Förberedelser inför en ansökan
Kl. 11.00 - 11.45

European Commission

VINNOVA

Horizon Europe

Framework programme for research and innovation 2021–2027

European Commission

VINNOVA

NCP?

- National EU-node

NCP

- National contact points

- Answers questions on Horizon Europe
- Helps to find matching calls and topics
- Legal and financial advice
- Spreads information
- Strategic advice

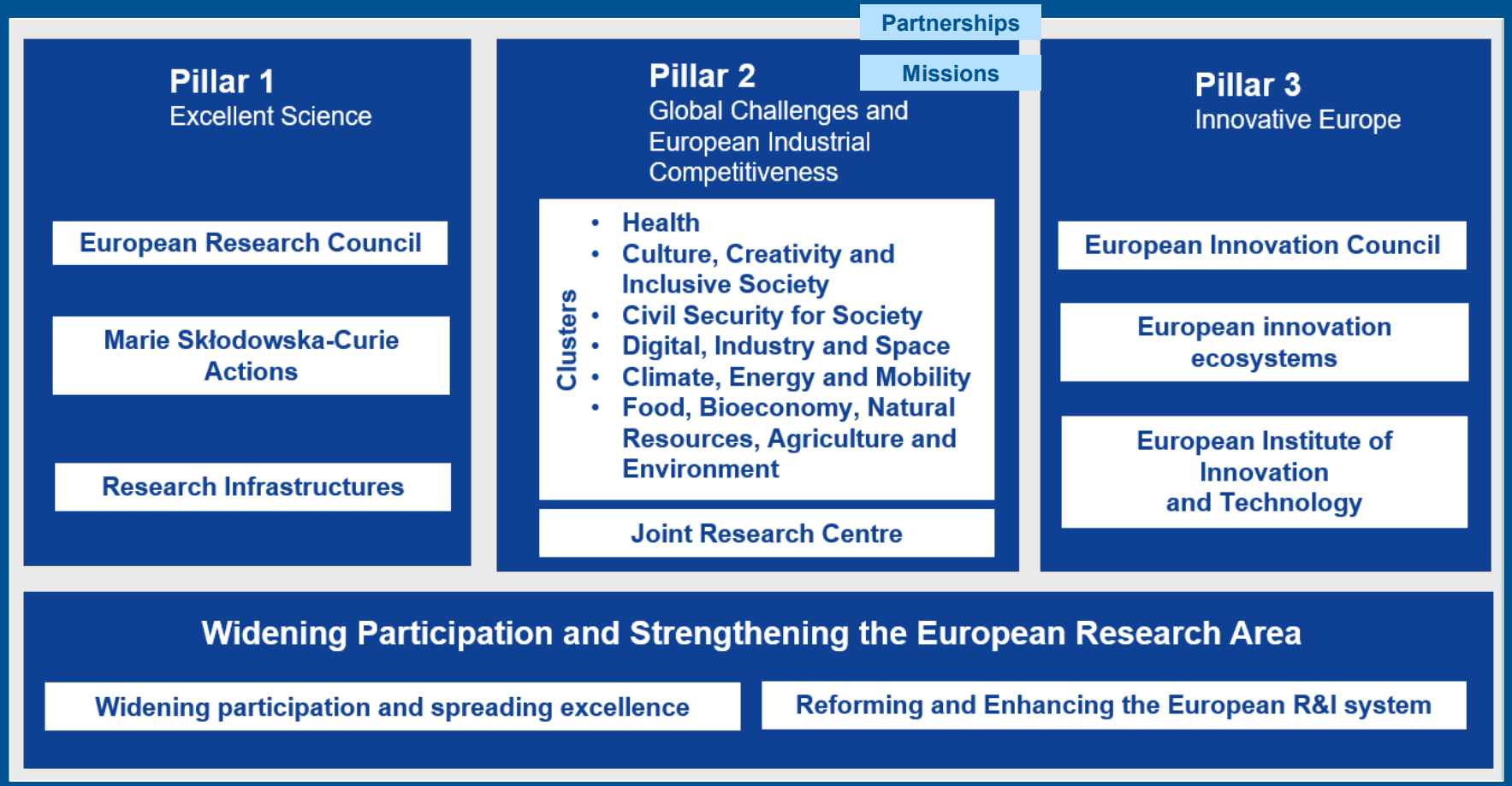
Information from SE system to EC
via NCP networks, experts and PC

The Horizon framework programme is a **POLITICAL INSTRUMENT** where research and innovation are needed to achieve political priorities

