



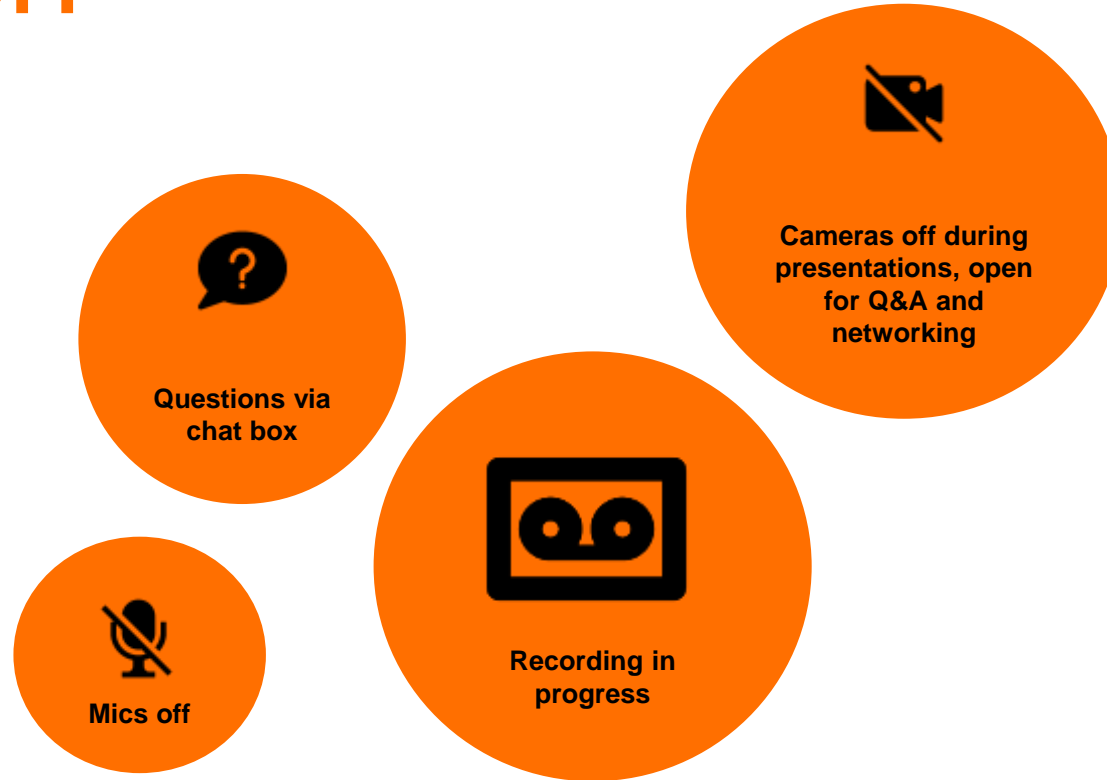
Netherlands

# Matchmaking mission Netherlands - Poland

## Water Financing opportunities



# Help us make it a smooth session



# Water Financing opportunities

- 11:00 Opening and introduction
- 11:00 General introduction Horizon Europe
- 11:10 Presentation water opportunities under Horizon Europe
- 11.20 Q&A
- 11.25 Presentation water related opportunities under LIFE
- 11.40 Q&A



Rijksdienst voor Ondernemend  
Nederland



# HORIZON EUROPE

Investing in  
**OUR FUTURE** together

#HorizonEU

EUROPEAN UNION





# Water Financing Opportunities

General Introduction  
21 June 2021

*Netherlands Enterprise Agency (RVO)  
Alexander van Dorssen  
Advisor International Innovation Water, Climate & Circular  
Economy*



EUROPEAN UNION

**#HorizonEU**

**HORIZON  
EUROPE**



# Horizon 2020

2014-2020

**€ 70 billion**



# Horizon Europe

2021-2027

**€ 95 billion**



# Why get involved in Horizon Europe?

- Access to knowledge
- Access to new markets, clients
- Visibility
- Funding for systemic innovation; value chain co-operation
- Open to all types of participants (including SME's)
- Funding (70/100% depending on project type)





# HORIZON EUROPE

## Excellent Science



Research  
Infrastructures

## Global Challenges

- Health
- Culture, Creativity and Inclusive Society
- **Civil Security for Society**
- Digital, Industry, Space
- **Climate, Energy, Mobility**
- **Food, Bioeconomy, Natural Resources, Agriculture and Environment**

Joint Research  
Centre

## Innovative Europe



European Innovation  
Ecosystems



Widening participation & ERA



## Pillar 2: Global Challenges: Collaboration projects

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry, Space
- **Climate, Energy, Mobility**
- **Food, Bioeconomy, Natural Resources, Agriculture and Environment**

Joint Research  
Centre

- > 'Top down' topics: what is your solution to the problem?
- > Co-operation: companies, knowledge institutes, universities, governmental and non-profit organisations
- > Innovation Actions, Research and Innovation Actions, Coordination and Support Actions
- > 70-100% funding rate (exceptions for specific cases)
- > Technological/Societal Readiness Level ca. 4 to 7



# Proposal application template



## Part A

Through online submission system

- 1 General information, including abstract
- 2 Participants
- 3 Budget for the proposal
- 4 Ethics and Security



## Part B

Proposal plan, to be uploaded as PDF (max **45** pages)

- 1 Excellence
- 2 Impact
- 3 Quality and efficiency of the implementation





# Example: Horizon 2020 water funded project

## PROJECT DESCRIPTION

### BRIGAD

Bridge the gap between innovators and end-users in resilience to floods, droughts and extreme weather. Innovations (for climate adaptation) that are technically stronger, more socially acceptable, and more attractive to investors.

