



HORIZON EUROPE



Funded by
the European Union

Training on proposal writing

BALTIC-FIT project, 11 September 2024

Anna Zmiievskia and Lina Smovziuk, Anromind



ROUND TABLE INTRODUCTIONS

YOUR NAME

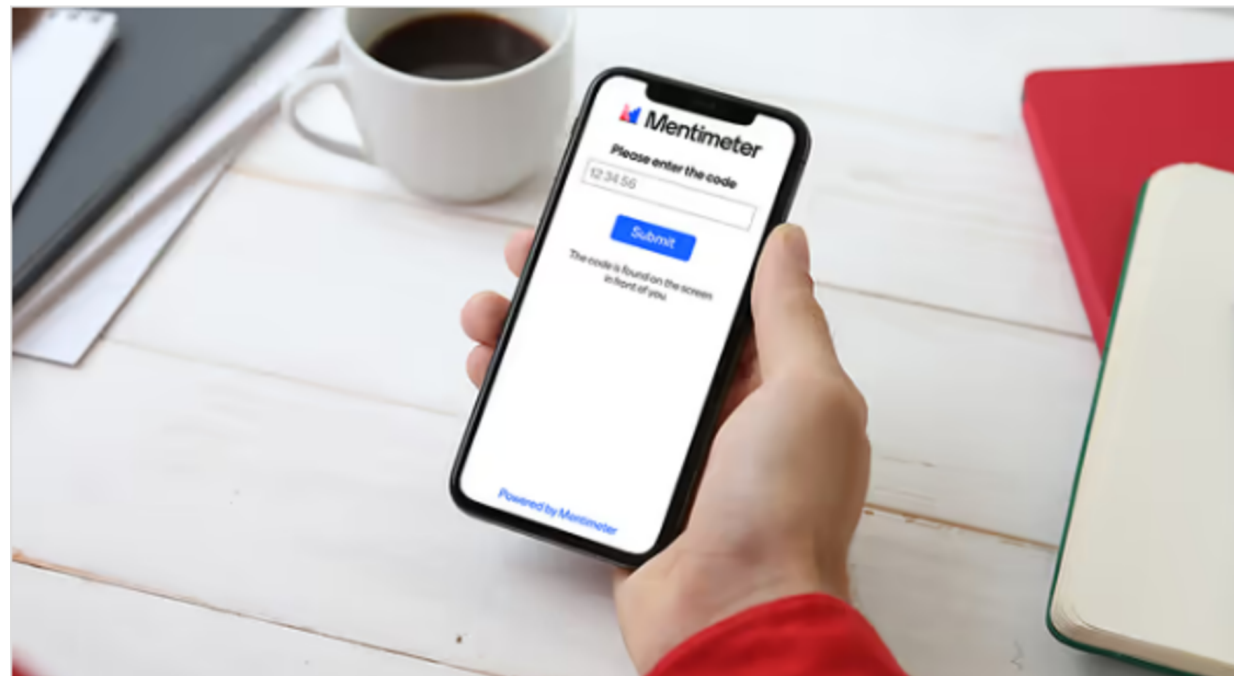
YOUR POSITION

YOUR RESEARCH TOPIC / FIELD OF INTEREST



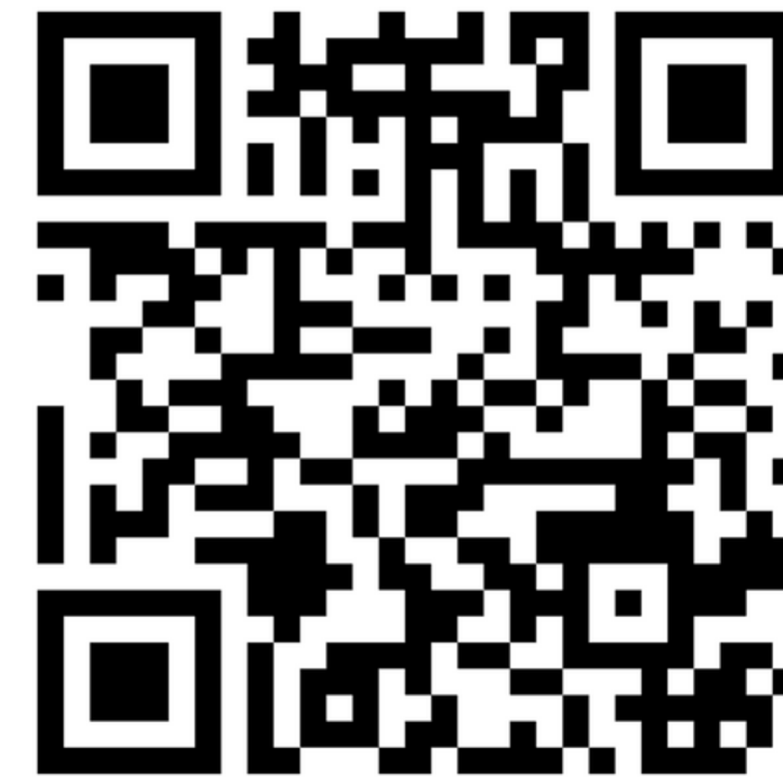
AUDIENCE QUESTION #1

Trial of mentimeter interactive tool



Voting

Vote on a Mentimeter question



DO NOT CLOSE WINDOW
LINK IS ACTIVE FOR WHOLE TRAINING

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About us

ANROMIND is a team of experts with over 10 years of experience in:

- Funding facilitation for R&I and development projects
- Proposal writing
- International project management
- Communication in an international context
- Strategic planning
- Business model analysis and business plan development



Geography of our partners and clients

**Strong
innovators**
**Emerging
ecosystems**





Our Team



**Anna
Zmiievska**

Co-founder, Lead
Project Director

M.Sc. in Space
Engineering, works in
proposal writing and
project management
since 2012 (Since FP7)



**Roman
Zmiievskyi**

Co-founder, Financial
& Operational Director

M.Sc. in Space
Engineering, works in
business development
since 2014



**Lina Smovziuk,
Ph.D.**

Strategic Advisor,
Project Director

Ph.D. in Composite
Materials Works in
proposal writing and
project management
since 2009 (Since FP7)



**Olga
Selioviorstava**

Dissemination &
Communication Manager

B.Sc. in Journalism and
Mass Communication
Media, works in
communications since
2009



**Viktoriia
Kolesnykova**

Graphic and Web
Designer

B.Sc. in Graphic Design,
works with design for
EU-funded projects
since 2012

Trainers and Mentors



**Anna
Zmiievskia**

- Since 2012** International Project Manager at National Aerospace University “KhAI” (Ukraine)
- Since 2018** Proposal writer & project manager at Intelligentsia Consultants Sàrl (Luxembourg)
- Since 2022** Project director at Technology Partners Foundaiton (Poland)
- Since 2022** Co-Founder of Anromind (Estonia)



**Dr. Lina
Smovziuk**

- International Project Manager at National Aerospace University “KhAI” (Ukraine) **Since 2010**
- Proposal writer and project manager at Intelligentsia Consultants Sàrl (Luxembourg) **Since 2018**
- Fundraising Lead of Kharkiv IT Cluster (Ukraine) **Since 2024**



Led writing and development of **50+** grant proposals for national and EU funding

Participated in preparation of **100+** proposals for Horizon 2020 and Horizon Europe

Facilitated over **25 mln** Euros of funding for research organizations and business

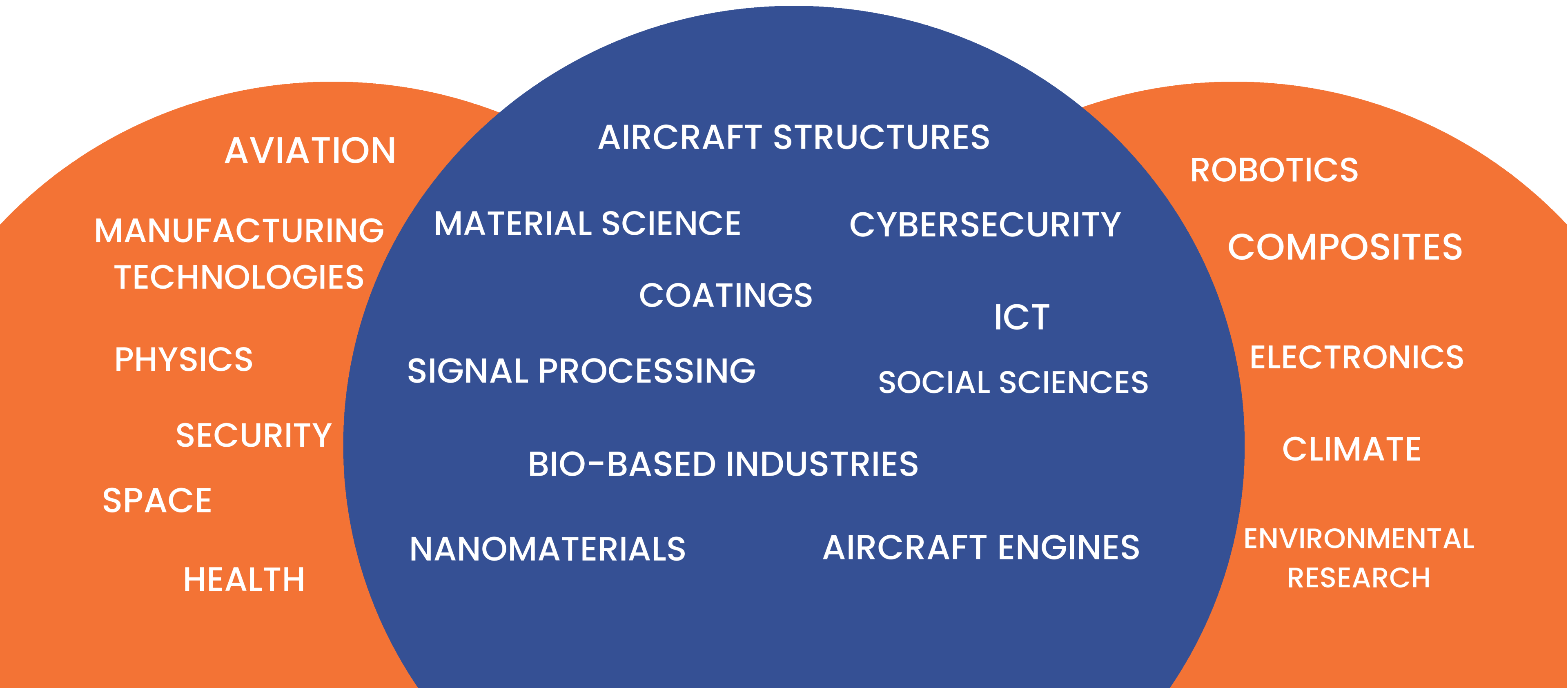
22% our average success rate in HE/H2020

15 mln Euros is largest grant amount secured (Teaming CoE)

Delivered **30+** on-site and online trainings to research and administrative professionals



RESEARCH AREAS WE WORKED WITH



Role in **BALTIC-FIT**

***Help to strengthen research management capacities
and administrative skills***



***Help to strengthen research management capacities
and administrative skills***



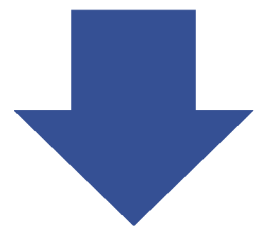
4 training workshops

- Development of proposal writing skills (including strategies of coordinating the proposal preparation)
- Managing project portfolio (understanding proposal evaluation system, analysing ESR comments, resubmission scenarios, etc.)
- Responding to EU policies, understanding Strategic Plans, Work programmes, networking and advocating
- How to expand the portfolio of funding instruments and sources

*Help to strengthen research management capacities
and administrative skills*



4 training workshops



- Development of proposal writing skills (including strategies of coordinating the proposal preparation)
- Managing project portfolio (understanding proposal evaluation system, analysing ESR comments, resubmission scenarios, etc.)
- Responding to EU policies, understanding Strategic Plans, Work programmes, networking and advocating
- How to expand the portfolio of funding instruments and sources

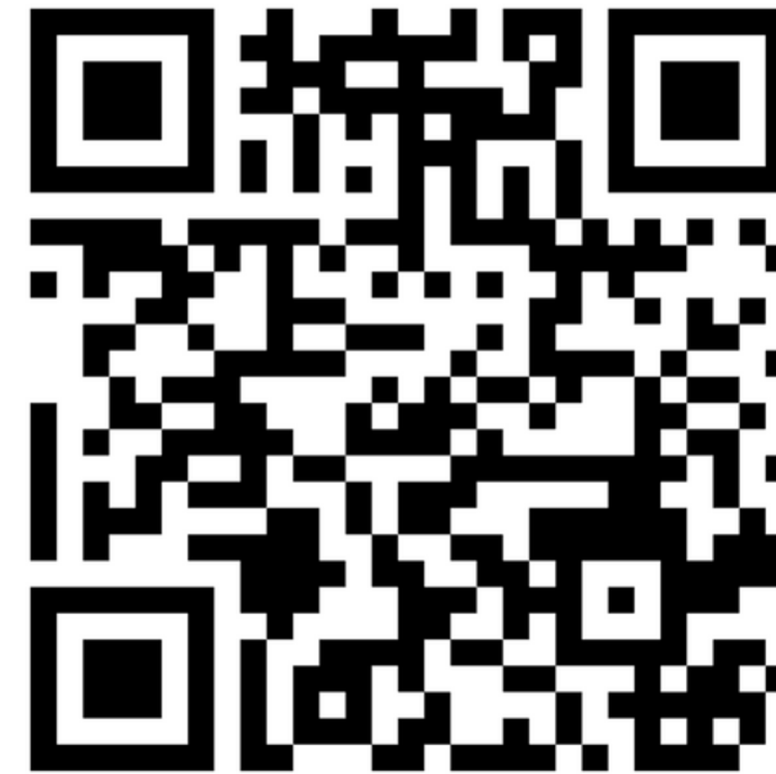


Mentoring on 2 proposals preparation

Through whole proposal preparation journey: identification of call topic, partner search, proposal writing, submission
regular individual sessions, check-in group meetings, reviewing of the proposal text, budget, etc.