European Commission

VINNOVA

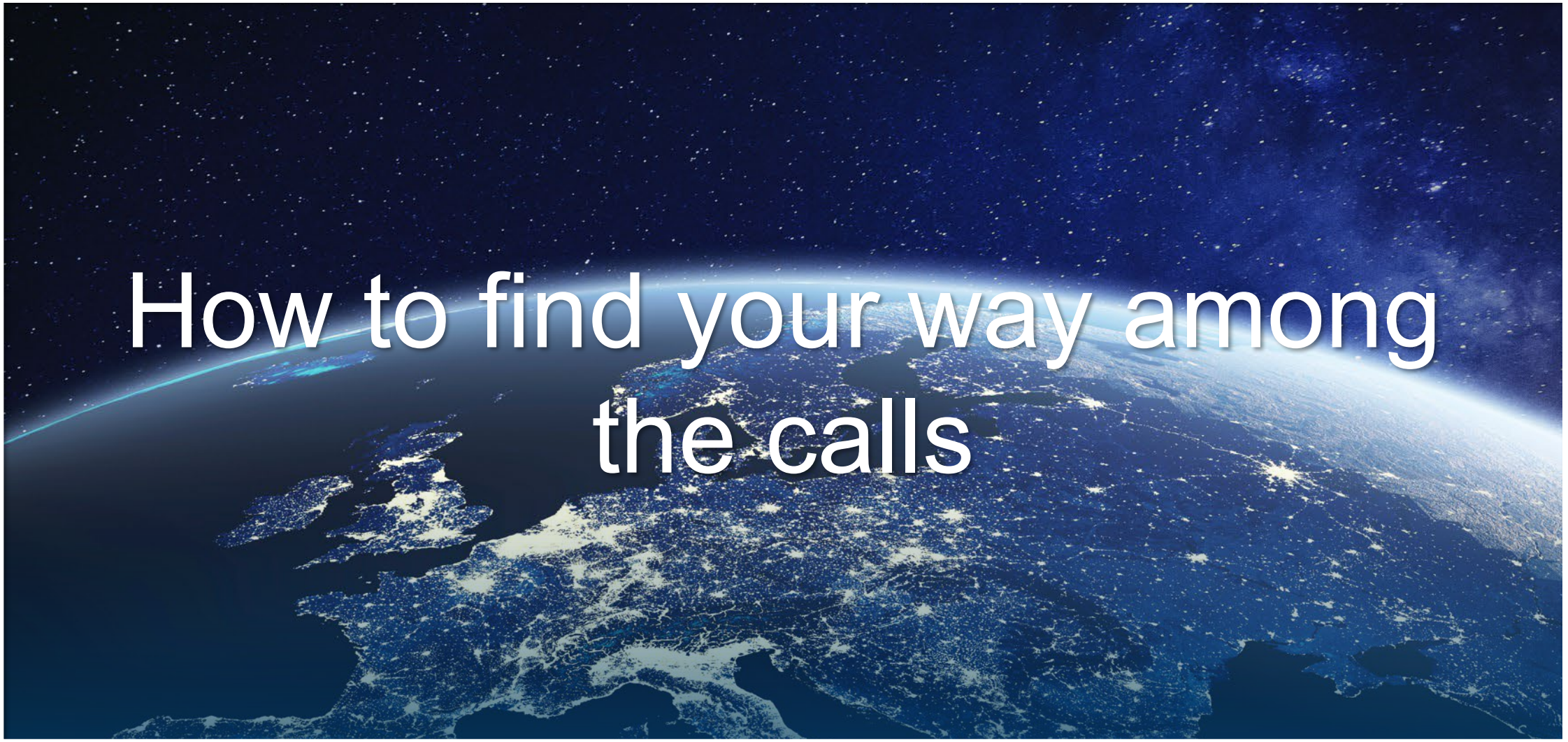
Horizon Europe



European Commission

VINNOVA

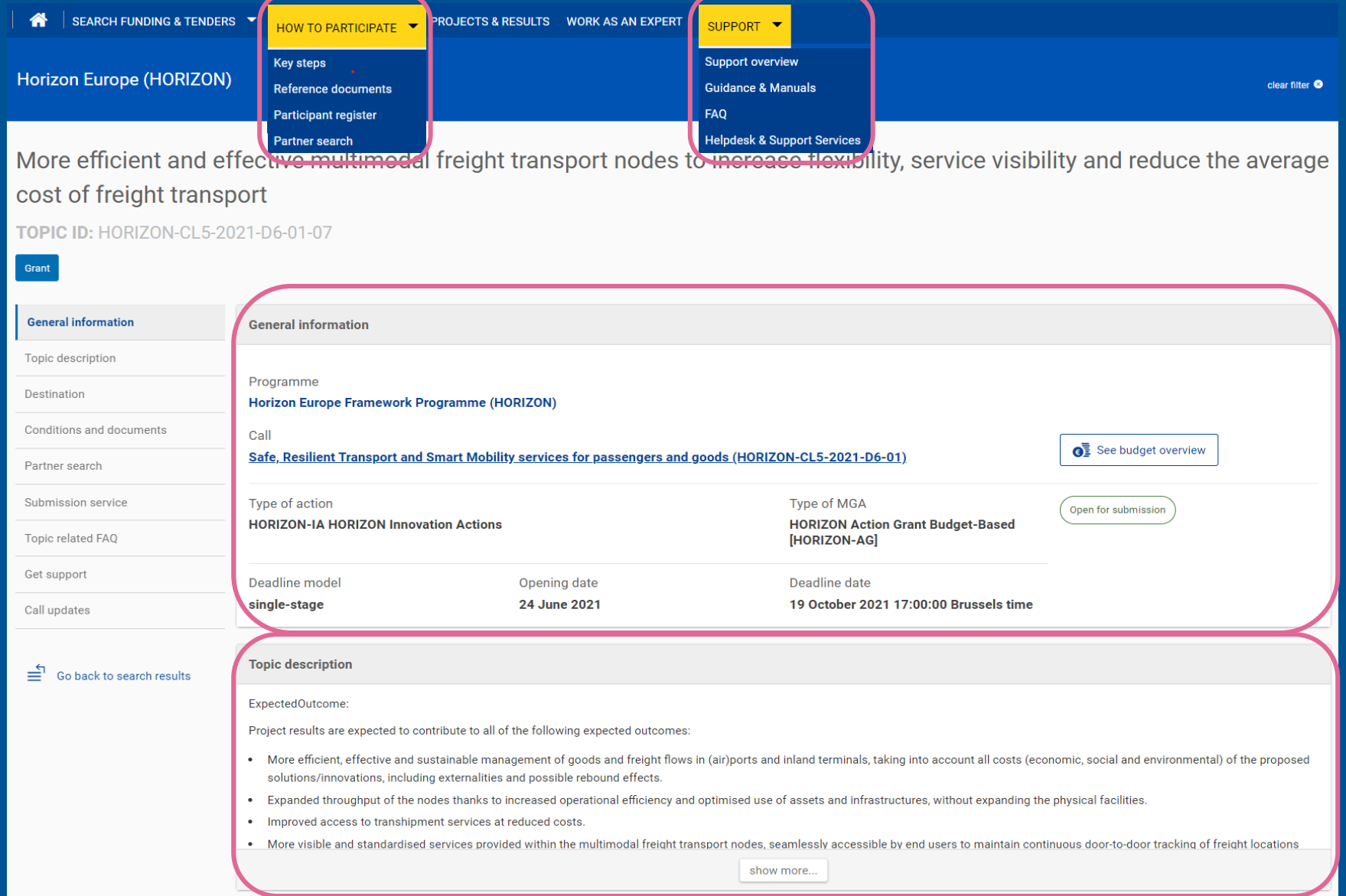
How to find your way among the calls



European Commission

VINNOVA

Funding and Tenders Portal



European Commission

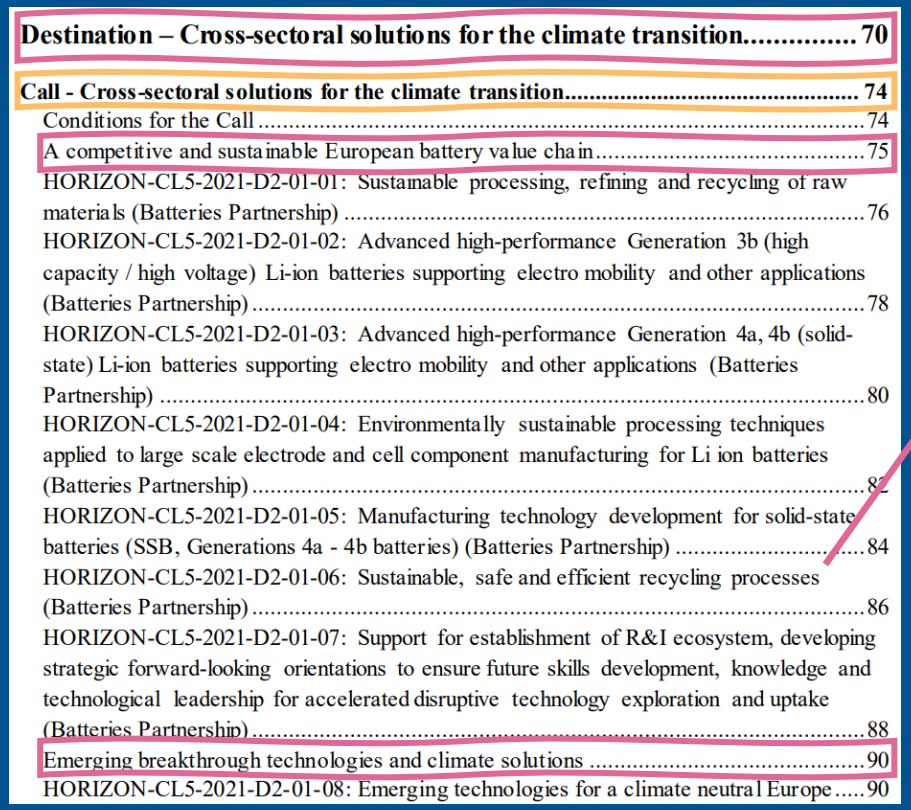
VINNOVA

Work Programme (WP)

Destinations

Call areas

Topics



Destination – Cross-sectoral solutions for the climate transition..... 70

Call - Cross-sectoral solutions for the climate transition..... 74

Conditions for the Call 74

A competitive and sustainable European battery value chain 75

HORIZON-CL5-2021-D2-01-01: Sustainable processing, refining and recycling of raw materials (Batteries Partnership) 76

HORIZON-CL5-2021-D2-01-02: Advanced high-performance Generation 3b (high capacity / high voltage) Li-ion batteries supporting electro mobility and other applications (Batteries Partnership) 78

HORIZON-CL5-2021-D2-01-03: Advanced high-performance Generation 4a, 4b (solid-state) Li-ion batteries supporting electro mobility and other applications (Batteries Partnership) 80

HORIZON-CL5-2021-D2-01-04: Environmentally sustainable processing techniques applied to large scale electrode and cell component manufacturing for Li ion batteries (Batteries Partnership) 82