## KEY INFORMATION

Duration	May 2016 – Sep 2020
EU contribution	€ 7 739 806
Project type	Innovation Action
Consortium	25 partners
 partners	TU Delft (coordinator), HKV Lijn in Water, The Funding Company
 partners	Bureau Veritas Polska





## Horizon Europe Support RVO

- Idea check
- Partner search
- Proposal proofreading
- Financial & legal advice
- Training
- Liaison role (NL – European Commission)

**Water, Climate, Environment:**

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[Alexander.vanDorssen@rvo.nl](mailto:Alexander.vanDorssen@rvo.nl)

[www.rvo.nl/horizon-europe](http://www.rvo.nl/horizon-europe)



EUROPEAN UNION

**#HorizonEU**

**HORIZON  
EUROPE**



The National Centre  
for Research and Development

# Water opportunities in Horizon Europe Programme

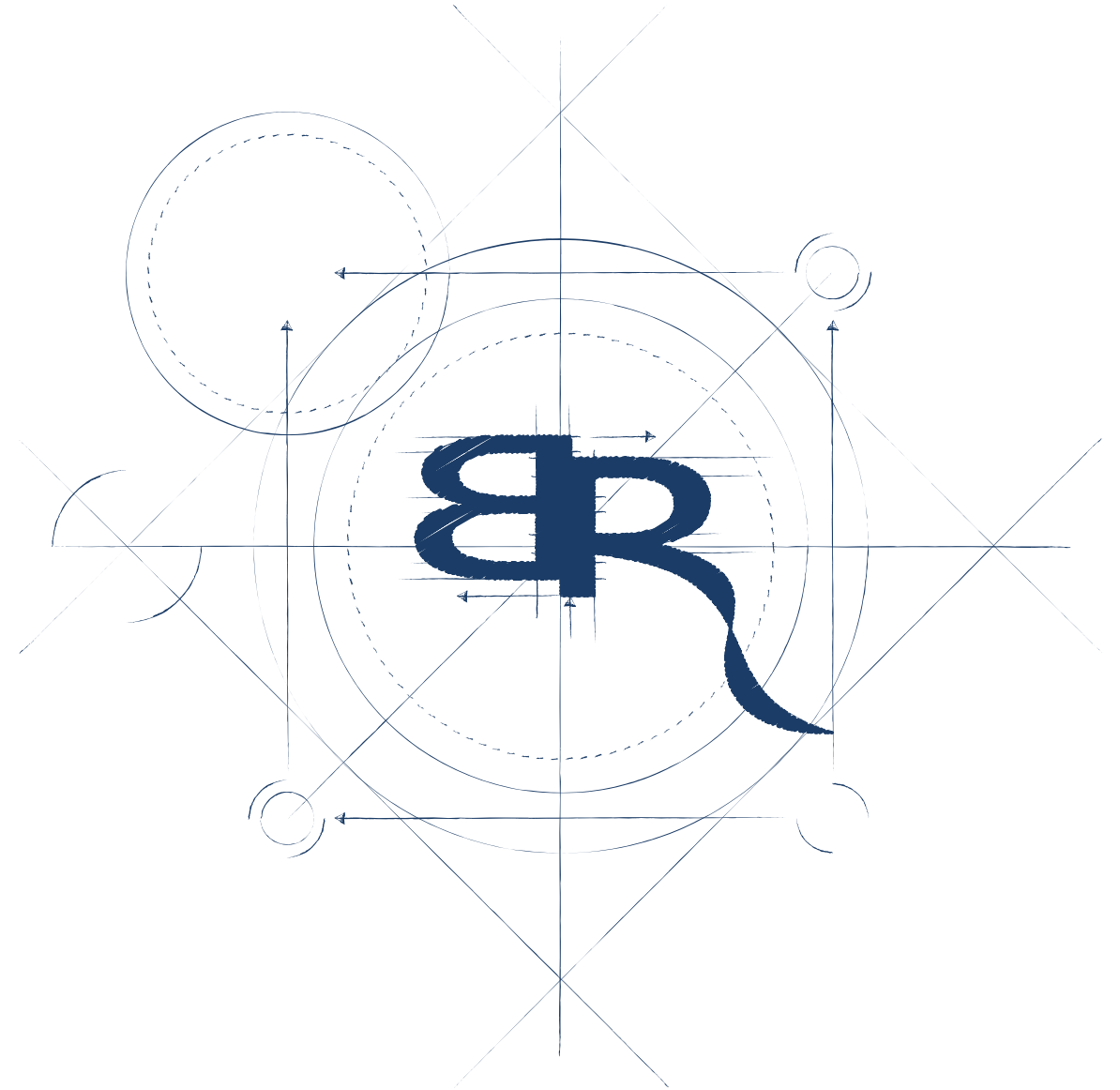
dr. Magdalena Głogowska  
National Centre for Research and Development  
National Contact Point for Horizon Europe

Warsaw | 21.06.2021 r.