AUDIENCE QUESTION #2

***How many Horizon Europe projects
does TalTech have?***



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TALLINNA TEHNIKAÜLIKOOL (999842536) participation in HORIZON EURC



Framework Programme

Organisation PIC

Organisation legal name

Net EU Contribution

19,18M^{3,26%}
of Estonia

Funding received by the participant

Participation

51^{2,49%}
of Estonia

Number of projects in which the organization has received EU funding

Signed grants

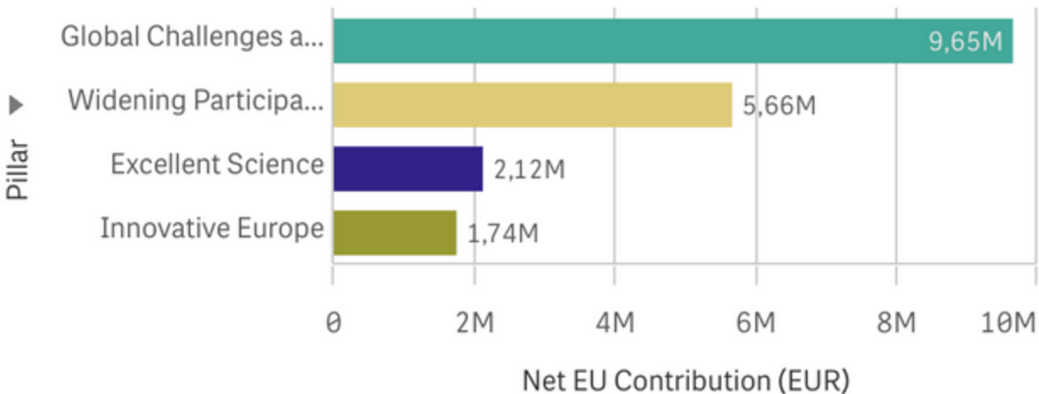
51^{3,13%}
of Estonia

Number of grant agreements signed, including suspended, terminated and closed grant agreements

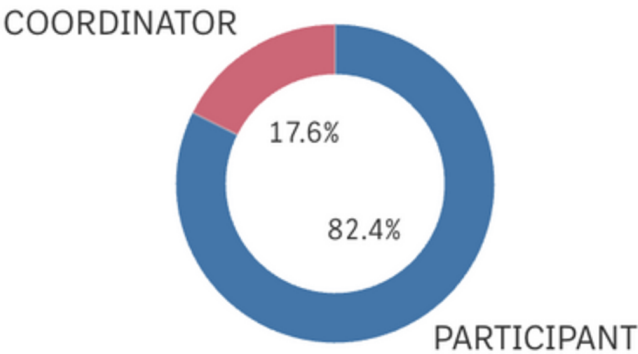
Participation/Net EU contribution (EUR) per Framework Pr...



Net EU contribution (EUR) by thematic priority / type of act...

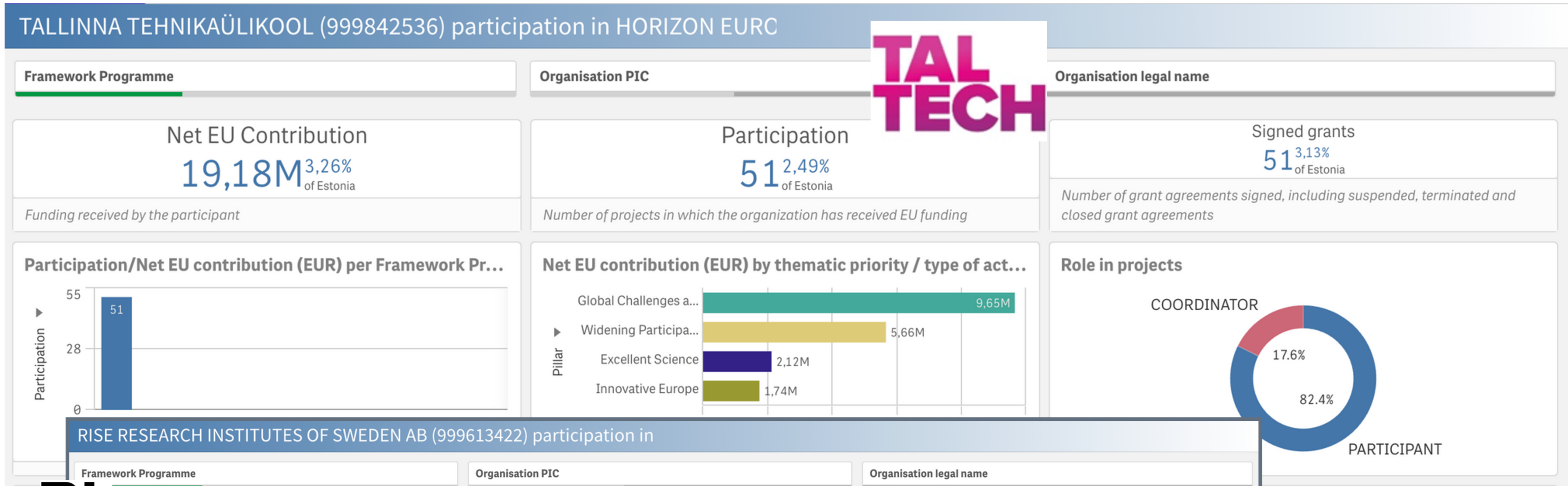


Role in projects



Source: Horizon Dashboard

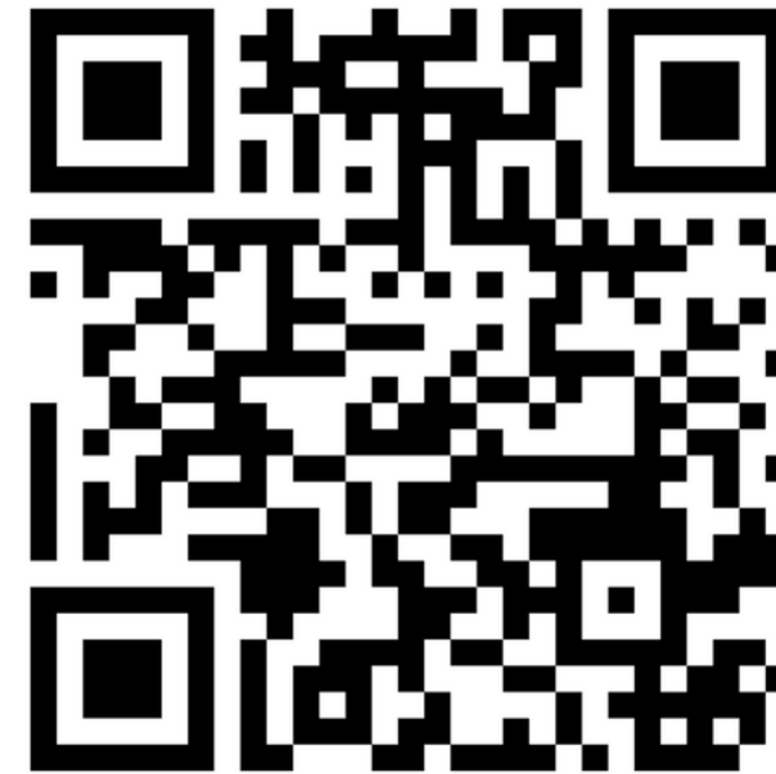




AUDIENCE QUESTION #3

What is your experience in Horizon Europe (H2020?) :

***What about other competitive funding ?
Proposal
Project***



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Agenda of Training #1



HORIZON EUROPE



Horizon Europe Structure & Instruments



Key factors of success



How to shape your idea



How to find partners & build a consortium



Basics of proposal preparation



SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND

*Exclusive focus on
defence research
& development*

**Research
actions**

**Development
actions**

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications



Pillar I EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie

Research Infrastructures



Pillar II GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters

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

Joint Research Centre



Pillar III INNOVATIVE EUROPE

European Innovation
Council

European Innovation
Ecosystems

European Institute of
Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system



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Pillar I
EXCELLENT SCIENCE

€25 bn



26%



Pillar II
**GLOBAL CHALLENGES &
EUROPEAN INDUSTRIAL
COMPETITIVENESS**

€53.5 bn



56%



Pillar III
INNOVATIVE EUROPE

€13.6 bn



14%

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

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€3.4 bn



4%

Bottom-Up & Top-Down Calls

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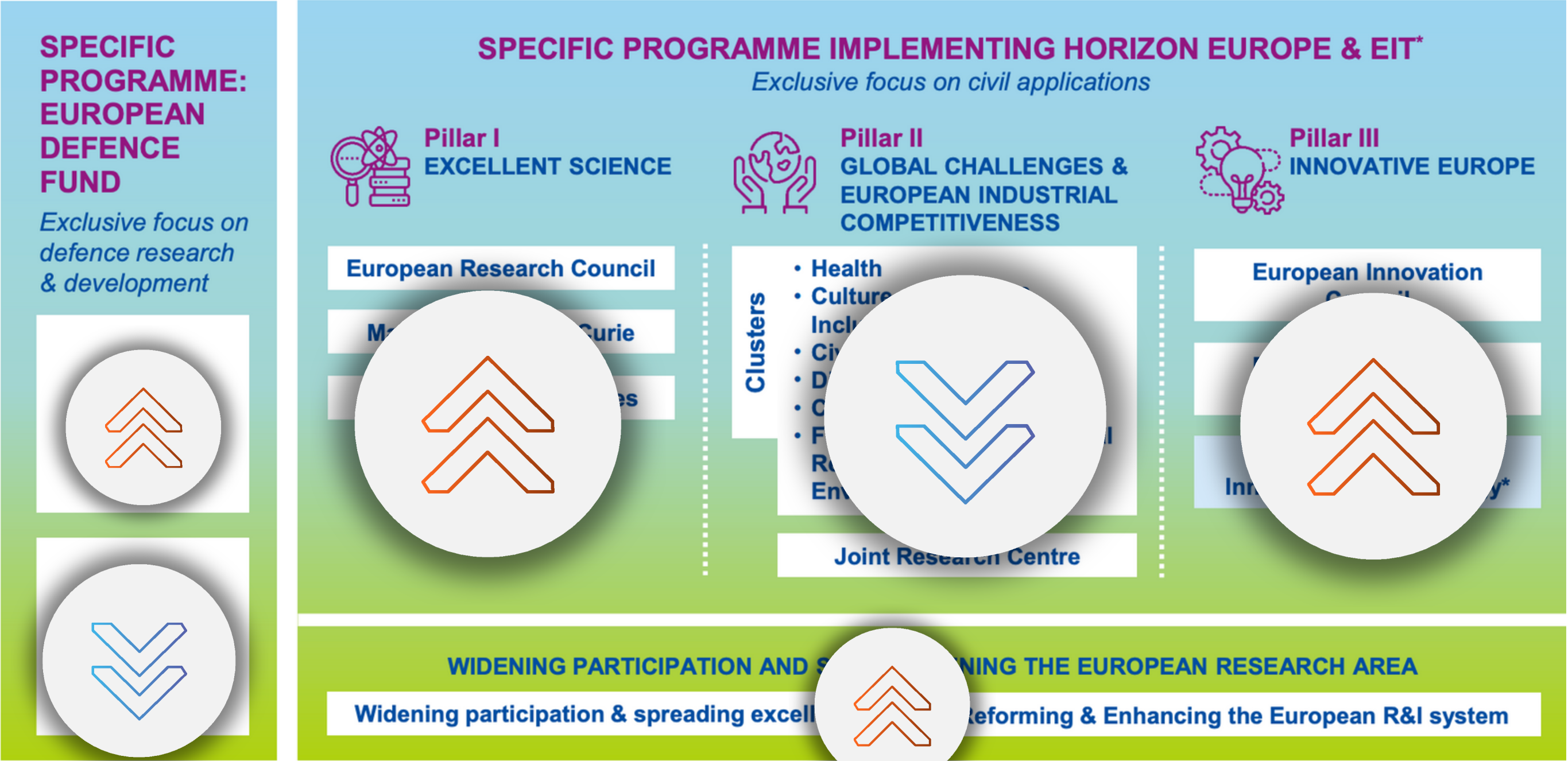
Topic pre-
defined



Any topic



Bottom-Up & Top-Down Calls



Topic pre-defined



Any topic



Types of projects RIA/IA/CSA

RIA – Research and Innovation Actions

TRL 2 to 5

Funding rate: 100%

Activities to establish new knowledge or to explore the feasibility of a new or improved technology, product, process, service or solution.

This may include basic and applied research, technology development and integration, testing, demonstration and validation of a small-scale prototype in a laboratory or simulated environment.



Types of projects RIA/IA/CSA

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IA – Innovation Actions

TRL 6 to 8

Funding rate:

- 100% for non-profit
- 70% for profit-making

Activities to produce plans and arrangements or designs for new, altered or improved products, processes or services.

These activities may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.



