INOSENS

Peer learning

InoSens experience in working with Horizon funding

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ABOUT InoSens

- The most successful Serbian SME in Horizon 2020 Programme
- Focus areas: AgriFood, Digitalisation/ICT in Agricultural sector and beyond
- Our Expertise:
  - ✓ Project Impact Maximisation (Comm&Diss&Exploit; Open Call Management; Co-creation, etc.)
  - ✓ Busiiness Support & Capacity Building (SMEs mentoring, Pilot implementation, Business Planning, etc.)
  - ✓ IT solutions (web platform and app development, software development);
  - ✓ Sensoring and Monitoring Solutions (precision agriculture; ecosystem/wastewater monitoring, EO, remote sensing);
  - ✓ Consultancy (digital transofrmation of agriculture/government, gender mainstreaming)

ENVISION as a solution

- A toolbox of services for the **continuous** and **systematic monitoring of sustainable agricultural practices**, enabling monitoring organisations to adapt to requirements stemming from the EU policy reform

- **3 different customized solutions**
  - ENVISION Web Interface (PAs & CBs), ENVISION mobile app (Farmers), ENVISION Add-on Development Tool (Developers)

- **6 EO-based and ML-empowered products:**
  - 1) Cultivated Crop Type Maps, 2) Soil Organic Carbon, 3) Vegetation Status, 4) Crop Growth (distinction of organic – conventional farming), 5) Grassland Mowing/ Ploughing, 6) Soil Erosion

Working together

envision

Project Start Date: 01/09/2020

13 partners from 7 countires

Duration: 36 months

Budget: € 3,162,606.25

DIONE: an integrated EO-based toolbox for modernizing CAP area-based compliance checks and assessing respective environmental impact

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No.870378

DIONE FACTS & FIGURES

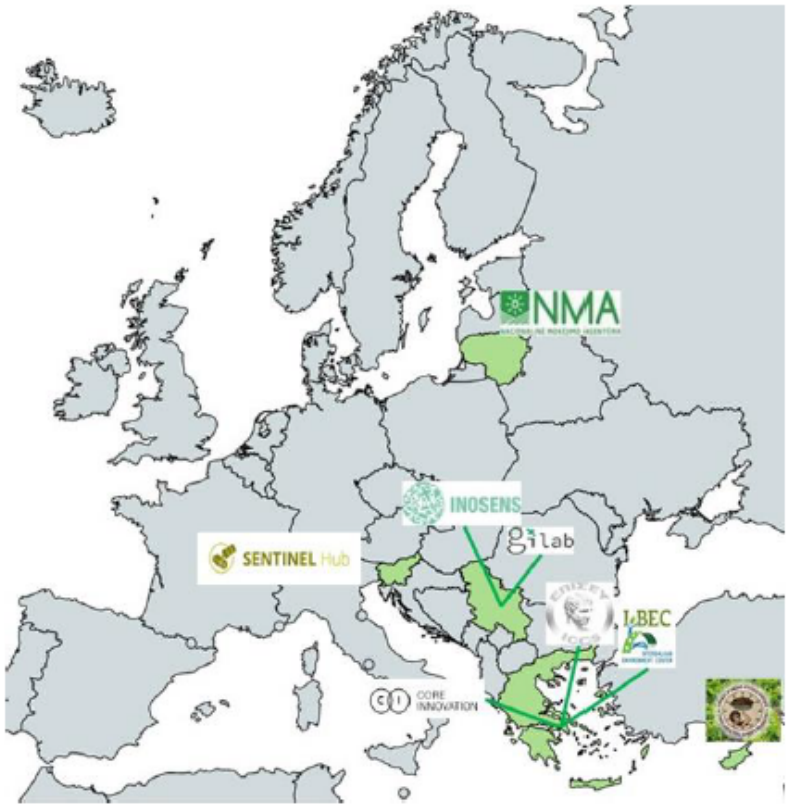
Implementing an integrated EO-based toolbox for modernising CAP area-based compliance checks and assessing respective environmental impact

