Budget limit per call: € 30 mio + € 30 mio from EC
- > Maximum national funding for Dutch consortium
 - IA projects: € 10 mio
 - RIA project: € 5 mio
- > Funding criteria: innovation, collaboration & impact
- > Topics aligned with Strategic Research & Innovation Agenda & HTSM roadmap

FUNDING RATES

activities	NL	EU
SME	30%	35%
Industry	20%	20%
Academia/RTO	25%	35%

- > More information:
<https://www.rvo.nl/subsidies-financiering/chips-ju>

CALL TIMELINE



Eurostars

Ready for Take off

4 april 2024 📍 ARTIS Amsterdam



Rijksdienst voor Ondernemend
Nederland



- International matchmaking
- Pitch your project
- Thematic sessions
- Success stories
- Best practices
- Meet with VCs



Home - Eurostars 2024



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CONTACT



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innoveren](https://rvo.nl/onderwerpen/internationaal-innoveren)



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