Types of projects RIA/IA/CSA

RIA – Research and Innovation Actions

TRL 2 to 5

Funding rate: 100%

Activities to establish new knowledge or to explore the feasibility of a new or improved technology, product, process, service or solution.

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Activities to produce plans and arrangements or designs for new, altered or improved products, processes or services.

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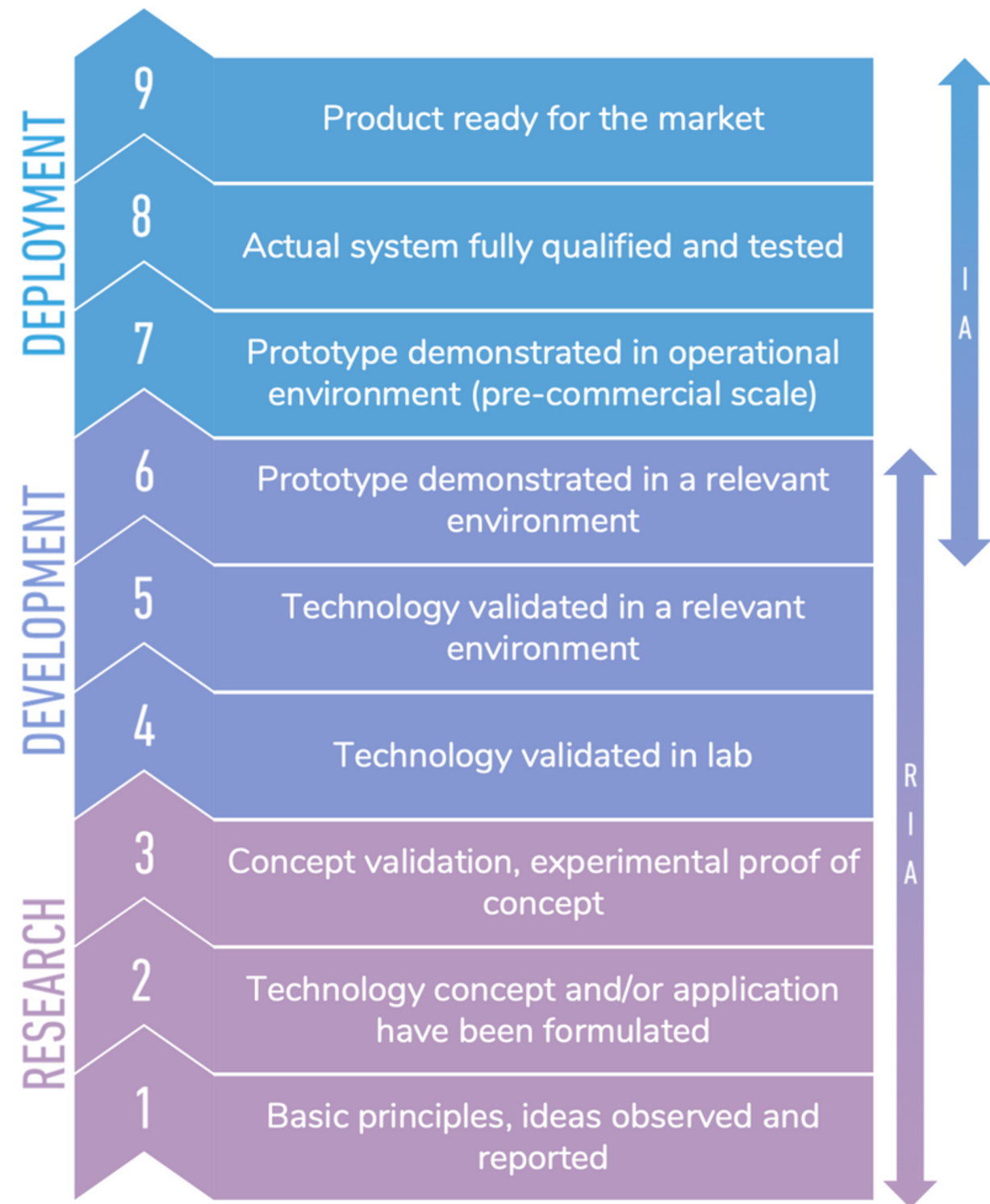
CSA – Coordination and Support Actions

Funding rate: 100%

Activities that contribute to the objectives of Horizon Europe. This excludes R&I activities, except those carried out under the 'Widening participation and spreading excellence' component of the programme (part of 'Widening participation and strengthening the European Research Area').

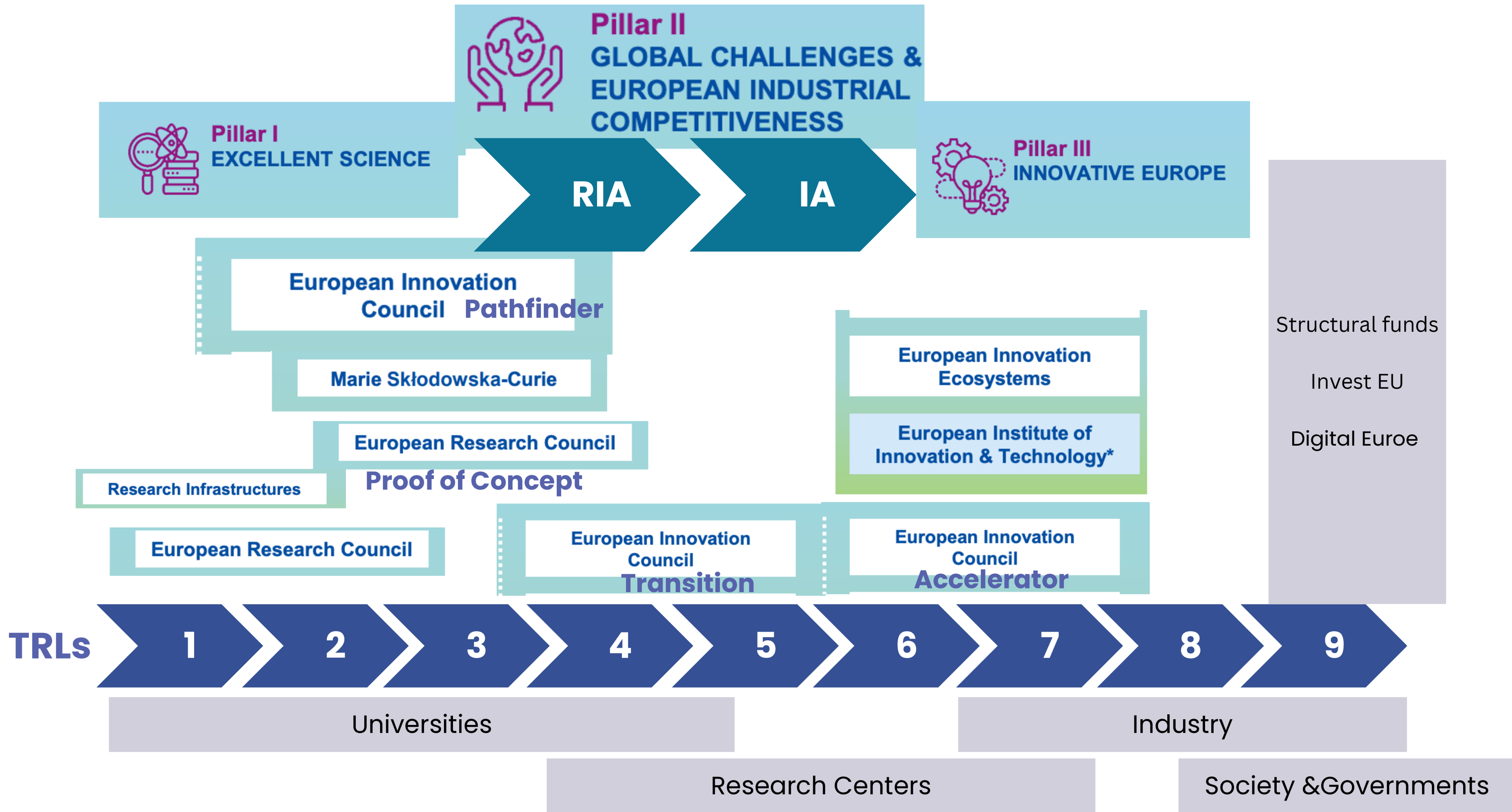


Technology Readiness Levels (TRLs)



Technology Readiness Levels

- TRL 0: Idea.** Unproven concept, no testing has been performed.
- TRL 1: Basic research.** Principles postulated and observed but no experimental proof available.
- TRL 2: Technology formulation.** Concept and application have been formulated.
- TRL 3: Applied research.** First laboratory tests completed; proof of concept.
- TRL 4: Small scale prototype** built in a laboratory environment ("ugly" prototype).
- TRL 5: Large scale prototype** tested in intended environment.
- TRL 6: Prototype system** tested in intended environment close to expected performance.
- TRL 7: Demonstration system** operating in operational environment at pre-commercial scale.
- TRL 8: First of a kind commercial system.** Manufacturing issues solved.
- TRL 9: Full commercial application,** technology available for consumers.



What's in Relevant to "Green Maritime"

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Development
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Clusters

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- Civil Security for Society
- Digital Industry & Space
- **Climate, Energy & Mobility**
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

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Cluster 5

Climate, Energy & Mobility

Goal:

Accelerate the twin green and digital transitions and associated transformation of our economy, industry and society with a view to achieving climate neutrality in Europe by 2050.



Cluster 5

Climate, Energy & Mobility

6 Destinations:

- Climate science and responses for the transformation towards climate neutrality
- Cross-sectoral solutions for the climate transition

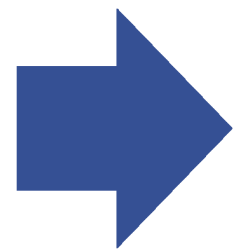
Climate

- Sustainable, secure and competitive energy supply
- Efficient, sustainable and inclusive energy use

Energy

- Clean and competitive solutions for all transport modes
- Safe, resilient transport and smart mobility services for passengers and goods

Mobility





Zero-Emission
Waterborne
Transport

General objective:

To provide and demonstrate zero-emission solutions for all main ship types and services before 2030, which will enable zero-emission waterborne transport before 2050.

Activities

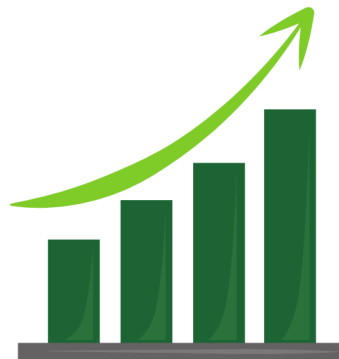
- sustainable alternative fuels
- electrification
- energy efficiency
- design and retrofitting
- digital green
- ports

Co-Programmed Partnership



The specific scientific objective:

To develop and demonstrate deployable technological solutions which will be applicable for the decarbonisation and the elimination of other harmful emissions of main ship types and services.



The specific economic objective:

By 2030, implementation of economically viable European new technologies and concepts regarding zero-emission waterborne transport, to strengthen the competitiveness of European industries in growing green ship technology markets and provide the capability to re-enter markets presently dominated by Europe's competitors.



The specific societal objectives are:

To facilitate the development and implementation of regulations and policies at national and international level, including the development of standards to enable the implementation of technological solutions for zero-emission waterborne transport by 2030 at the latest. To facilitate the uptake of innovative zero emission waterborne transport technologies and solutions within the European waterborne sector, supporting economic growth and European employment.



Horizon Europe Structure & Instruments

YOUR QUESTIONS?

Agenda of Training #1



HORIZON EUROPE



Horizon Europe Structure & Instruments



Key factors of success



How to shape your idea



How to find partners & build a consortium



Basics of proposal preparation

AUDIENCE QUESTION #4

What is key ingredients of successful proposal for EU-funding?



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Agenda of Training #1



HORIZON EUROPE



Horizon Europe Structure & Instruments



Key factors of success



How to shape your idea



How to find partners & build a consortium



Basics of proposal preparation

3 key factors of success



Excellent Idea



Good consortium



Proposal text

3 key factors of success



Excellent Idea

Excellent science. Innovative solutions (not incremental)
Thinking about impact first!
Meet EU Policy Priorities, KSOs



Good consortium



Proposal text

3 key factors of success



Excellent Idea

Excellent science. Innovative solutions (not incremental)
Thinking about impact first!
Meet EU Policy Priorities, KSOs



Good consortium

Number of partners. Profile of partners. Quadruple helix members important!
Industry and SMEs important!



Proposal text

3 key factors of success



Excellent Idea

Excellent science. Innovative solutions (not incremental)
Thinking about impact first!
Meet EU Policy Priorities, KSOs



Good consortium

Number of partners. Profile of partners. Quadruple helix members important!
Industry and SMEs important!



Proposal text

Not just telling, but selling!
“Sell” your idea to evaluators.
One responsible person.
Enough time invested!

Agenda of Training #1



HORIZON EUROPE



Horizon Europe Structure & Instruments



Key factors of success



How to shape your idea



How to find partners & build a consortium



Basics of proposal preparation

Shaping an Innovative and Impactful Idea



Innovative, not incremental

Horizon Europe prioritizes groundbreaking innovations that solve significant challenges, rather than minor improvements.



Aligned with EU Priorities

EU Policy Priorities, such as the Green Deal, Digital Transformation, and other Key Strategic Orientations (KSOs).



Thinking Impact-First

Not just from the perspective of academic excellence, but also in terms of broader societal and economic benefits and potential to contribute to major challenges (e.g., climate change, digital innovation, health, etc.)