HORIZON-CL5-2021-D2-01-05: Manufacturing technology development for solid-state batteries (SSB, Generations 4a - 4b batteries) (Batteries Partnership) 84

HORIZON-CL5-2021-D2-01-06: Sustainable, safe and efficient recycling processes (Batteries Partnership) 86

HORIZON-CL5-2021-D2-01-07: Support for establishment of R&I ecosystem, developing strategic forward-looking orientations to ensure future skills development, knowledge and technological leadership for accelerated disruptive technology exploration and uptake (Batteries Partnership) 88

Emerging breakthrough technologies and climate solutions 90

HORIZON-CL5-2021-D2-01-08: Emerging technologies for a climate neutral Europe 90

Topic

Expected Outcome

Scope

HORIZON-CL5-2021-D2-01-06: Sustainable, safe and efficient recycling processes (Batteries Partnership)

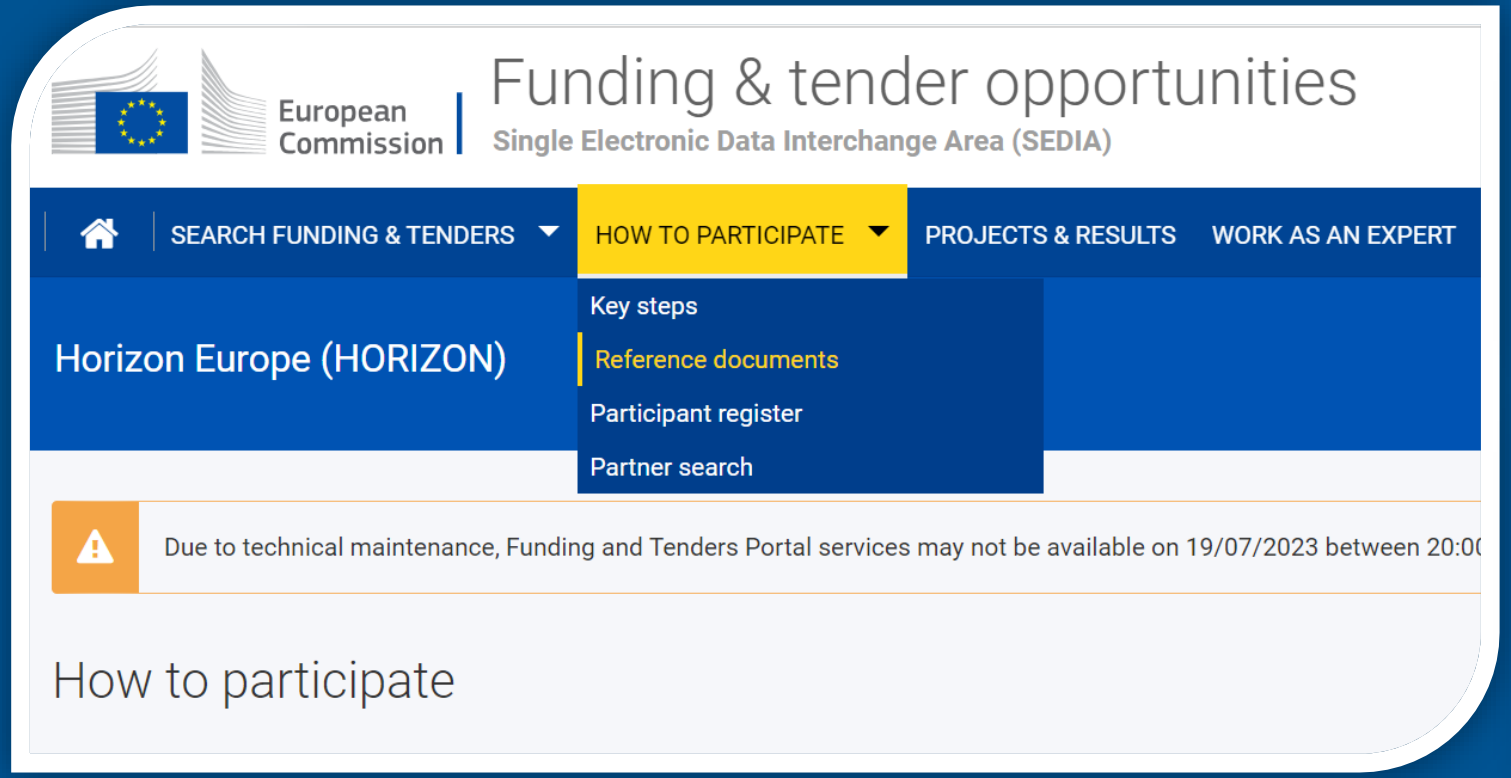
Specific conditions	
Expected EU contribution per project	The Commission estimates that an EU contribution of between EUR 9.00 and 10.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
Indicative budget	The total indicative budget for the topic is EUR 30.00 million.
Type of Action	Research and Innovation Actions
Technology Readiness Level	Activities are expected to achieve TRL 5-6 by the end of the project – see General Annex B.