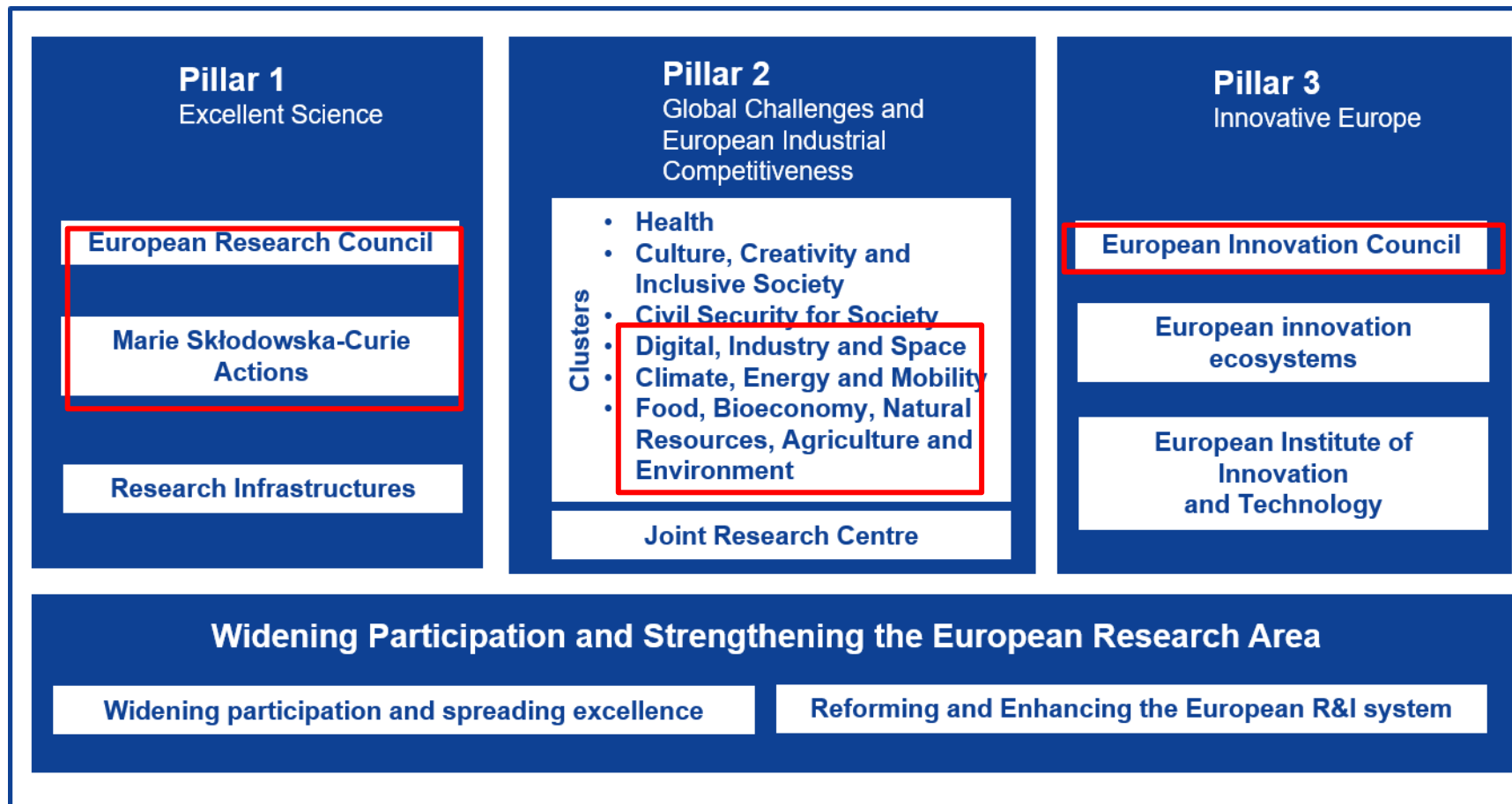


## Who are we?

- **executive agency** of the Ministry of Education and Science
- brings together **the world of science and business through co-financing of R&D projects**
- Financial support for innovative ideas of entrepreneurs and scientists
- **National Contact Point for Horizon Europe**
- **Intermediate Institution** in the Operational Programmes: Smart Growth and Knowledge Education Development



# Where to find water opportunities in Horizon Europe?



## **HORIZON-CL6-2021-BIODIV-01-09:** Assessing and consolidating recent scientific advances on freshwater ecosystem restoration

- Support public authorities and other organisations engaged in **ecosystem restoration** to implement and prioritise innovative restoration approaches;
- Increase evidence of the potential of innovative restoration approaches to halt biodiversity loss and contribute to carbon storage in sediments and soils;
- Build the **foundations for large scale restoration projects** and related investments.

Project type: **Coordination and Support Actions (CSA)**;

Budget: **€0,5 mln | €0,5 mln**;

## **HORIZON-CL6-2021-ZEROPOLLUTION-01-03:** Preventing and managing diffuse pollution in urban water runoff

- Wider use of an **enhanced knowledge base** required to **assess and monitor** pollution sources, transport pathways and impacts of diffuse pollution conveyed to receiving water bodies by **urban water runoff and storm water overflows**;
- Implement advanced **preventive and mitigating strategies** to reduce diffuse pollution of urban waters based on source control measures and storm water management that also consider climate change impacts;
- Apply **effective risk assessment and risk management** strategies enabling early warning systems and delivering ready-made outputs for decision-making and governance in urban areas;
- **Deploy innovative concepts**, cost effective technologies and advanced sensors and monitoring approaches for sustainable waste water collection and urban drainage systems preventing pollution due to urban run-off

Project type: **Research and Innovation Actions (RIA)**;

Budget: **€10 mln | €2-4 mln**;

## **HORIZON-CL6-2021-CLIMATE-01-01:** Improved understanding, observation and monitoring of water resources availability.