How Horizon Europe is implemented



Source: Horizon Europe Strategic Plan 2025 - 2027

Policy priorities



The European Green Deal



A Europe fit for the digital age



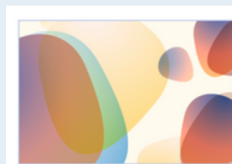
A stronger Europe in the world



Promoting our European way of life

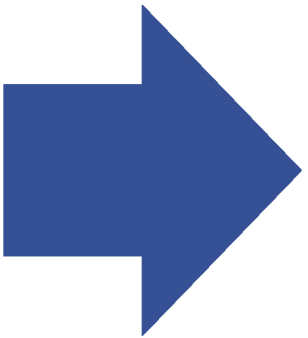
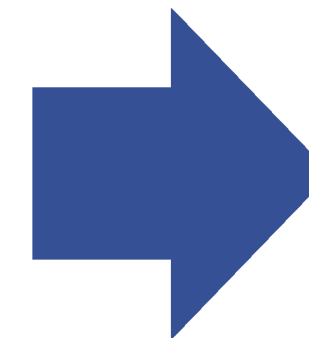


An economy that works for people



A new push for European democracy

Horizon Europe strategic plan 2025–2027



How is your project idea linked to Policy priorities?

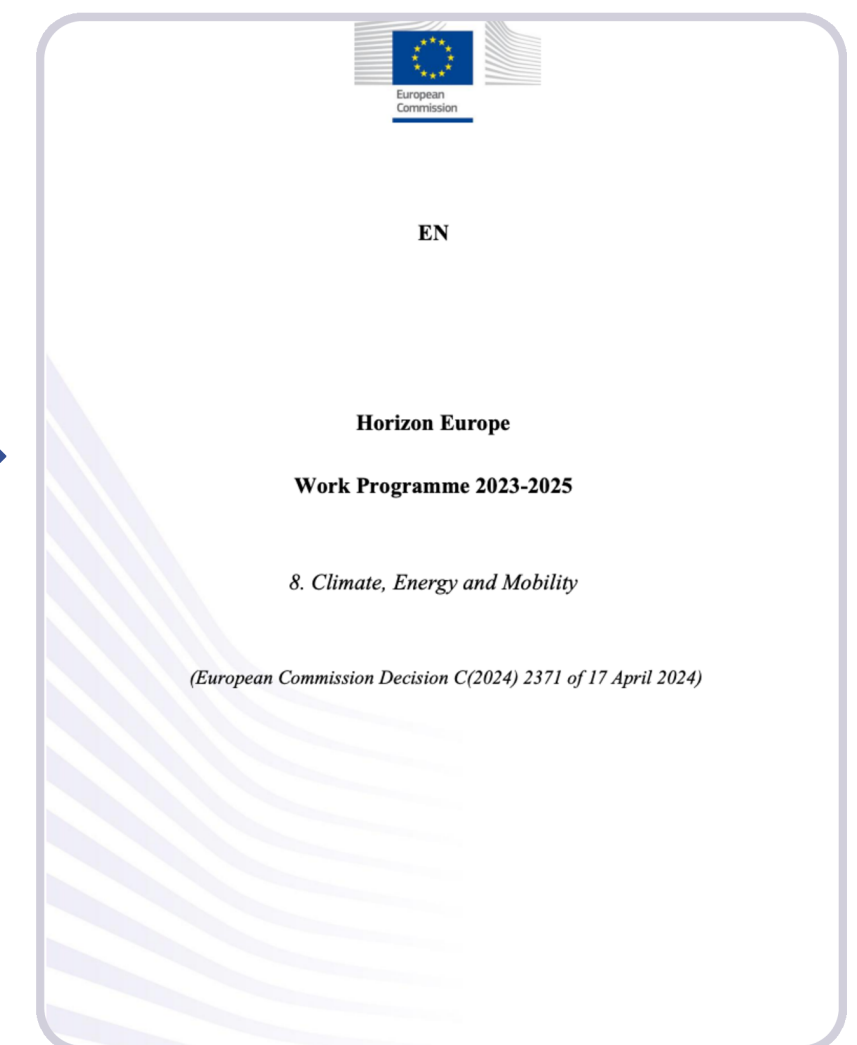
Strategic Plan 2025–2027: 3 Key Strategic Orientations (KSOs)



32 Impact Areas

CLUSTER 4	CLUSTER 5
Digital, Industry & Space	Climate, Energy & Mobility
<p>15. Achieving global leadership in climate-neutral, circular and digitised industrial and digital value chains</p> <p>16. Achieving technological leadership for Europe's open strategic autonomy in raw materials, chemicals and innovative materials</p> <p>17. Developing an agile and secure single market and infrastructure for data-services and trustworthy artificial intelligence services</p> <p>18. Achieving open strategic autonomy in digital and emerging enabling technologies</p> <p>19. Achieving open strategic autonomy in global space-based infrastructures, services, applications, and data</p> <p>20. Digital and industrial technologies driving human-centric innovation</p>	<p>21. Advancing science for a fair transition to a climate-neutral and resilient society</p> <p>22. Facilitating the clean and sustainable transition of the energy and transport sectors towards climate neutrality through cross-cutting solutions</p> <p>23. Ensuring more efficient, sustainable, secure, and competitive renewable and decarbonised energy supply</p> <p>24. Using energy in buildings and industry in an efficient, affordable and sustainable way</p> <p>25. Achieving sustainable, inclusive, and competitive transport modes</p> <p>26. Developing multimodal systems and services for climate-neutral, smart, inclusive, and safe mobility</p>

Thematic Work Programmes



Work Programmes – calls for proposals



EN

Horizon Europe

Work Programme 2023-2025

8. Climate, Energy and Mobility

(European Commission Decision C(2024) 2371 of 17 April 2024)

Horizon Europe - Work Programme 2023-2025
Climate, Energy and Mobility

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HORIZON-CL5-2024-D5-01-12: 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 (ZEWTP Partnership)

Specific conditions	
Expected EU contribution per project	The Commission estimates that an EU contribution of around EUR 7.50 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
Indicative budget	The total indicative budget for the topic is EUR 15.00 million.
Type of Action	Innovation Actions

Horizon Europe - Work Programme 2023-2025
Climate, Energy and Mobility

Eligibility conditions	The conditions are described in General Annex B. The following exceptions apply: If projects use satellite-based earth observation, positioning, navigation and/or related timing data and services, beneficiaries must make use of Copernicus and/or Galileo/EGNOS (other data and services may additionally be used).
Technology Readiness Level	Activities are expected to achieve TRL 7 by the end of the project – see General Annex B.
Legal and financial set-up of the Grant Agreements	The rules are described in General Annex G. The following exceptions apply: The funding rate is 60% of the eligible costs, except for non-profit legal entities where the funding rate is up to 100% of the total eligible costs.

Expected Outcome: Project outputs and results are expected to contribute to the following expected outcomes:

- Development of at least three market ready vessel design solutions to address short sea shipping, inland waterway transport and high seas shipping making innovative use of combinations of close to market (TRL 7 or higher) emission reduction and efficiency improvement technologies to reduce emissions from shipping in line with the expectations within the EUs “Fit for 55” legislative package.
- Quantitative assessment of the designs towards achieving significant emissions

Where to find Work Programmes

1

Thematic
Work
Programmes

The screenshot shows the 'EU Funding & Tenders Portal' with the 'Guidance & documents' menu item highlighted. The breadcrumb trail is 'Home > Guidance & documents > Reference documents'. The 'Reference documents' section includes a 'Filters' sidebar with '2021 - 2027' and 'Horizon Europe (HORIZON)' selected. The main content area shows 'Programme' as 'Horizon Europe (HORIZON)' and 'Grants' as the selected category. The 'Grants' section explains that the page includes reference documents of the programmes managed on the portal, starting with legal documents and the Commission work programmes up to model grant agreements and guides for specific actions. The 'Procurement' section states that reference documents related to tendering opportunities are published on TED eTendering. A search bar with 'Filter...' and an 'Expand all' button are also visible. The 'Work programme & call documents' section is expanded, showing '2021-2022' and '2023-2025'. Under '2023-2025', the 'HE Main Work Programme 2023-2025' is listed, with a link to 'Call for prizes - Rules of Contest: HORIZON-WIDERA-2023-GENDER-Prize (EU Award for (Academic) Gender Equality Champions)'. The 'Published' date is '06.12.2023' and the 'Versions' are 'EN'.

European Commission | EU Funding & Tenders Portal

Sign in EN

Home Funding▼ Procurement▼ Projects & results▼ News & events▼ Work as an expert Guidance & documents▼ Search... Q 1

Home > Guidance & documents > Reference documents

Reference documents

Filters

2021 - 2027 ▼

Horizon Europe (H... ▼

Programme Horizon Europe (HORIZON) (x)

Grants

This page includes reference documents of the programmes managed on the EU Funding & Tenders portal starting with legal documents and the Commission work programmes up to model grant agreements and guides for specific actions. Please select the programme to see the reference documents.

Procurement

Reference Documents related to tendering opportunities are published on [TED eTendering](#) in the calls for tenders.


Q Filter... Expand all ↓

- > Legislation
- ✓ Work programme & call documents
 - > 2021-2022
 - ✓ 2023-2025
 - > HE Main Work Programme 2023-2025
 - [Call for prizes - Rules of Contest: HORIZON-WIDERA-2023-GENDER-Prize \(EU Award for \(Academic\) Gender Equality Champions\)](#)
 - Published 06.12.2023
 - Versions EN

Where to find calls

2

Funding &
Tenders (F&T)
Portal

European Commission

EU Funding & Tenders Portal

Sign inEN

HomeFundingProcurementProjects & resultsNews & eventsWork as an expertGuidance & documents

Search... 🔍

🔔

Home > Funding > Calls for proposals

Calls for proposals

Calls for proposals are funding opportunities issued by the European Union institutions, agencies and bodies. These are direct financial contributions, known as grants, that are awarded to third-party beneficiaries (e.g., research organisations, public entities, non-governmental organisations, and private companies) to engage in activities that serve EU policies.

[More details](#)

Filters

Quick search

Select... 🔍

Programming period ▾

Horizon Europe (HORIZON) ▾

Call ▾

Submission status ▾

All filters

256 item(s) found

📅📡Opening date / Publication date ▾ ⌵

ProgrammeHorizon Europe (HORIZON) ✕

European Researchers' Night and Researchers at Schools 2026-2027

HORIZON-MSCA-2025-CITIZENS-01-01 | Call for proposal

Opening date: 17 June 2025 | Next deadline: 22 October 2025 | Single-stage

Programme: Horizon Europe (HORIZON) | Type of action: HORIZON Coordination and Support Actions

Forthcoming

MSCA COFUND 2025

HORIZON-MSCA-2025-COFUND-01-01 | Call for proposal

Opening date: 23 January 2025 | Next deadline: 24 June 2025 | Single-stage

Programme: Horizon Europe (HORIZON) | Type of action: HORIZON TMA MSCA Cofund Doctoral programme

Forthcoming

Teaming for Excellence

HORIZON-WIDERA-2025-ACCESS-01-01-two-stage | Call for proposal


Opening date: 03 December 2024 | Next deadline: 10 April 2025 | Two-stage

Programme: Horizon Europe (HORIZON) | Type of action: HORIZON Coordination and Support Actions

Forthcoming

Where to find calls

Topic
Description on
F&T portal

European Commission

EU Funding & Tenders Portal

[Sign in](#) [EN](#)

[Home](#) [Funding](#) [Procurement](#) [Projects & results](#) [News & events](#) [Work as an expert](#) [Guidance & documents](#)

[Q](#) [1](#)

Teaming for Excellence

HORIZON-WIDERA-2025-ACCESS-01-01-two-stage

Topic

Call for proposal

Internal navigation

General information

Topic description

Destination

Conditions and documents

Partner search announcements

Start submission

Topic Q&As

Get support

Call information

General information

Programme

Horizon Europe (HORIZON)

Call

Teaming for Excellence (HORIZON-WIDERA-2025-ACCESS-01)

Type of action

HORIZON-CSA HORIZON Coordination and Support Actions

Type of MGA

HORIZON Action Grant Budget-Based [HORIZON-AG]

Deadline model

two-stage

Planned opening date

03 December 2024

Deadline dates

10 April 2025 17:00:00 Brussels time
20 January 2026 17:00:00 Brussels time

Budget overview

Forthcoming

Topic description

ExpectedOutcome:

Disparities in R&I performance are due to, among other reasons, the insufficient critical mass of science and lack of centres of excellence having sufficient competence to engage countries and regions strategically in a path of innovative growth. Teaming is responding to this challenge establishing new centres of excellence or modernising existing ones with the help of leading EU or AC partnering institutions. This will help countries...

Show more

Topic destination

Improved access to excellence (2023/24)

Introduction

The ERA Communication [(COM(2020) 628 final, https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52020DC0628&from=EN)] established the need to improve access to excellence as one of the four

How to read topic description

Topic Structure:

- Identifier
- Title
- Conditions of the call (including budget and deadline)
- Scope
- Expected Outcome

HORIZON-CL5-2024-D5-01-18: Assessment of air pollutant emissions from low-carbon fuels in the heavy-duty, aviation, and maritime sectors

Specific conditions

<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of around EUR 3.50 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 7.00 million.
<i>Type of Action</i>	Research and Innovation Actions
<i>Eligibility conditions</i>	<p>The conditions are described in General Annex B. The following exceptions apply:</p> <p>If projects use satellite-based earth observation, positioning, navigation and/or related timing data and services, beneficiaries must make use of Copernicus and/or Galileo/EGNOS (other data and services may additionally be used).</p>
<i>Technology Readiness Level</i>	Activities are expected to achieve TRL 5-6 by the end of the project – see General Annex B.