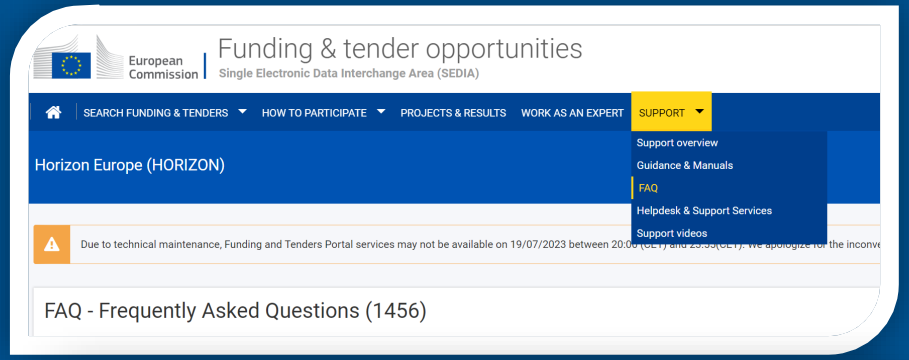
Expected Outcome: Projects are expected to contribute to the following outcomes:

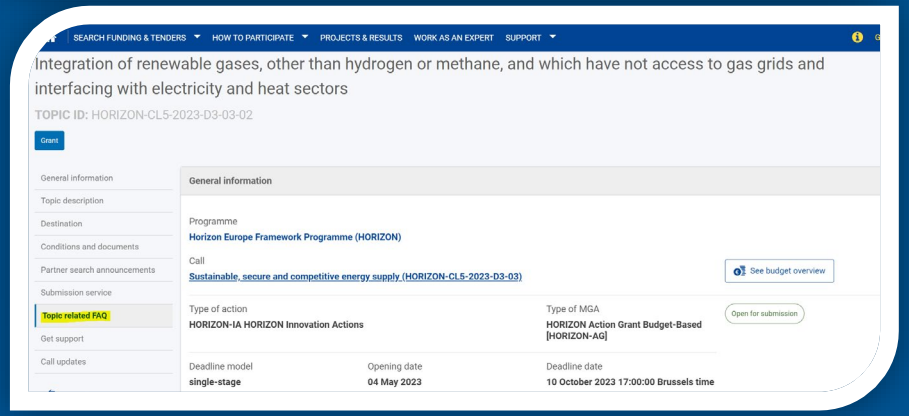
- Improved access to battery materials and strengthened European raw material independency by increased circularity of material flows and use of the secondary raw materials in new batteries produced in Europe.
- Increased European competitiveness offering sustainable, safe, energy efficient and low carbon footprint battery recycling technologies and upscaleable solutions.
- Reduced recycling cost and environmental impacts through new and disruptive concepts for very high efficiency recycling.
- Improved health and safety aspects of recycling.
- The industry is prepared to meet the new regulatory targets for the recycling.

Scope: In order to effectively exploit the vast amounts of EV and stationary battery waste emerging in the next decades, as well as the increasing amounts of production scrap resulting from larger manufacturing, it is important to create innovative feasible and holistic recycling processes in Europe.

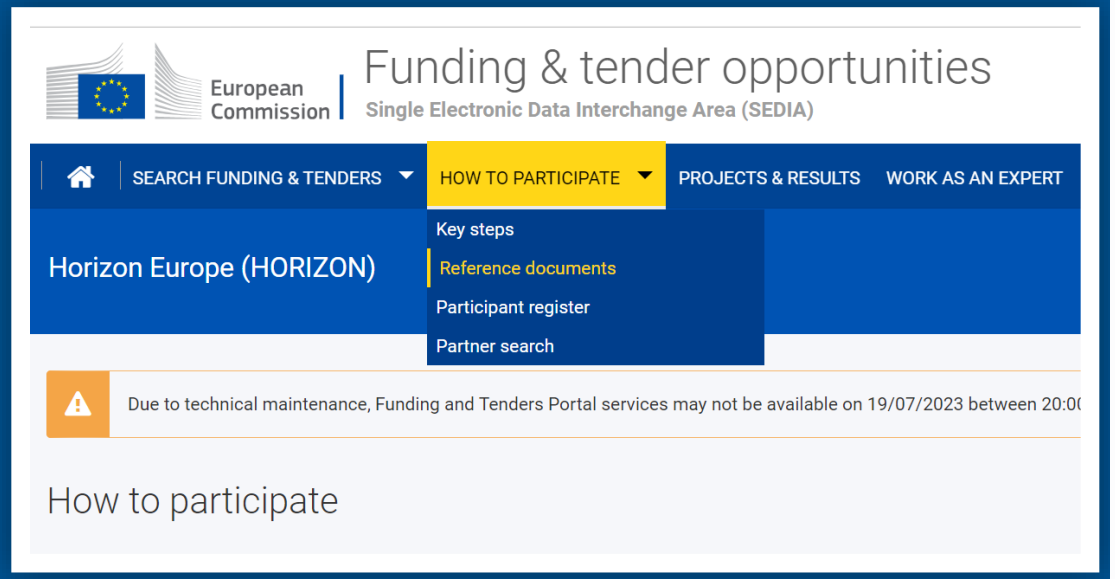
Guidance


European Commission
Funding & tender opportunities
Single Electronic Data Interchange Area (SEDIA)
SEARCH FUNDING & TENDERS
HOW TO PARTICIPATE
PROJECTS & RESULTS
WORK AS AN EXPERT
Horizon Europe (HORIZON)
Key steps
Reference documents
Participant register
Partner search
Due to technical maintenance, Funding and Tenders Portal services may not be available on 19/07/2023 between 20:0
How to participate


European Commission
Funding & tender opportunities
Single Electronic Data Interchange Area (SEDIA)
SEARCH FUNDING & TENDERS
HOW TO PARTICIPATE
PROJECTS & RESULTS
WORK AS AN EXPERT
SUPPORT
Support overview
Guidance & Manuals
FAQ
Helpdesk & Support Services
Support videos
Horizon Europe (HORIZON)
Due to technical maintenance, Funding and Tenders Portal services may not be available on 19/07/2023 between 20:00 (CET) and 23:59 (CET). We apologize for the inconve
FAQ - Frequently Asked Questions (1456)