- Enhanced knowledge base regarding **water related climate change impacts, vulnerability, risk** and adaptation assessments in Europe and abroad;
- Provide a more **complete picture of future water vulnerabilities**, including both water quantity and quality aspects, by better considering the interactions among adaptations to water scarcity; climate change and variability, land surface and groundwater hydrology, water engineering, and human systems, including societal
- **Support decision makers** defining the safe operating space in terms of water quantity and availability;
- Improve Member States' **preparedness for climate change impacts** with respect **to floods and droughts** and support more accurate decision making for flood and drought risk reduction and response.

Project type: **Research and Innovation Actions (RIA)**;

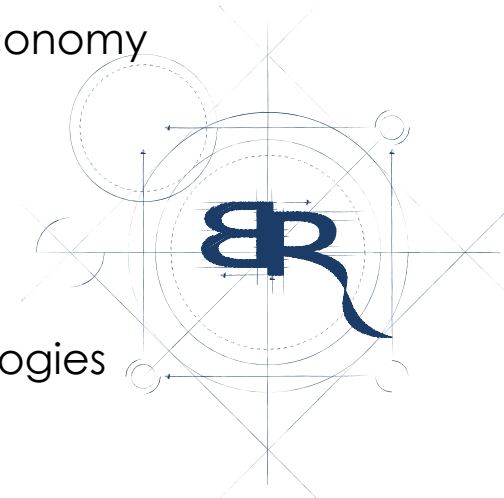
Budget: **€10 mln | €3-5 mln**;

# Horizon Europe Partnerships

## PREPARATION FOR THE LAUNCH AND PARTNERSHIP OF THE POLISH PARTY IN 9 PARTNERSHIPS WITHIN THE HORIZON EUROPE



- European Partnership - ERA for Health
- European Partnership on Transforming Health and Care Systems
- European Partnership – Driving urban transitions to a sustainable future
- European Partnership for Clean Energy Transition
- European Partnership for Sustainable Blue Economy
- **European Partnership Water4All**
- European Partnership for Innovative SMEs
- European Partnership for High Performance Computing
- European Partnership for Key Digital Technologies



# Do you have innovative idea?



Think if you have idea for R&D project



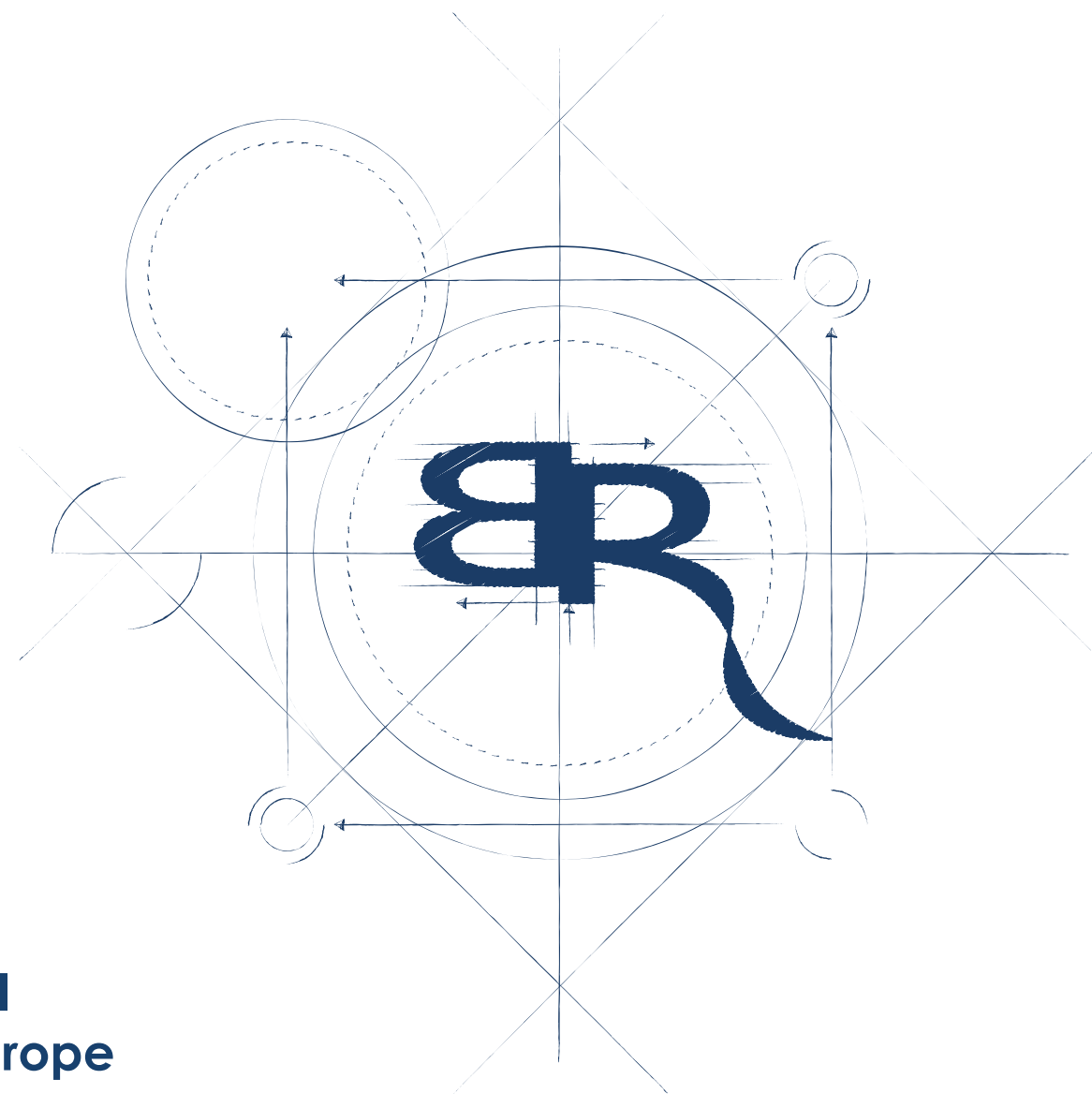
See [the lists of projects](#), which have been already granted financial aid