How to read topic description

HORIZON-CL5-2024-D5-01-18: Assessment of air pollutant emissions from low-carbon fuels in the heavy-duty, aviation, and maritime sectors




CLUSTER 5 “Climate, Energy and Mobility”

Policy Priorities (for 2021–2024)

- Going Climate-Neutral by 205
- A Clean Plant for all
- United Nations SDGs (Sustainable Development Goals)

How to read topic description

HORIZON-CL5-2024-D5-01-18: Assessment of air pollutant emissions from low-carbon fuels in the heavy-duty, aviation, and maritime sectors



DESTINATION 5 “Clean and competitive solutions for all transport modes”

Key Strategic Orientations KSOs (for 2021–2024)

C: Making Europe the first digitally enabled circular, climate-neutral and sustainable economy through the transformation of its mobility, energy, construction and production systems;

A: Promoting an open strategic autonomy by leading the development of key digital, enabling and emerging technologies, sectors and value chains to accelerate and steer the digital and green transitions through human-centred technologies and innovations.

How to read topic description

2 projects to be funded

HORIZON-CL5-2024-D5-01-18: Assessment of air pollutant emissions from low-carbon fuels in the heavy-duty, aviation, and maritime sectors

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Research and Innovation Actions

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Technology Readiness Level

Activities are expected to achieve TRL 5-6 by the end of the project – see General Annex B.

How to read topic description

2 projects to be funded

**RIA type
consortium of 5–10 partners**

HORIZON-CL5-2024-D5-01-18: Assessment of air pollutant emissions from low-carbon fuels in the heavy-duty, aviation, and maritime sectors

Specific conditions

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Technology Readiness Level

Activities are expected to achieve TRL 5-6 by the end of the project – see General Annex B.

How to read topic description

2 projects to be funded

**RIA type
consortium of 5–10 partners**

**Project positioning:
Validation in relevant environment**

HORIZON-CL5-2024-D5-01-18: Assessment of air pollutant emissions from low-carbon fuels in the heavy-duty, aviation, and maritime sectors

Specific conditions

Expected EU contribution per project

The Commission estimates that an EU contribution of around EUR 3.50 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.

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Technology Readiness Level

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Practical Advice

Analyse previously funded projects on CORDIS

HORIZON-CL5-2021-D5-01-10:
Innovative on-board energy saving
solutions (ZEWT Partnership)



<https://cordis.europa.eu/>

europa.eu/search?q=contenttype%3D%27project%27%20AND%20programme%2Fcode%3D%27HORIZON-CL5-2021-D5...

Filters

Collection: Projects x Programme: HORIZON-CL5-2021-D5-01-10 x Clear all filters

☐ Include archived content ⓘ

5 results found Last update Title

RESHIP Redefine energy Efficiency solutions for hydrogen powered SHIPs in marine and inland waterway
ID: 101056815
From: 1 September 2022 to: 31 August 2025
Under the framework of Zero Emission Waterborne Transport (ZEWT), hydrogen as the future fuel for ships offers an opportunity to zero the GHG emission. Nevertheless, the challenges for onboard hydrogen storage and utilisation obstruct this long desired revolution. Novel and...
Coordinated in: France
Programme: [Clean, Safe and Accessible Transport and Mobility](#), [Climate, Energy and Mobility](#), [Industrial Competitiveness in Transport](#)
Last update: 15 September 2022 Add to my booklet

ZHENIT Zero waste Heat vessel towards relevant ENergy savings also thanks to IT technologies
ID: 101056801
From: 1 June 2022 to: 30 November 2025
ZHENIT overall objective is to promote Waste Heat Recovery (WHR) as key and “ready-to-implement” solutions to achieve 2030 IMO/EU targets for shipping sector decarbonization. ZHENIT goal is to fully untap “on-board WH potential” developing and validating WHR solutions...
Coordinated in: Italy
Programme: [Clean, Safe and Accessible Transport and Mobility](#), [Climate, Energy and Mobility](#), [Industrial Competitiveness in Transport](#)
Last update: 5 September 2022 Add to my booklet

OPTIWISE OPTImised WInd Supported vEssels
ID: 101056769
From: 1 June 2022 to: 31 May 2025
The need to reduce energy consumption and emissions to bring global warming to a halt is unprecedented. Although there are energy saving strategies, most innovations cannot simply be merged in conventional ship design. As the solution for making ships carbon neutral will...
Coordinated in: Netherlands



How to shape your idea

YOUR QUESTIONS?

Agenda of Training #1



HORIZON EUROPE



Horizon Europe Structure & Instruments



Key factors of success



How to shape your idea



How to find partners & build a consortium



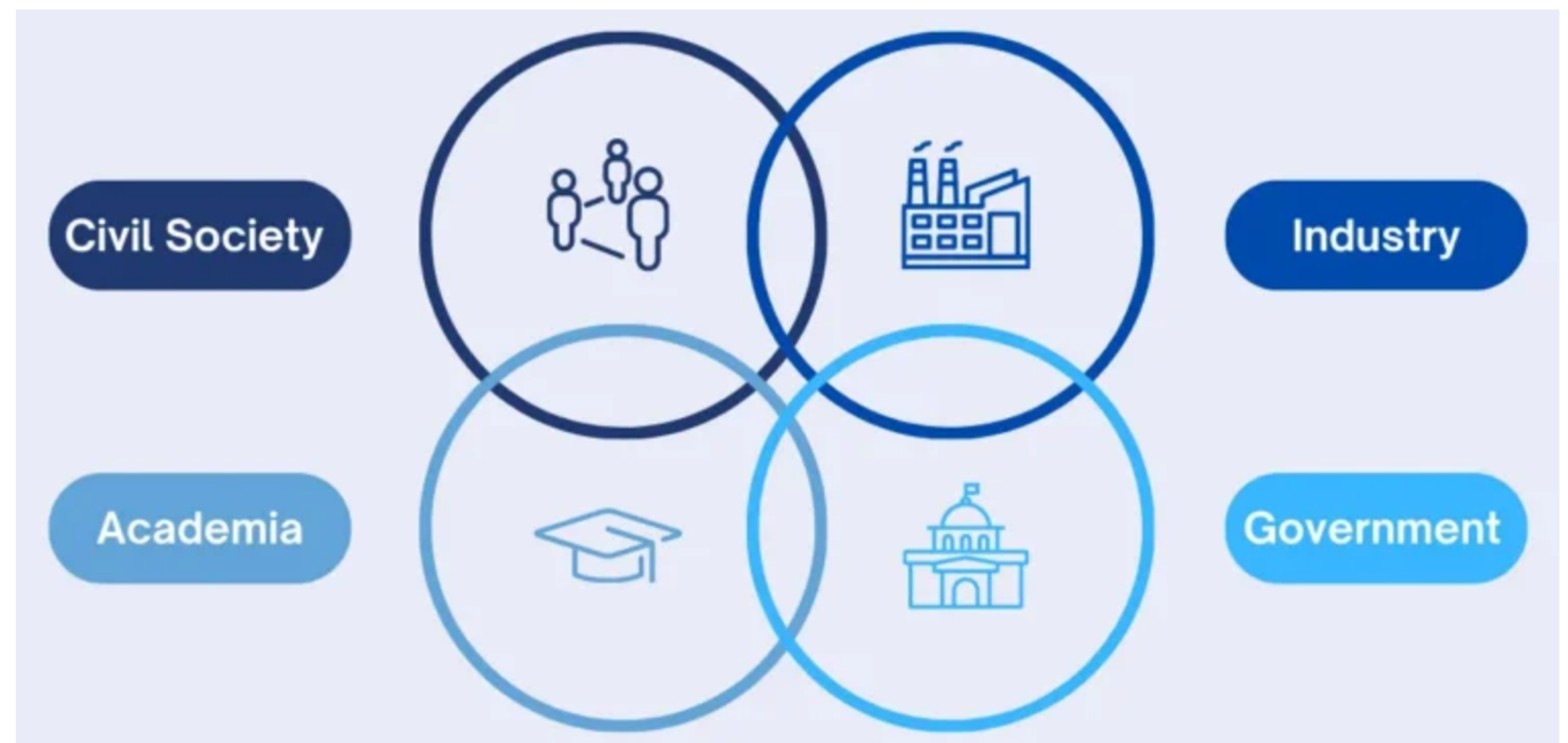
Basics of proposal preparation

Horizon Europe project are implemented by consortia



- 5–10–15 partners
- Minimum 3 organisations from 3 different countries (Member states of or Associated Countries)
- Quadruple Helix
- SMEs are important

QUADRUPLE HELIX



How to find partners – active search



**Funding &
Tenders Portal
Partner search
announcements**



**Thematic
Partner
Search Tools
& Brokerage
Events**



**CORDIS & Horizon
Dashboard
Organizations
active in Horizon
2020/Horizon
Europe**



**LinkedIn
personalities
& thematic
groups**



**Networking:
thematic
conferences,
events,
participation
in networks**

How to find partners – active search



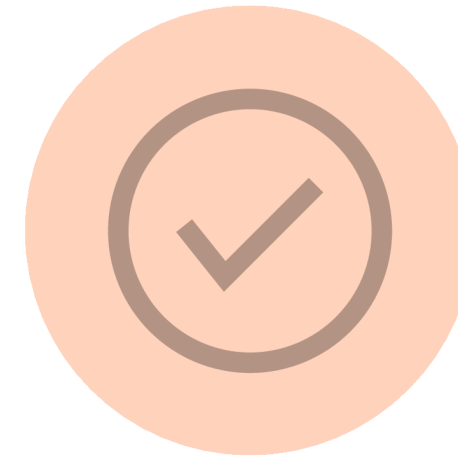
**Funding &
Tenders Portal
Partner search
announcements**



**Thematic
Partner
Search Tools
& Brokerage
Events**



**CORDIS & Horizon
Dashboard
Organizations
active in Horizon
2020/Horizon
Europe**



**LinkedIn
personalities
& thematic
groups**



**Networking:
thematic
conferences,
events,
participation
in networks**

Funding and Tenders Partner Search

- Available for each open call on F&T
- Published by topic
- All can view announcements
- All can publish announcement

The screenshot displays the EU Funding & Tenders Portal interface. At the top, there is a navigation bar with links for Procurement, Projects & results, News & events, Work as an expert, and Guidance & documents. Below this, a section titled 'Topic conditions and documents' contains 'General conditions' with links to Annex A and Annex E, and 'Proposal page limits and layout'. The 'Partner search announcements' section is highlighted with an orange border and shows 34 searches of partners to collaborate on this topic, with a 'View / Edit' button. Below this, the 'Start submission' section states that the submission system is planned to be opened on the date stated on the topic header.

EU Funding & Tenders Portal

Procurement ▾ Projects & results ▾ News & events ▾ Work as an expert Guidance & documents ▾

main strategic goals. Striving towards excellence requires a stronger R&I system where best practice is disseminated faster across the European Union. The strategic plan for Horizon Europe

▾ Show more

Topic conditions and documents

General conditions

1. **Admissibility conditions:** described in [Annex A](#) and [Annex E](#) of the Horizon Europe Work Programme General Annexes

Proposal page limits and layout: described in Part B of the Application Form available in the Submission System...

▾ Show more

Partner search announcements

34

Searches of partners to collaborate on this topic

[View / Edit](#)

LEARs, Account Administrators or self-registrants can publish partner requests for open and forthcoming topics after logging into this Portal, as well as any user having an active public Per

Start submission

The submission system is planned to be opened on the date stated on the topic header.

Funding and Tenders Partner Search

- Expertise offer
- Expertise request
- Only account admins or LEARs can add!
- Reply comes to LEAR email – add your in offer text!
- Only 500 characters allowed – short and concise!

the topic

+ Add

PublishedWithdrawn

Search by name, description...

Expertise requestExpertise offer

Search

160 item(s) found

☐ Expertise offer

☐ Expertise request

Sort by

NON-GOVERNMENTAL ORGANIZATION AGENCY OF EUROPEAN INNOVATIONS

OrganisationContact

AEI (aei.org.ua) is a research and consultancy organisation that acts as an innovation bridge between science, business, authorities, and other stakeholders. AEI has experience in projects under the FP7, Horizon 2020 and Horizon Europe. Our specialisation: project management, innovation management, analytical studies, interdisciplinary research, human behaviour, security, e-learning, gender aspects, public awareness, dissemination, communication and public engagement. Contact: kul.ivan@gmail.com

Organisation type	Research Organisation	Type of request	Expertise offer
Country	Ukraine	Request date	09 May 2023
Status	Published		

RBZ Robot Design S.L.

OrganisationContact

RBZ embedded Logics is a Spanish SME specialized in providing embedded custom solutions. The goal of RBZ is to design electronic equipment fulfilling the needs of customers and partners to complement their research and development departments, both in the electronic research and integration. RBZ expertise is concentrated in processing, interfaces, IoT, linux, real time and FPGAs, ..., applied to several fields, such as medical, space, environment, security, IoT, communications, transport, ...