SEARCH FUNDING & TENDERS
HOW TO PARTICIPATE
PROJECTS & RESULTS
WORK AS AN EXPERT
SUPPORT
Integration of renewable gases, other than hydrogen or methane, and which have not access to gas grids and interfacing with electricity and heat sectors
TOPIC ID: HORIZON-CL5-2023-D3-03-02
Grant
General information
Topic description
Destination
Conditions and documents
Partner search announcements
Submission service
Topic related FAQ
Get support
Call updates
General information
Programme
Horizon Europe Framework Programme (HORIZON)
Call
Sustainable, secure and competitive energy supply (HORIZON-CL5-2023-D3-03)
See budget overview
Type of action
HORIZON-IA HORIZON Innovation Actions
Type of MGA
HORIZON Action Grant Budget-Based [HORIZON-AG]
Open for submission
Deadline model
single-stage
Opening date
04 May 2023
Deadline date
10 October 2023 17:00:00 Brussels time

Guidance



- Legislation
- Work programme & call documents
- Grant agreements and contracts
- Simplified cost decisions
- Guidance
  - HE Programme Guide
  - HE List of eligible countries
  - HE Complementary funding mechanisms in third countries
  - Guidance on Participation in DEP, HE, EDF and CEF-DIG restricted calls
  - Online Manual
  - Rules for Legal Entity Validation, LEAR Appointment and Financial Capacity Assessment
  - Amendment Guide
  - AGA- Annotated Grant Agreement
  - Indicative Audit Programme (IAP)
  - Guidance on Grant Reductions
  - Rules for Arbitration
  - How to manage your lump sum grants
  - How to set up and manage HE PCP and PPI grants
  - HE MSCA Financial Guide
  - HE Social Media Guide
- Templates & forms
- Experts lists
- Funding & Tenders Portal

Guidance

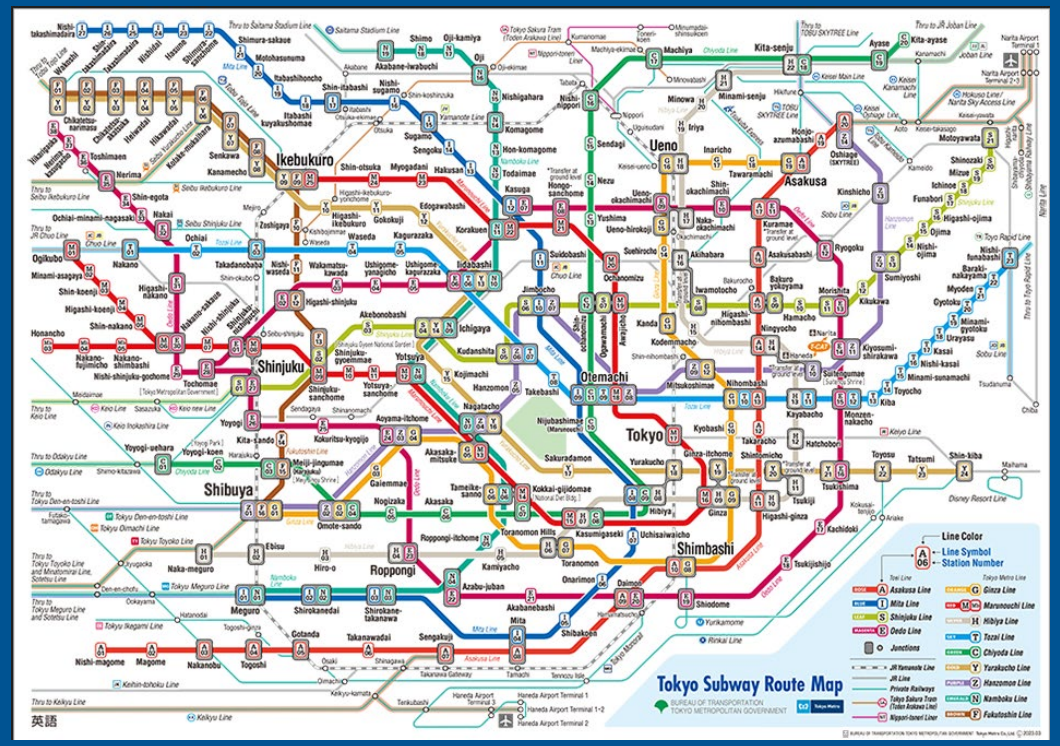
CHAPTER 3 GRANT 31
ARTICLE 5 — GRANT 31
ARTICLE 6 — ELIGIBLE AND INELIGIBLE COSTS AND CONTRIBUTIONS 37
CHAPTER 4 GRANT IMPLEMENTATION 135
SECTION 1 CONSORTIUM: BENEFICIARIES, AFFILIATED ENTITIES AND OTHER PARTICIPANTS 135
ARTICLE 7 — BENEFICIARIES 135
ARTICLE 8 — AFFILIATED ENTITIES 143
ARTICLE 9 — OTHER PARTICIPANTS INVOLVED IN THE ACTION 147
ARTICLE 10 — PARTICIPANTS WITH SPECIAL STATUS 155
SECTION 2 RULES FOR CARRYING OUT THE ACTION 164
ARTICLE 11 — PROPER IMPLEMENTATION OF THE ACTION 164
ARTICLE 12 — CONFLICT OF INTERESTS 167
ARTICLE 13 — CONFIDENTIALITY AND SECURITY 170
ARTICLE 14 — ETHICS AND VALUES 173
ARTICLE 15 — DATA PROTECTION 175
ARTICLE 16 — INTELLECTUAL PROPERTY RIGHTS (IPR) — BACKGROUND AND RESULTS — ACCESS RIGHTS AND RIGHTS OF USE 180
ARTICLE 17 — COMMUNICATION, DISSEMINATION AND VISIBILITY 184
ARTICLE 18 — SPECIFIC RULES FOR CARRYING OUT THE ACTION 187
SECTION 3 GRANT ADMINISTRATION 188
ARTICLE 19 — GENERAL INFORMATION OBLIGATIONS 188
ARTICLE 20 — RECORD-KEEPING 193
ARTICLE 21 — REPORTING 200
ARTICLE 22 — PAYMENTS AND RECOVERIES — CALCULATION OF AMOUNTS DUE 207
ARTICLE 23 — GUARANTEES 235
ARTICLE 24 — CERTIFICATES 237
ARTICLE 25 — CHECKS, REVIEWS, AUDITS AND INVESTIGATIONS — EXTENSION OF FINDINGS 246
ARTICLE 26 — IMPACT EVALUATIONS 261
CHAPTER 5 CONSEQUENCES OF NON-COMPLIANCE 262