Read **the documentation: [HEU Work Programmes](#)**



**Get in touch with a National Contact Point for Horizon Europe in your country**



Info Day: 07-08.07.2021



<https://www.horizon-europe-infodays2021.eu/>

## Cluster 6 - Food, Bioeconomy, Natural Resources, Agriculture & Environment

📅 07/07/2021 - 08/07/2021

More information to follow >

## Brokerage Event: 09.07.2021

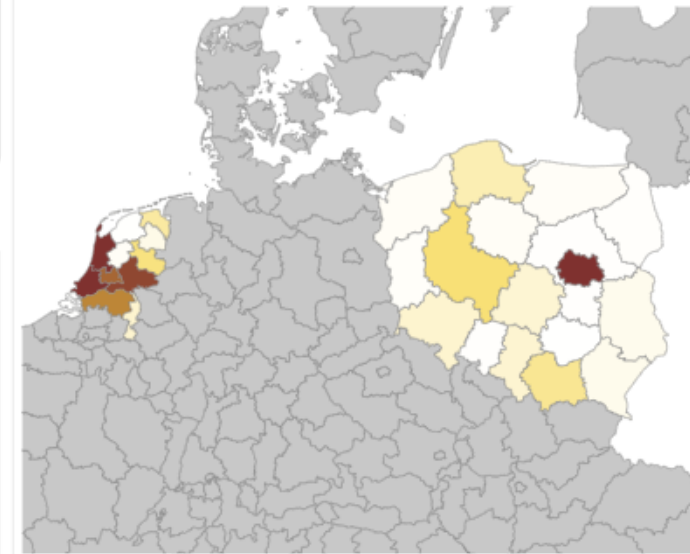


<https://he-cluster6.b2match.io/>

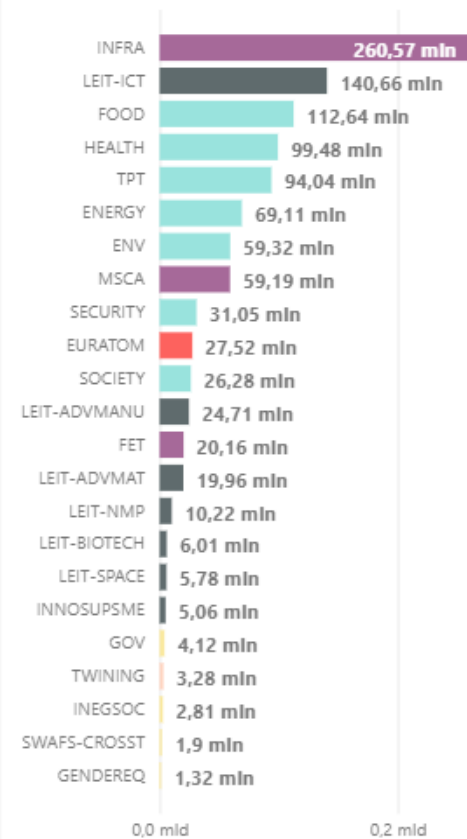


	Shared Projects	Coordinations	EC NET Contrib. [M€]	Unique Participants
<b>PL</b>	<b>854</b>	<b>25</b>	<b>274,54</b>	<b>442</b>
<b>NL</b>		<b>123</b>	<b>813,34</b>	<b>653</b>