Organisation type	Small or medium-size enterprise	Type of request	Expertise offer
Country	Spain	Request date	28 May 2023
Status	Published		

Asociatia Green Technology/Tehnologia Verde

OrganisationContact

How to find partners – active search



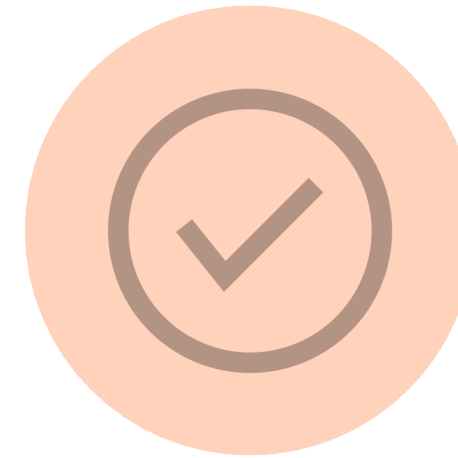
**Funding &
Tenders Portal
Partner search
announcements**



**Thematic
Partner
Search Tools
& Brokerage
Events**



**CORDIS & Horizon
Dashboard
Organizations
active in Horizon
2020/Horizon
Europe**



**LinkedIn
personalities
& thematic
groups**



**Networking:
thematic
conferences,
events,
participation
in networks**

Thematic NCP networks

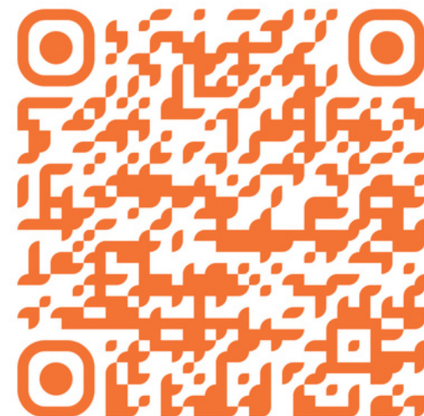
GREENET Partner Search Tool


Greenet



1219 registered participants
17 from Estonia

<https://greenet-partner-search-tool.b2match.io/>





GREENET Partner Search Tool

[Info](#) [How it works](#) [FAQ](#) [Contact](#) [Events](#) [Destinations](#)

GREENET Partner Search Tool

An online database that manages Cluster 5 networking opportunities.

The GREENET Partner Search Tool brings together organisations (Coordinators as well as partners) from across the world. This is a unique opportunity to generate new contacts and collaborate on potential Horizon Europe projects. Meetings will take place in a dedicated area and will be arranged in advance by means of this website throughout the whole year (2024).



The second purpose of the Greenet platform is online events. Stay updated with our online events by checking out the "Events" tab.

The GREENET Partner Search Tool will remain active for the whole of Horizon Europe, up till the end of December 2027.














You may also register for the **EU Missions partner search tool** which is managed by the **NCP4MISSIONS**. We suggest you follow and register on this platform for everything related to the EU Missions and the NEB destination.


[Register now](#)
Open until 30 December 2024

ORGANISED BY



PARTICIPANTS

	Türkiye	275
	France	176
	Spain	165
	United Kingdom	102
	Belgium	54
	Italy	46
	Poland	36
	Portugal	35
	Tunisia	28
	Germany	27
	Greece	24
	Cyprus	22
	Netherlands	22

 **Areas of intervention**

- Climate science and solutions
- Energy supply
- Energy systems and grids
- Buildings and industrial facilities in energy transition
- Communities and cities
- Industrial competitiveness in transport
- Clean, safe and accessible transport and mobility
- Smart mobility
- Energy storage

Cluster 5 (Climate, Energy and Mobility) aims to fight climate change by better understanding its causes, evolution, risks, impacts and opportunities, and by making the

Thematic Brokerage Events

Cluster 5 BROKERAGE EVENT

18th October 2023, online

HORIZON EUROPE

Horizon Europe CLUSTER 5 calls for proposals 2024



GREENET Brokerage Event
for HE Cluster 5 - 2024 calls

[Info](#) [How it works](#) [Oral presentations/ Pitching session](#) [Cluster 5 Work Programme 23-24](#) [FAQ](#) [Contact us](#)

Welcome to

Horizon Europe - Cluster 5 calls 2024 - VIRTUAL Brokerage Event

Within the Framework of the EC Horizon Europe Cluster 5 Infoday, GREENET, the network of Horizon Europe CL5 National Contact Points, is organizing a networking and brokerage event - jointly supported by Enterprise Europe Network - focusing on the 2024 calls for proposals from the Work Programme of "Cluster 5: Climate, Energy and Mobility"!

Within the Framework of the EC Horizon Europe Cluster 5 Infoday, GREENET, the network of Horizon Europe CL5 National Contact Points, is organizing a networking and brokerage event focusing on the 2024 calls for proposals from the Work Programme of "Cluster 5: Climate, Energy and Mobility"!

REGISTRATION

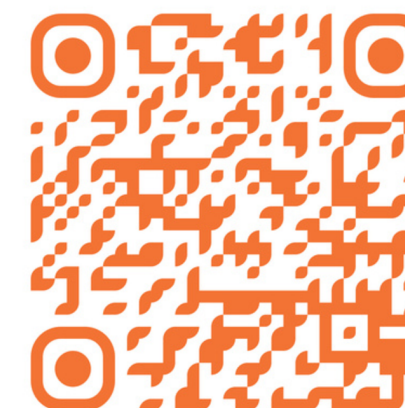
Closed since 30 September 2023

ORGANISED BY



Business Support on Your Doorstep

CL5- Greenet -
Network of
NCPs



<https://horizoneuropencpportal.eu/cluster-5>

Thematic Brokerage Events

GREENET Brokerage Event for HE Cluster 5 - 2024 calls
October 18, 2023

HomeParticipantsCooperation profilesAgendaContactPitching session - Live streamLoginRegistration closed

Cooperation profiles

655 Opportunities found

Search

PROJECT COOPERATION (655)

PROJECT COOPERATION

June 11, 2024

Industrialisation of sustainable and circular deep renovation workflows.

BE-ST as an international centre of excellence and Scotland's National Retrofit Centre we collaborate across the entire built environment ecosystem, bringing together four key stakeholder groups; indust...

EarlyHORIZON-CL5-2024-D4-02-01Partner looking for consortium+1

AJ

Alan Johnston
Impact Manager at Built Environment - Smarter Transformation
Blantyre, United Kingdom

PROJECT COOPERATION

March 21, 2024

Grand Challenges – Clean Growth and Future of Mobility

1. Here is a brief description of my work
(https://microsites.bournemouth.ac.uk/expert-directory/dr-zulfiqar-khan/). 2. Here is a list of some rel...

EarlyPlanningExecutionHORIZON-CL5-2024-D2-02-01+2

ZK

Zulfiqar Khan
Professor at Bournemouth University
Bournemouth, United Kingdom

PROJECT COOPERATION

November 08, 2023

<https://greenet-brokerage-event-2024.b2match.io/>

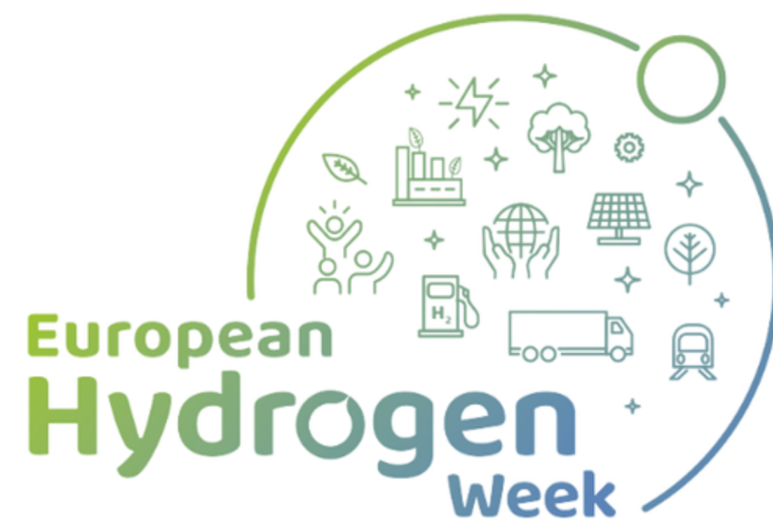
A square QR code with an orange color scheme, used for quick access to the event page.

Thematic Networking Events



<https://www.waterborne.eu/events/upcoming-events/waterborne-days-2025>

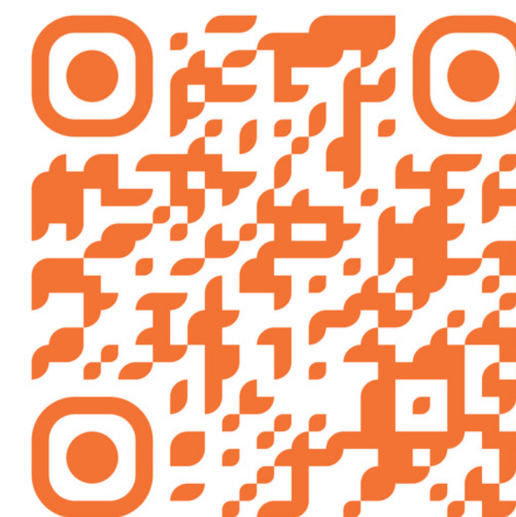
Thematic Networking Events



18 - 22 November 2024

Brussels, Belgium

euhydrogenweek.eu



<https://euhydrogenweek.eu>



How to find partners – active search



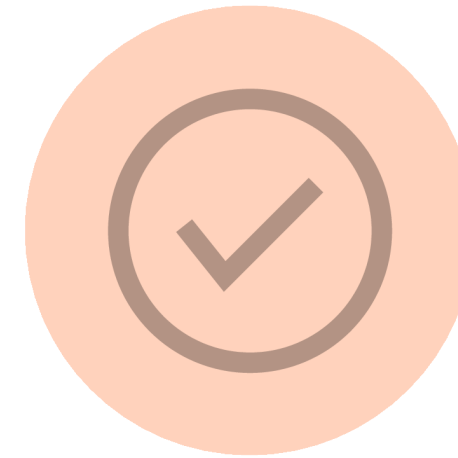
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**Thematic
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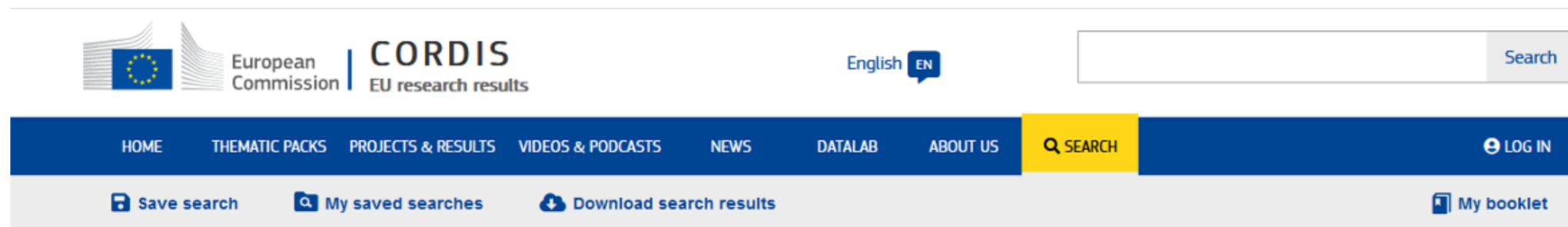


**LinkedIn
personalities
& thematic
groups**




**Networking:
thematic
conferences,
events,
participation
in networks**

Practical Advice – Analysis of “Missed Opportunities”



Search terms

Filters

CONTENT Collection	+	CONTENT Domain of Application	+	CONTENT Language	+	CONTENT Programme	+	CONTENT Last updated	+
PROJECT Acronym / ID	+	PROJECT Field of Science	+	PROJECT Start/End date	+	PROJECT Total cost	+	PROJECT EU contribution	+
		PROJECT Topic ID	+	ORGANISATION Organisation name	+	ORGANISATION Organisation country	+	ORGANISATION Organisation region	+



<https://cordis.europa.eu/search>

- Analyse previously funded projects on CORDIS (Horizon Europe and Horizon 2020)
- Set filters: Collection = Projects; Framework Programmes = Horizon 2020 and Horizon Europe Programmes, search term = maritime
- Identify potential partners
- Pay attention who coordinates
- Check project website

ropa.eu/search?q=contenttype%3D%27project%27%20AND%20programme%2Fcode%3D%27HORIZON-CL5-2021-D5...

Filters

Collection: Projects ✕

Programme: HORIZON-CL5-2021-D5-01-10 ✕

✕ Clear all filters

☐ Include archived content ⓘ

5 results found

Last update ▾Title ▾

HORIZON
EUROPE

PROJECT

RESHIP Redefine energy Efficiency solutions for hydrogen powered SHIPs in marine and inland waterway

ID: 101056815

From: 1 September 2022 to: 31 August 2025

Under the framework of Zero Emission Waterborne Transport (ZEWT), hydrogen as the future fuel for ships offers an opportunity to zero the GHG emission. Nevertheless, the challenges for onboard hydrogen storage and utilisation obstruct this long desired revolution. Novel and...

Coordinated in: France

Programme: [Clean, Safe and Accessible Transport and Mobility](#), [Climate, Energy and Mobility](#), [Industrial Competitiveness in Transport](#)

Last update: 15 September 2022

Add to my booklet

HORIZON
EUROPE

PROJECT

ZHENIT Zero waste Heat vessel towards relevant ENergy savings also thanks to IT technologies

ID: 101056801

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ZHENIT overall objective is to promote Waste Heat Recovery (WHR) as key and "ready-to-implement" solutions to achieve 2030 IMO/EU targets for shipping sector decarbonization. ZHENIT goal is to fully untap "on-board WH potential" developing and validating WHR solutions...