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/aga_en.pdf

European Commission

VINNOVA

So, lets do this ☺



VINNOVA

In real life …

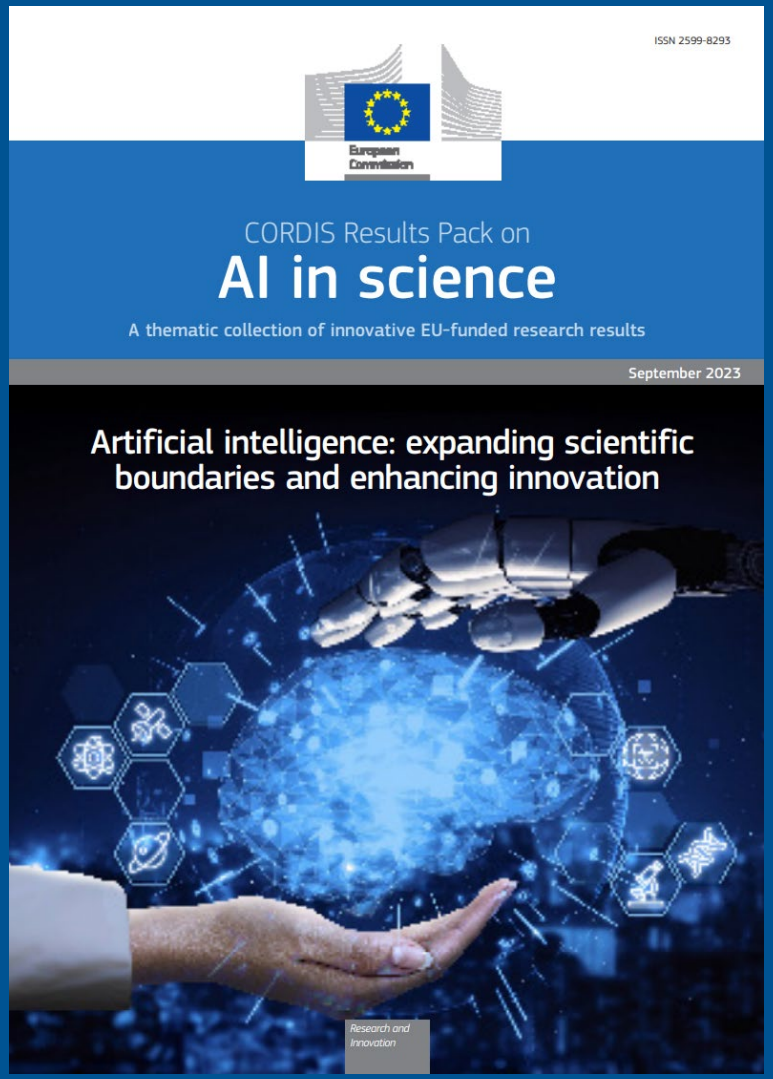
- This is a competitive system …
  - Retained, reserve, above threshold
    - Below threshold == ”You should have anticipated …”

- Going for minimum criteria is futile
  - Balanced consortia with skills that complement each other
    - Explain redundancies

Optimize towards the important stuff

- Call text, call text, call text
- Results of importance/relevance for Europe
- Existing EU projetcs, road-maps, competitors
  - What role will your project have in the eco-system?