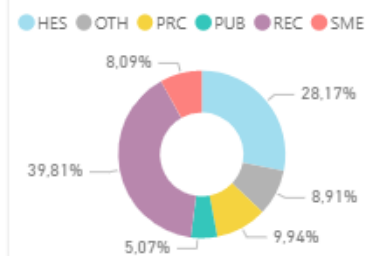
EC NET Contribution by NUT2



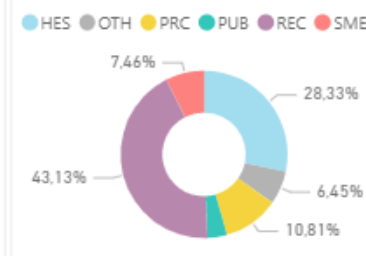
EC NET Contrib. [€] by THEME



EC NET Contrib. [€] by PL Org. Type



EC NET Contrib. [€] by NL Org. Type



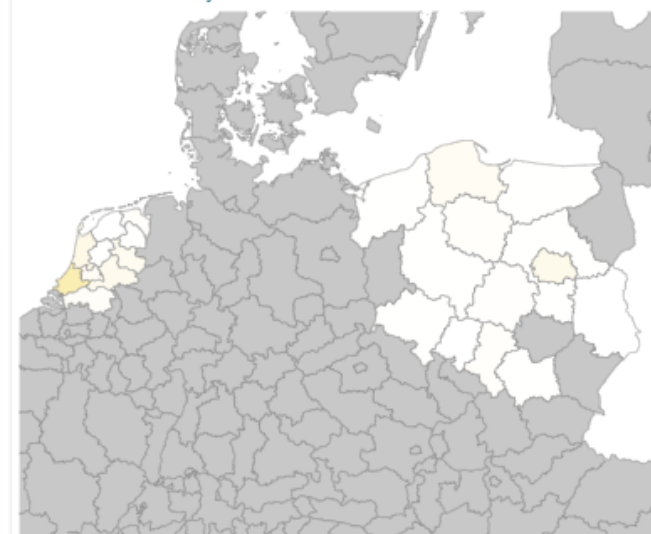
Shared projects Participants

LEGAL NAME - TOP 15	#COORDs	#Participations	EC NET CONTRIB [€]	Budget Particip. [%]
[NL] GEANT VERENIGING	9	15	142 973 698,06	13,14%
[NL] STICHTING WAGENINGEN RESEARCH	8	69	46 281 819,81	4,25%
[PL] FUNDINGBOX ACCELERATOR SP ZOO	2	23	37 241 905,50	3,42%
[NL] TECHNISCHE UNIVERSITEIT DELFT	4	83	35 079 550,27	3,22%
[NL] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO	9	85	34 939 943,43	3,21%
[PL] INSTYTUT CHEMII BIOORGANICZNEJ POLSKIEJ AKADEMII NAUK	1	41	21 459 889,17	1,97%
[NL] UNIVERSITEIT TWENTE	5	26	20 765 249,75	1,91%
[NL] TECHNISCHE UNIVERSITEIT EINDHOVEN	3	47	20 647 981,83	1,90%
[NL] STICHTING NATIONAAL LUCHT- EN RUIMTEVAARTLABORATORIUM	1	36	19 661 530,24	1,81%
[NL] UNIVERSITEIT UTRECHT	5	44	19 474 417,28	1,79%
[NL] STICHTING NEDERLANDSE WETENSCHAPPELIJK ONDERZOEK INSTITUTEN	1	32	19 280 037,57	1,77%
[NL] UNIVERSITEIT VAN AMSTERDAM	7	41	18 147 345,69	1,67%
[NL] STICHTING EGI	3	17	18 130 512,18	1,67%
[NL] STICHTING KATHOLIEKE UNIVERSITEIT	3	32	18 001 361,08	1,65%
[NL] WAGENINGEN UNIVERSITY	3	40	15 729 040,87	1,45%
<b>Suma</b>	<b>148</b>	<b>3077</b>	<b>1 087 873 095,88</b>	<b>100,00%</b>

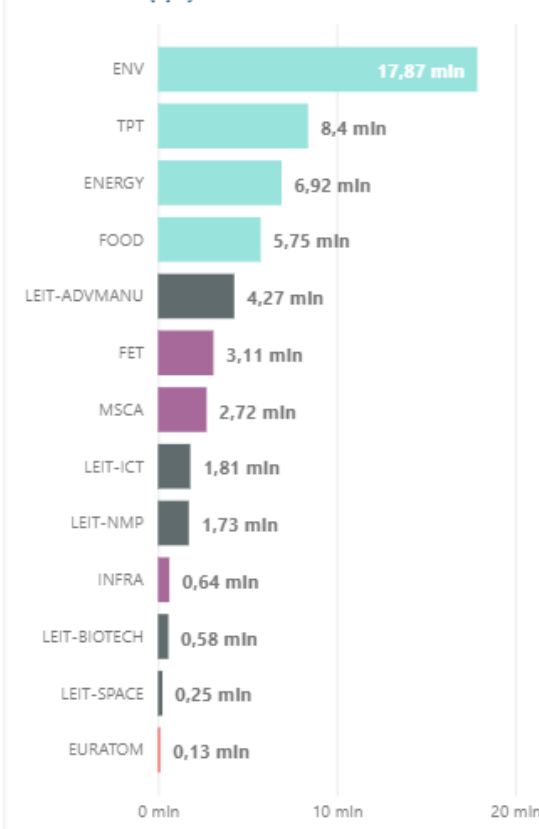


	Shared Projects	Coordinations	EC NET Contrib. [M€]	Unique Participants
PL	50	0	13,61	53
NL		8	40,57	74

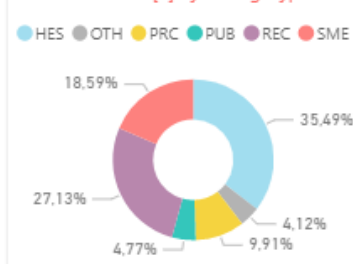
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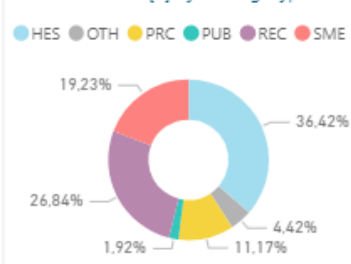
EC NET Contrib. [€] by THEME