Coordinated in: Italy

Programme: [Clean, Safe and Accessible Transport and Mobility](#), [Climate, Energy and Mobility](#), [Industrial Competitiveness in Transport](#)

Last update: 5 September 2022

Add to my booklet

HORIZON
EUROPE

PROJECT


OPTIWISE OPTImised WInd Supported vEssels

ID: 101056769

From: 1 June 2022 to: 31 May 2025

The need to reduce energy consumption and emissions to bring global warming to a halt is unprecedented. Although there are energy saving strategies, most innovations cannot simply be merged in conventional ship design. As the solution for making ships carbon neutral will...

Coordinated in: Netherlands



Fact Sheet

Reporting

Results

High Efficiency Low Emission Nautical Solid Oxide Fuel Cell

Objective

The HELENUS project will build, integrate and demonstrate a 500kW solid oxide fuel cell (SOFC) module operating in cogeneration (combined heat and power) mode, in an MSC World class series ocean cruise vessel. The SOFC will be fully integrated- spatially, electrically, and thermally- into the ship design. SOFCs are the most efficient chemical energy converters available today, and are also highly fuel-flexible- thereby remaining highly relevant for the future of waterborne transport. The HELENUS demonstrator will achieve a TRL of 7 at the end of the project, with extended field testing already planned to reach TRL8 by 2028-2029. Success of this project will enable upscaling of mature SOFC technology in ocean cruise liners to as high as 20MW, by as early as 2029. This can unlock over 23% total fuel savings (assuming a hybrid 20MW SOFC+60MW ICE energy system) over a state-of-the-art energy system with only ICEs. The HELENUS consortium involves diverse and accomplished stakeholders representing the entire value chain from technology development to field implementation- creating a rapid pathway towards exploitation and commercialisation.

HELENUS will also undertake extensive simulation, experimental (using an 80kW scaled-down SOFC module), and analytical efforts to demonstrate the applicability of the developed SOFC solution (i) upon significant scale-up (10 MW and beyond), (ii) over duty cycles of alternate applications such as dredging- and offshore- vessels, and (iii) using carbon-neutral fuels with potential for future maritime uptake. Experimental results will be complemented by application case- and lifecycle performance- analyses to assess the broader impact of the technology on waterborne transport. Therefore, HELENUS creates a technological and regulatory roadmap towards a maritime future with scaled-up clean energy systems operating on renewable fuels – thereby fostering innovation and significantly boosting the competitiveness of the EU maritime industry

Project Information

HELENUS

Grant agreement ID: 101056784

DOI

[10.3030/101056784](https://doi.org/10.3030/101056784)

EC signature date

17 May 2022

Start date

1 July 2022

End date

30 June 2027

Funded under

Climate, Energy and Mobility

Total cost


€ 15 670 245,00

EU contribution

€ 14 866 244,50

Coordinated by

DEUTSCHES ZENTRUM FÜR LUFT - UND RAUMFAHRT EV



Legend | Map data © OpenStreetMap contributors, Credit: EC-GISCO, © EuroGeographics for the administrative boundaries

Coordinator

**DEUTSCHES ZENTRUM FÜR LUFT - UND RAUMFAHRT
EV**

Address
LINDER HOHE
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Germany 🇩🇪

Region
Nordrhein-Westfalen > Köln > Köln, Kreisfreie Stadt

Activity type
Research Organisations

Links
[Contact the organisation](#)
[Website](#)
[Participation in EU RAI programmes](#)
[HORIZON collaboration network](#)

Net EU contribution
€ 1 740 275,00

Total cost
€ 1 740 275,00

Participants (11)








Sort alphabetically

Sort by Net EU contribution




















Expand all

Leaflet | Map data © OpenStreetMap contributors, Credit: EC-GISCO, © EuroGeographics for the administrative boundaries

Coordinator

	DEUTSCHES ZENTRUM FÜR LUFT - UND RAUMFAHRT EV Address LINDER HOHE 51147 Köln   Germany Region Nordrhein-Westfalen > Köln > Köln, Kreisfreie Stadt Activity type Research Organisations Links Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network 	Net EU contribution € 1 740 275,00 Total cost € 1 740 275,00
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Participants (11)

Sort alphabetically 	Sort by Net EU contribution 	Expand all
	CLARA VENTURE LABS AS   Norway	Net EU contribution € 0,00 
	TECHNISCHE UNIVERSITEIT DELFT  Netherlands	Net EU contribution € 569 610,00 
	IHC MTI BV  Netherlands	Net EU contribution € 416 500,00 
	IHC MERWEDE EMPLOYMENT BV  Netherlands 	Net EU contribution € 65 250,00 
	BALANCE TECHNOLOGY CONSULTING GMBH  Germany	Net EU contribution € 367 312,00 

How to find partners – active search



**Funding &
Tenders Portal
Partner search
announcements**



**Thematic
Partner
Search Tools
& Brokerage
Events**



**CORDIS & Horizon
Dashboard
Organizations
active in Horizon
2020/Horizon
Europe**



**LinkedIn
personalities
& thematic
groups**



**Networking:
thematic
conferences,
events,
participation
in networks**



How to find partners & build a consortium

YOUR QUESTIONS?

Agenda of Training #1



HORIZON EUROPE



Horizon Europe Structure & Instruments



Key factors of success



How to shape your idea



How to find partners & build a consortium



Basics of proposal preparation

AUDIENCE QUESTION #5

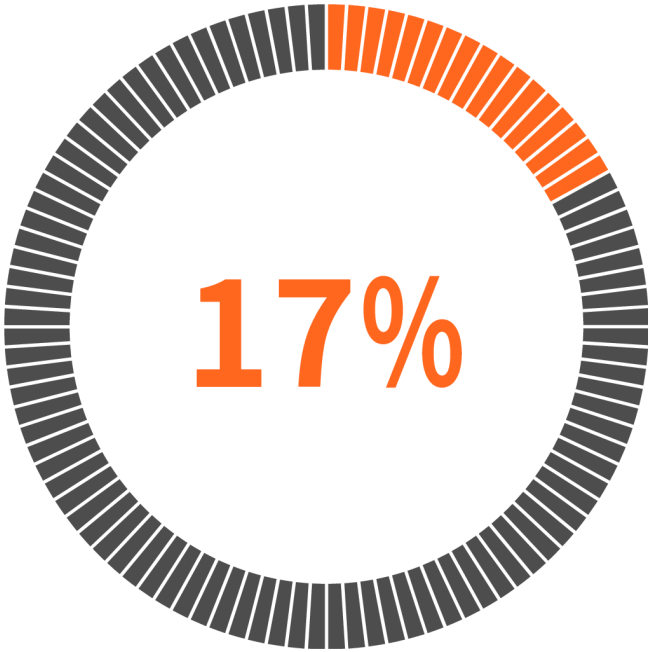
What is the average success rate in HE?



Join at menti.com | use code 29 33 95 1

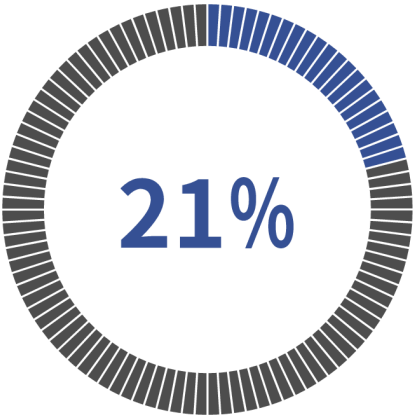
AUDIENCE QUESTION #5

Overall programme 2021 – 2023

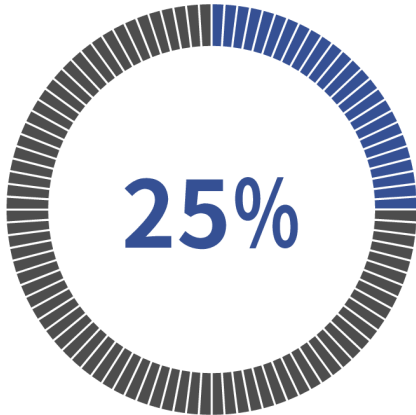


Source: Horizon Dashboard

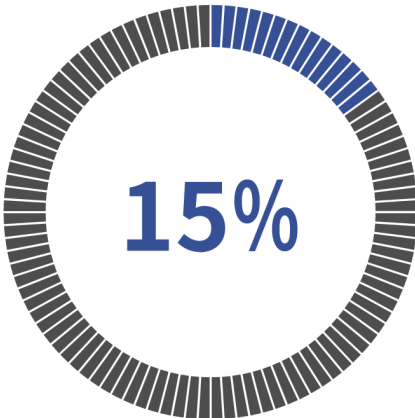
**Pillar II
Cluster 5**



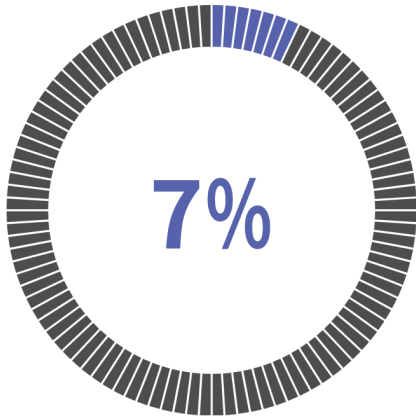
Widening



ERC



EIC Pathfinder



AUDIENCE QUESTION #6

How many hours needed to write a proposal?



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Recent studies of Horizon Europe 2021–2023