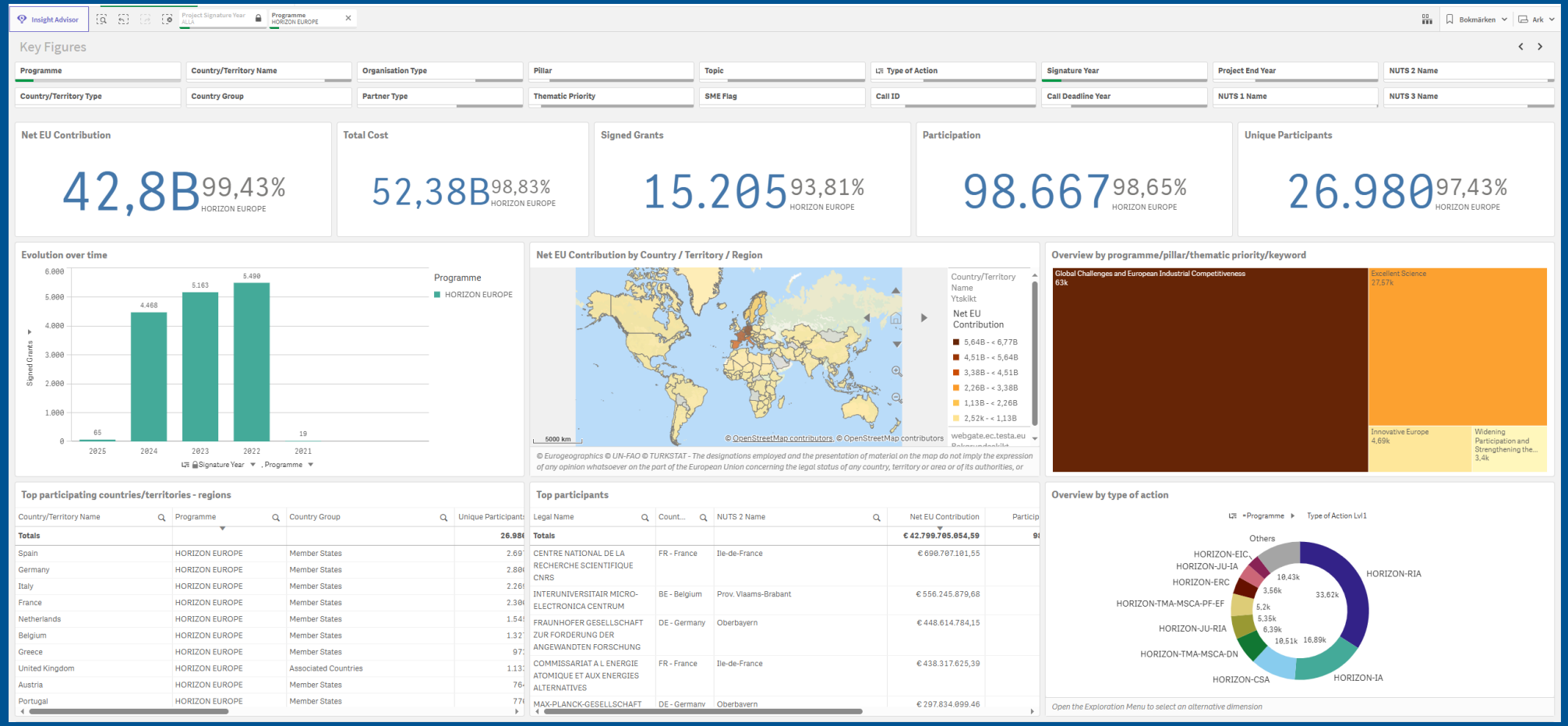
EU reports



European Commission

VINNOVA

EU dashboard

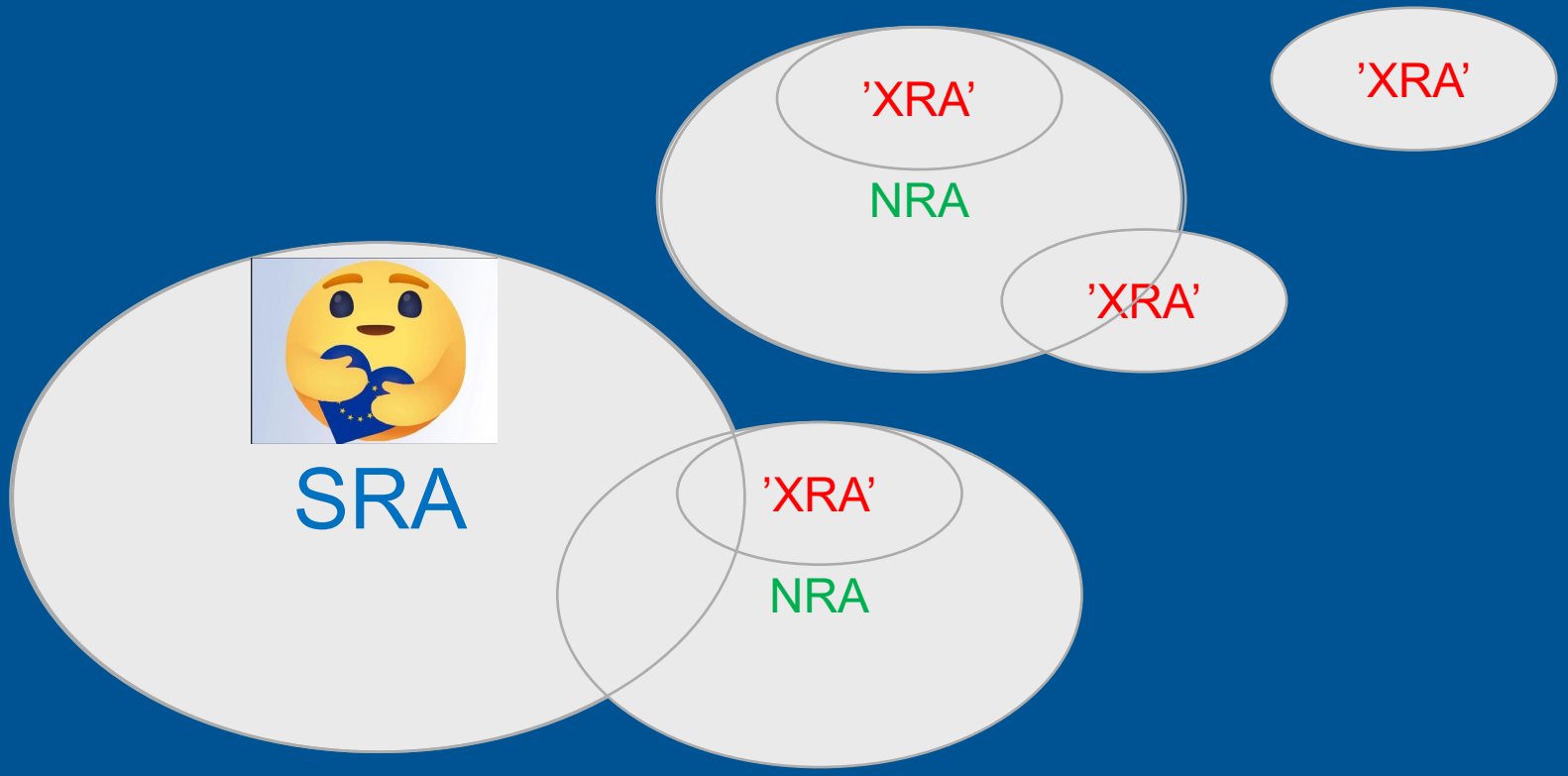


https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-dashboard

European Commission

VINNOVA

Set theory in the research landscape

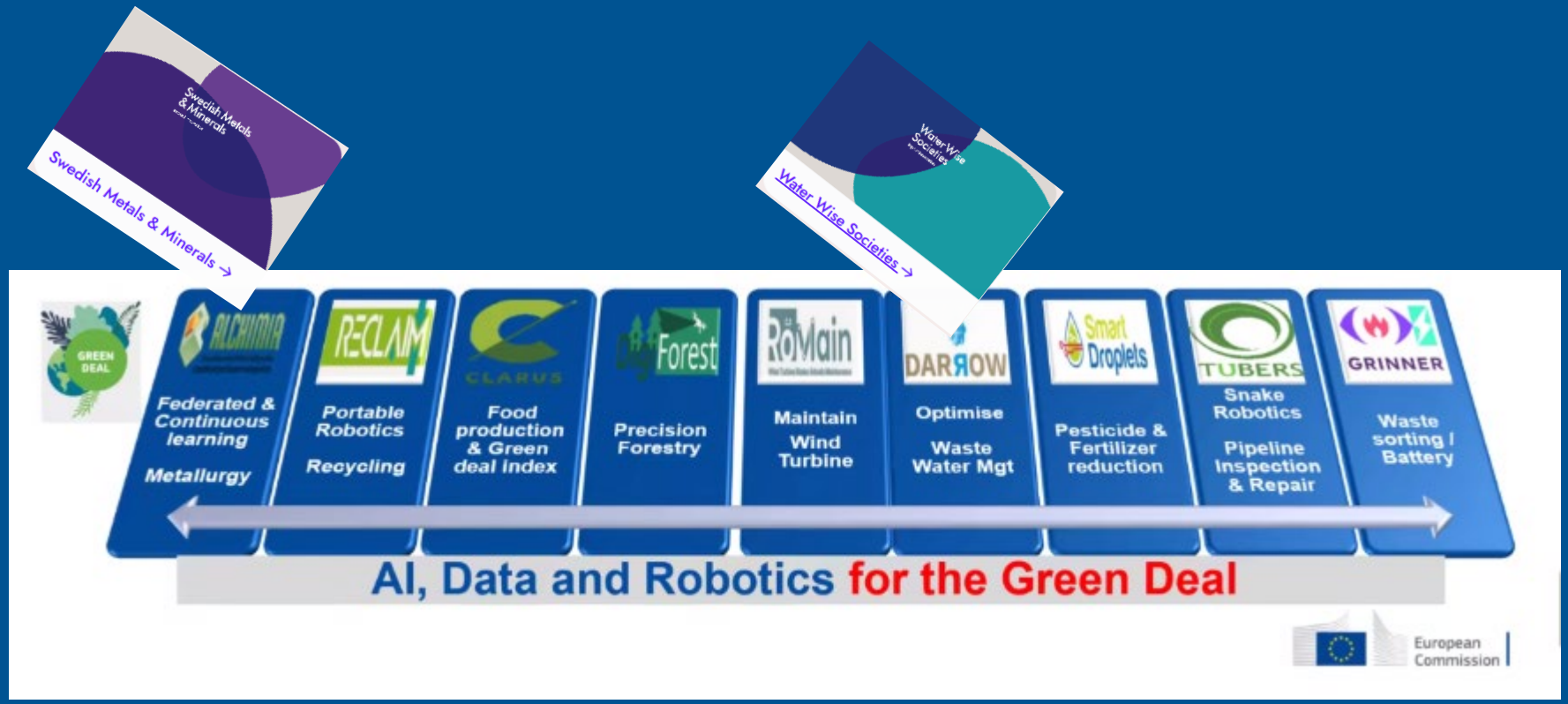


SRA = EU Strategic Research Agenda
NRA = SE National Research Agenda
'XRA' = 'Personal' Research Agenda

European Commission

VINNOVA

Example



AI for forensic crime scene analysis

Describe capacity of whole org

- Always legal entity applying

- ”Our innovation office handle x spin-offs per year”
- ”We’ve x standardisation committees we’re active in”

Ask, ask, ask …

- Answer is often: ”Does that increase or decrease the evaluators views on what you’re up to?”

- Open strategic autonomy
- Dual-use
- Associated countries
- Security scrutiny procedure
- Research Ethics
- Artificial Intelligence
- Research security