EC NET Contrib. [€] by PL Org. Type



EC NET Contrib. [€] by NL Org. Type



Shared projects Participants

LEGAL NAME - TOP 15	#COORDs	#Participations	EC NET CONTRIB [€]	Budget Particip. [%]
[NL] TECHNISCHE UNIVERSITEIT DELFT	2	7	5 460 706,19	10,08%
[NL] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO	2	6	3 365 260,18	6,21%
[NL] UNIVERSITEIT VAN AMSTERDAM	2	2	3 239 109,64	5,98%
[NL] STICHTING IHE DELFT INSTITUTE FOR WATER EDUCATION	1	2	2 037 683,74	3,76%
[NL] STICHTING WAGENINGEN RESEARCH	0	4	1 675 287,50	3,09%
[NL] GIVENTIS INTERNATIONAL BV	0	1	1 595 069,00	2,94%
[NL] UNIVERSITEIT TWENTE	0	2	1 509 935,00	2,79%
[PL] INSTYTUT MASZYN PRZEPLYWOWYCH IM ROBERTA SZEWALSKIEGO POLSKIEJ AKADEMII NAUK - IMP PAN	0	2	1 455 000,00	2,69%
[NL] STICHTING VU	0	4	1 397 529,81	2,58%
[NL] WAGENINGEN UNIVERSITY	0	5	1 309 199,46	2,42%
[NL] NEDERLANDSE ORGANISATIE VOOR WETENSCHAPPELIJK ONDERZOEK	0	3	1 183 459,38	2,18%
[PL] UNIWERSYTET MIKOLAJA KOPERNIKA W TORUNIU	0	2	1 117 707,20	2,06%
[NL] KNEPPELHOUT & KORTHALS NV	0	1	1 056 750,00	1,95%
[PL] POLITECHNIKA SLASKA	0	2	877 226,25	1,62%
[NL] TECHNISCHE UNIVERSITEIT EINDHOVEN	0	1	855 862,50	1,58%
<b>Suma</b>	<b>8</b>	<b>175</b>	<b>54 172 523,21</b>	<b>100,00%</b>



The National Centre  
for Research and Development

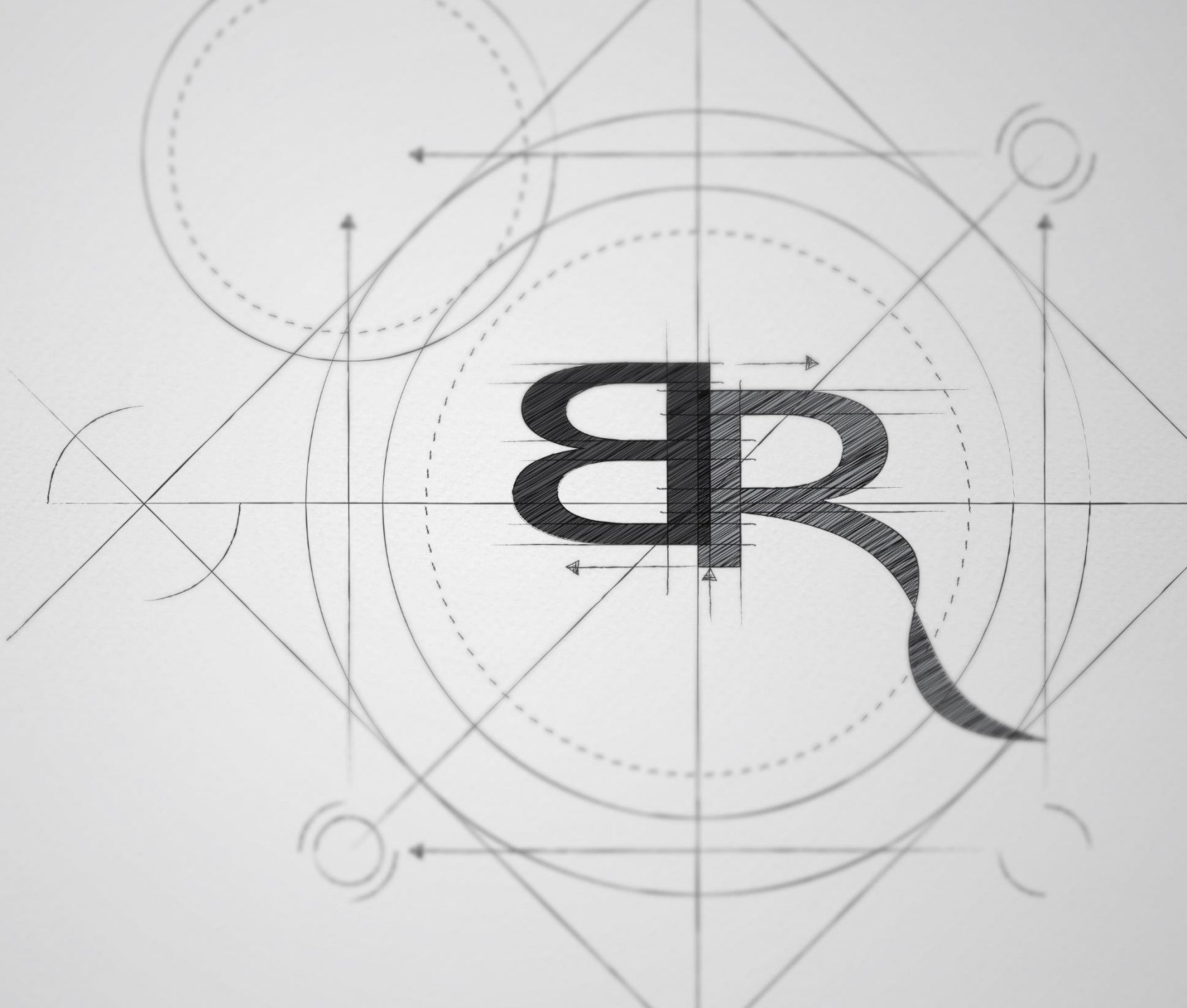
# Thank you

dr Magdalena Głogowska

[magdalena.glogowska@ncbr.gov.pl](mailto:magdalena.glogowska@ncbr.gov.pl)