COORDINATORS

*consortia up to
14 partners*



average
36–45
person days

*consortia
15+ partners*



average
46 – 65
person days

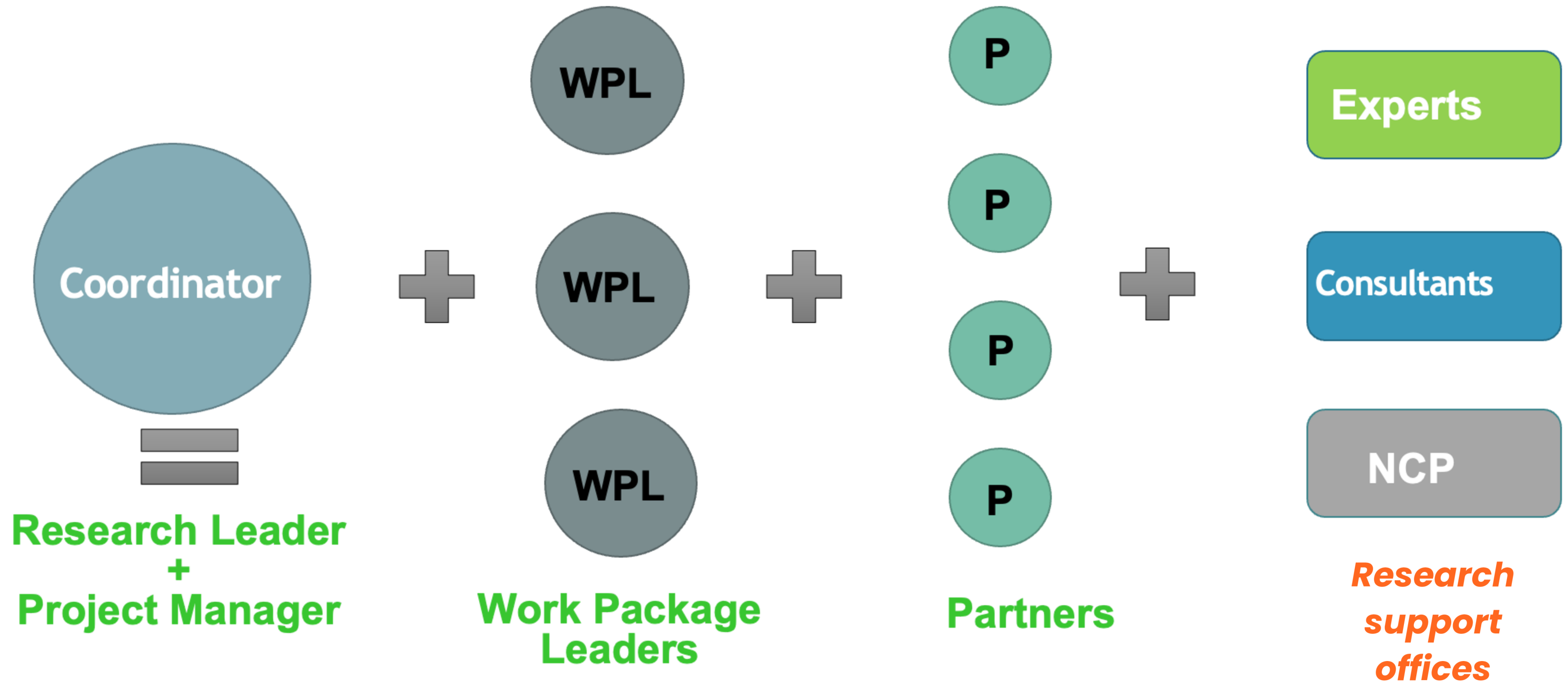
PARTNERS



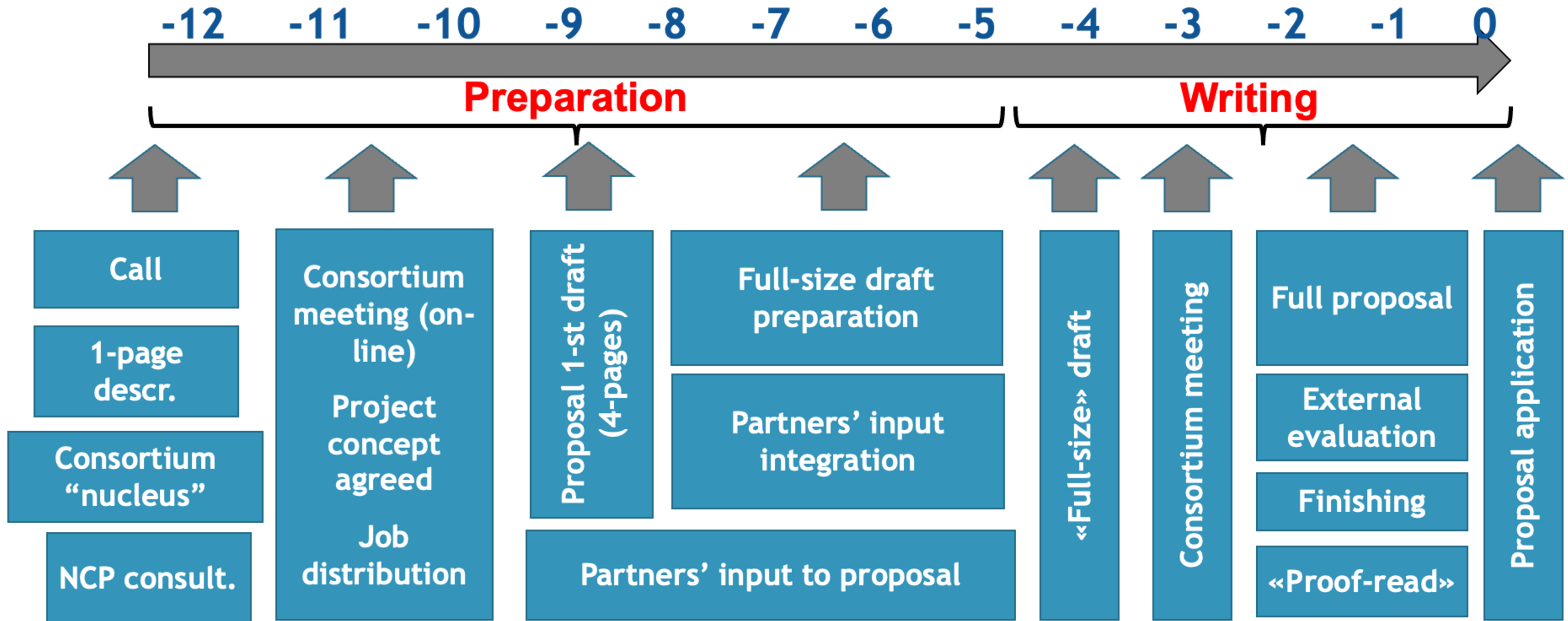
average
16 – 25
person days



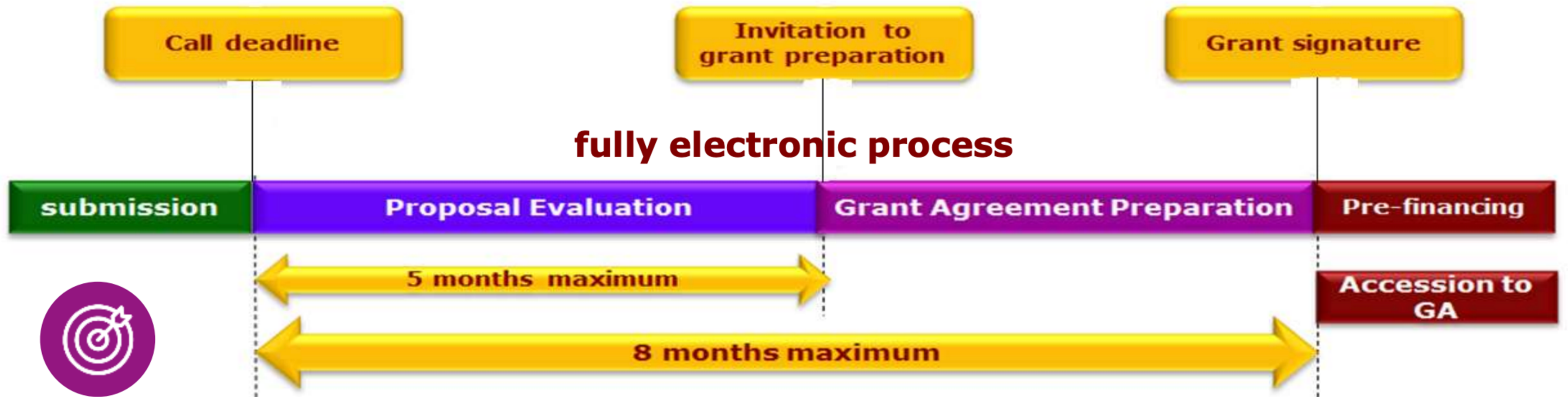
Who are involved in proposal



Proposal writing timeline (weeks to deadline)



Proposal evaluation timeline



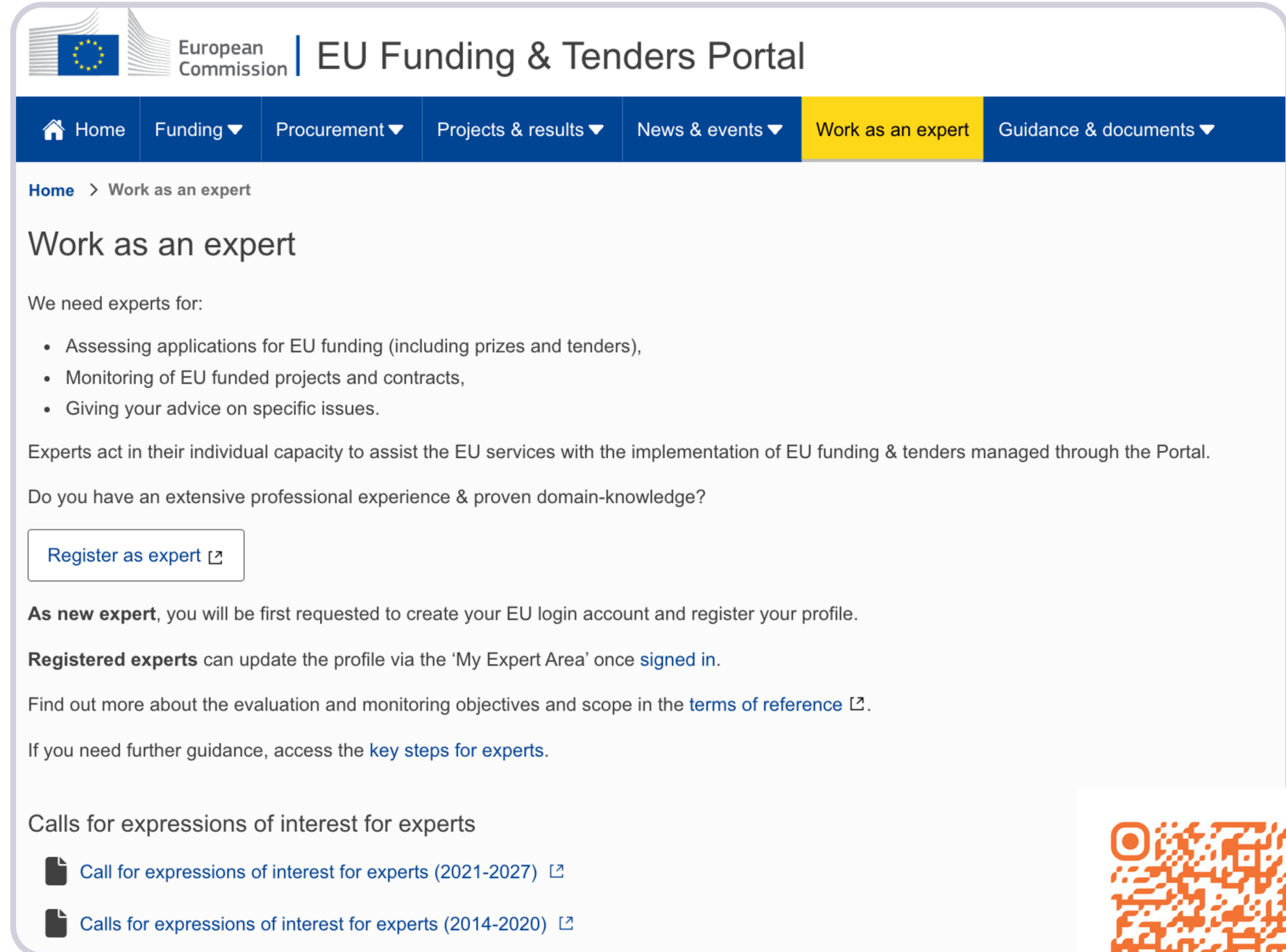
It is now taking an average of **273 days** between when calls close and grants are signed.
That's 23 days longer than for the equivalent period in Horizon 2020

Proposal evaluation process



Tip: Become Evaluator

- Evaluators are selected by Project Officer
 - Matching keywords from Topic Description
 - The best scientists in the field
 - Speakers at the European Conferences
 - Participated in projects
 - Recommendations from NCPs
-
- Shortage of Evaluators from Industry
 - Gender balance – 40% of panels vs. only 15% in database!
 - 5000+ experts per year. Rotation 25% per year
 - Resonable distribution of geographic origins



The screenshot shows the 'EU Funding & Tenders Portal' with the 'Work as an expert' section highlighted. The page includes a navigation bar with links to Home, Funding, Procurement, Projects & results, News & events, Work as an expert, and Guidance & documents. The main content area is titled 'Work as an expert' and lists the roles of experts: assessing applications, monitoring projects, and giving advice. It also provides a 'Register as expert' button and information about the registration process, including the requirement to create an EU login account and the availability of a 'My Expert Area' for updates. Links to 'terms of reference' and 'key steps for experts' are provided. At the bottom, there are links to 'Calls for expressions of interest for experts' for the periods 2021-2027 and 2014-2020.

European Commission | EU Funding & Tenders Portal

Home > Work as an expert

Work as an expert

We need experts for:

- Assessing applications for EU funding (including prizes and tenders),
- Monitoring of EU funded projects and contracts,
- Giving your advice on specific issues.

Experts act in their individual capacity to assist the EU services with the implementation of EU funding & tenders managed through the Portal.

Do you have an extensive professional experience & proven domain-knowledge?

[Register as expert](#)

As new expert, you will be first requested to create your EU login account and register your profile.

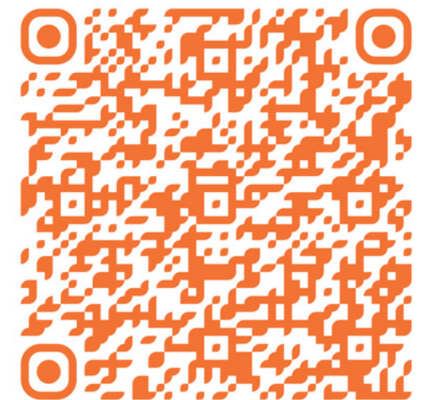
Registered experts can update the profile via the 'My Expert Area' once [signed in](#).

Find out more about the evaluation and monitoring objectives and scope in the [terms of reference](#).

If you need further guidance, access the [key steps for experts](#).

Calls for expressions of interest for experts

- [Call for expressions of interest for experts \(2021-2027\)](#)
- [Calls for expressions of interest for experts \(2014-2020\)](#)



Proposal Writing Training Teaser



● **How to make proposal easy to read to non-professionals?**

● **How to have a good mix of text and visual elements?**

● **How to catch attention from 1st page (better from abstract)?**

● **How to made proposal plausible but convincing?**

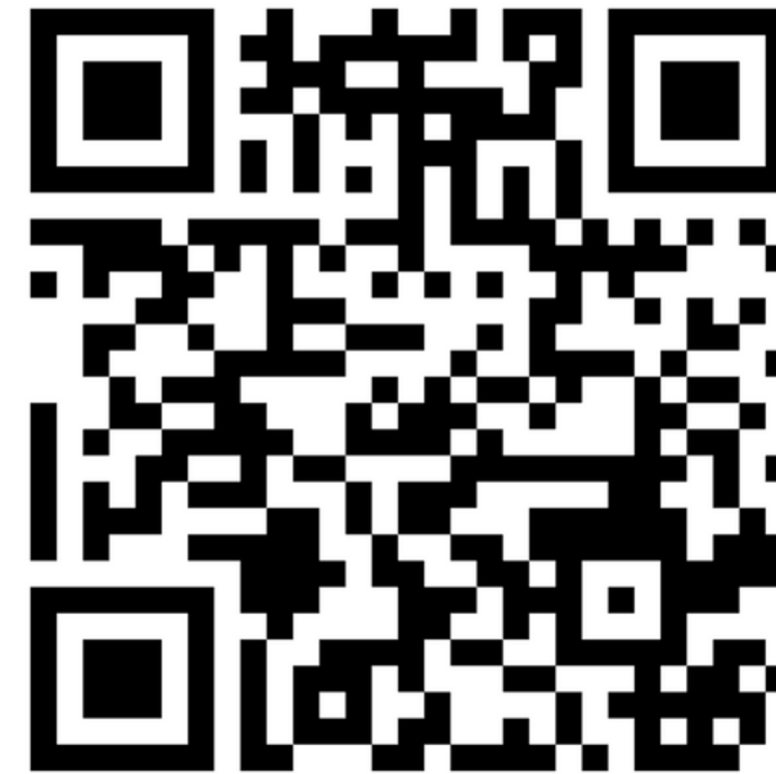


Basics of proposal preparation

YOUR QUESTIONS?

AUDIENCE QUESTION #7

Your feedback about training #1



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Thank You

For Your Attention

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