Science diplomacy

- Is this partner contributing to the consortia?

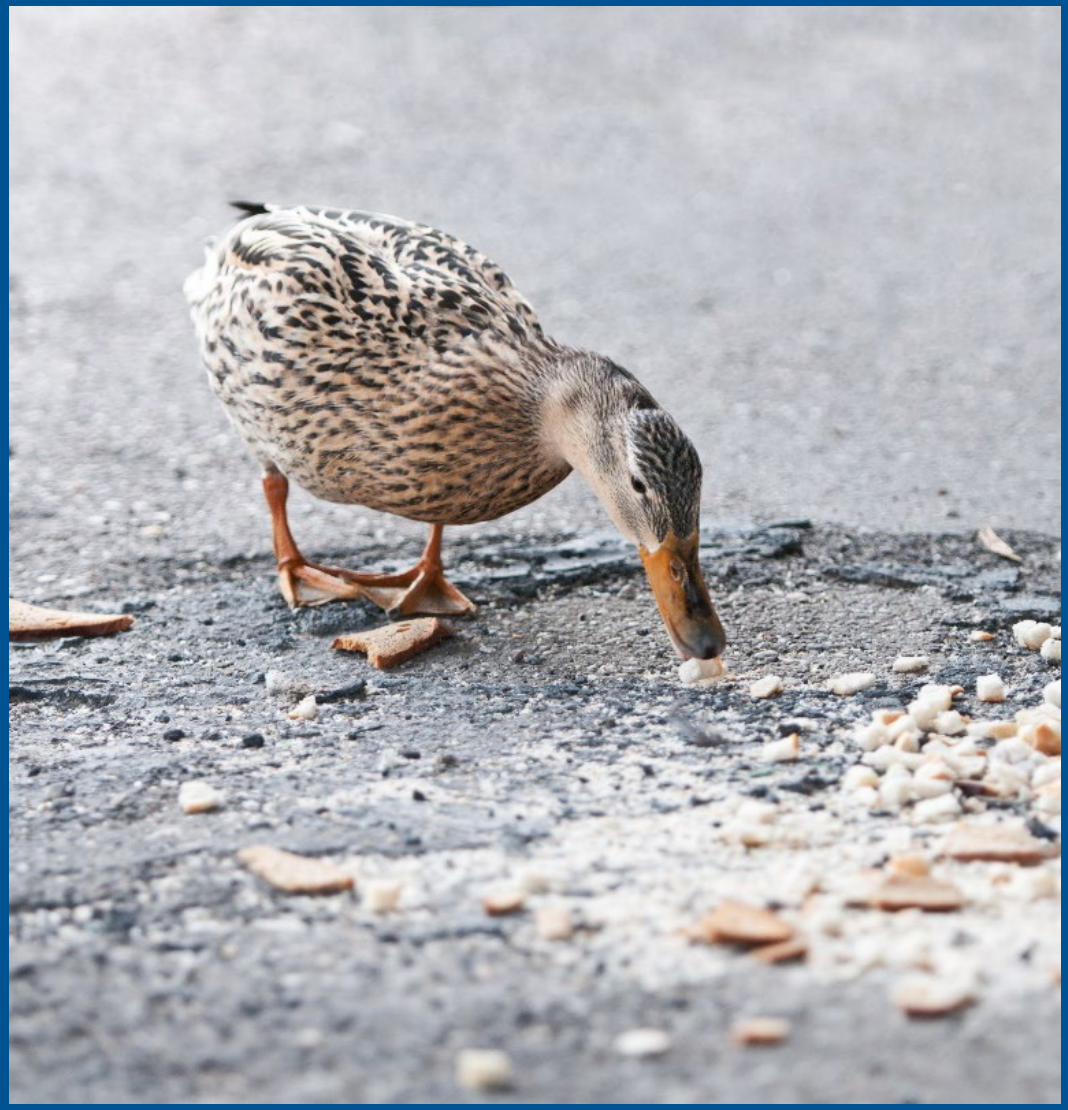
- Is the consortia contributing to this region/country?

Leaving a trail of breadcrumbs …

’It is probabale’ that something will occur after the end of the project

’Chain of evidence’, identified activities and previous experience indicates that …

The project is here to set the scene for …



European Commission

VINNOVA

And please don’t …

- ’We haven’t got any greek partners, someone quick …’
  - No, there is NOT a geo-political agenda when it comes to partners in the project !
  - Yes, there is a political pressure regarding utilisation of results form the projetcs

- ’I think we should have an ethics advisor as a decoy you know …’
  - Såväl utvärderare som deltagare genomskådar ’alibi’-roller

- ’Vi vill hellre fakturera för vårt jobb, det är enklare för oss …’
- Nyckelkompetenser ’ska’ delta som partners