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[www.ncbr.gov.pl](http://www.ncbr.gov.pl)





Rijksdienst voor Ondernemend  
Nederland



# LIFE

l'Instrument Financier pour  
l'Environnement

## Digital Matchmaking Mission from The Netherlands to Poland

Teun Bolder

Netherlands Enterprise Agency

21 June 2021

>> *Duurzaam, Agrarisch, Innovatief  
en Internationaal ondernemen*



LIFE projects realize EU policies  
with *impact* on  
the environment,  
nature,  
climate  
or energy



LIFE consists of four sub programs



Nature and Biodiversity (NB)



Circular economy and  
quality of life (CE)



Climate mitigation and adaptation  
(CLI)



Transition towards clean energy  
technology (CET)



## LIFE target group

Almost every organization in the EU :

- Company
- Local, regional, national government
- Nongovernmental organizations
- Knowledge institutions



# LIFE Features

- Relatively small-scale projects
- Cooperation is not mandatory
- Projects must be innovative
- Higher TRL's: pilot- and demonstration projects
- Relevant on European scale
- Each SUB-program of LIFE has its own topics and conditions



# WATER in LIFE subprograms i

## Nature & Biodiversity:

- > where water or drought affects nature
- > water as an ecosystem



## WATER in LIFE subprograms ii

### Circular economy & quality of life:

- > water as a natural resource
- > groundwater water quality
- > surface water quality
- > achieving and maintaining a good status of the Union's water bodies
- > ensuring sufficient water by increasing efficiency of water use



## WATER in LIFE subprograms iii

### Climate mitigation & adaptation

- > stable and secure supply of high-quality freshwater
- > prevent droughts
- > prevent floods
- > reduce water use
- > protect and restore wetlands



# LIFE mostly “top down”

## Advice:

- Check the fit of your project in LIFE after publication of call!
- July 2021?

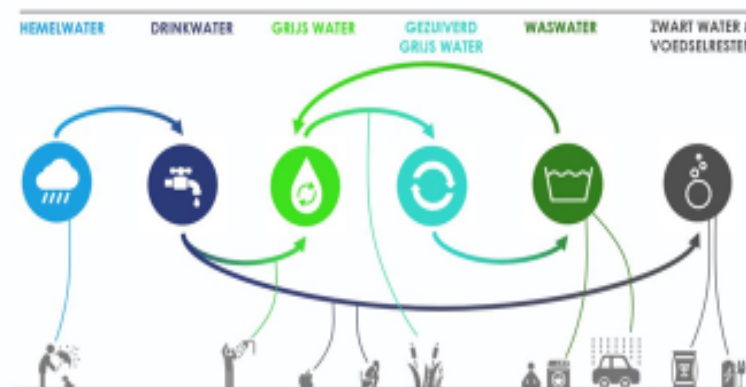
> your NCP can help you! <

( [https://cinea.ec.europa.eu/life/life-european-countries\\_en](https://cinea.ec.europa.eu/life/life-european-countries_en) )



## LIFE Local Water Adapt (2017)

- **Onderwerp:** Holistische aanpak van neerslagpieken en -dalen in stedelijke gebieden door o.a. waterberging, behandeling van afvalwater en het verminderen van het totaalgebruik.
- **Resultaat:** Demonstratie van het Collective Adaptive Water Management concept (CAWM). Replicatie van het project in België.
- **Partner:** WML i.s.m. de gemeente Kerkrade, Stichting HEEMWonen en een Belgisch waterbedrijf.
- **Beleidsprioriteiten:** EU Kaderrichtlijn Water, Transitieagenda CE



**Projectcode:** LIFE17 CCA/NL/000043



**Looptijd:** jul 2018 – dec 2023



**Lead Partner:** Waterleiding Maatschappij Limburg (WML)



**Totaalkosten:** € 5,741,574



**LIFE-thema:** Klimaat



**Contactpersoon:** Erwin de Bruin



**Subsidiebedrag:** € 2,405,024 (42%)



**Partners in:** Nederland, België



**E-mail:** E.deBruin@wml.nl



## When to consider the EU LIFE-program?

- it is a project about water
- it touches one of the LIFE topics
- high quality project
- it is large enough: *impact* on EU scale
- other countries can use the results



# Examples of LIFE projects

The EU database: <https://ap.lc/VM4Ri>



# RVO-advisors LIFE

## **Natuur en klimaat:**

Astrid Hamer 088-0422730  
Ko Melis 088-0421862

## **Milieu en klimaat:**

Teun Bolder 088-0422594  
John Heynen 088-0422527

## **Energie:**

Teun Bolder 088-0422594

## **Coördinatie:**

Paulien Officier 088-0427073

[life@rvo.nl](mailto:life@rvo.nl)

[www.rvo.nl/life](http://www.rvo.nl/life)



# THE KEY TO SUCCESS:

~~Ask the EC to fund your project~~

Help the EU to solve its problems!

[https://cinea.ec.europa.eu/life\\_en](https://cinea.ec.europa.eu/life_en)

Thank you for your attention