8 partners from 5 countries

- Institute of Communication and Computer Systems (Project Coordinator)
- 2 Paying agencies (NPA (Lithuania), CAPO (Cyprus))
- 4 SMEs (SINERGISE, GILAB, CORE, INOSENS) with orientation to EO, ICT fields & agriculture domain
- 2 Research institutes (ICCS, i-BEC)

Duration: 30 months (01/2020 - 06/2022)

EU funding: 1,999,837€



WATERAGRI

WATER RETENTION AND NUTRIENT RECYCLING IN SOILS AND STREAMS FOR IMPROVED AGRICULTURAL PRODUCTION

Budget: €7.00 million
23 PARTNERS
12 COUNTRIES
Duration: 2020–2024

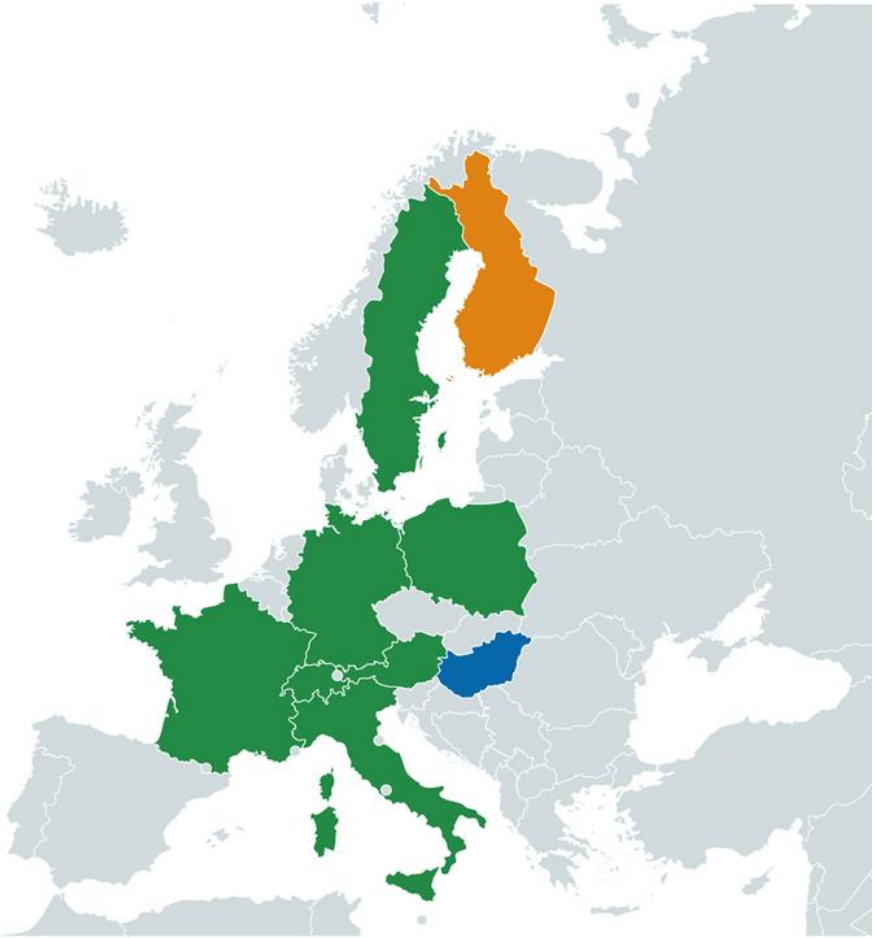
10 WATERAGRI CASE STUDIES

Boreal Zone
Finland (2)

Continental Zone
Sweden (1), France (1), Germany (1), Poland (1), Switzerland (1), Austria (1), Italy (1)

Pannonian Zone
Hungary (1)

17 solutions



UPSCALE

UPSCALING THE BENEFITS OF PUSH-PULL TECHNOLOGY FOR SUSTAINABLE AGRICULTURAL INTENSIFICATION IN EAST AFRICA

UPSCALE FACTS & FIGURES

18 PARTNERS FROM 4 EUROPEAN AND 6 AFRICAN COUNTRIES

7 Universities (LUH, UWUE, JKUAT, MU, UKN, ULUND, SLU, UZH)

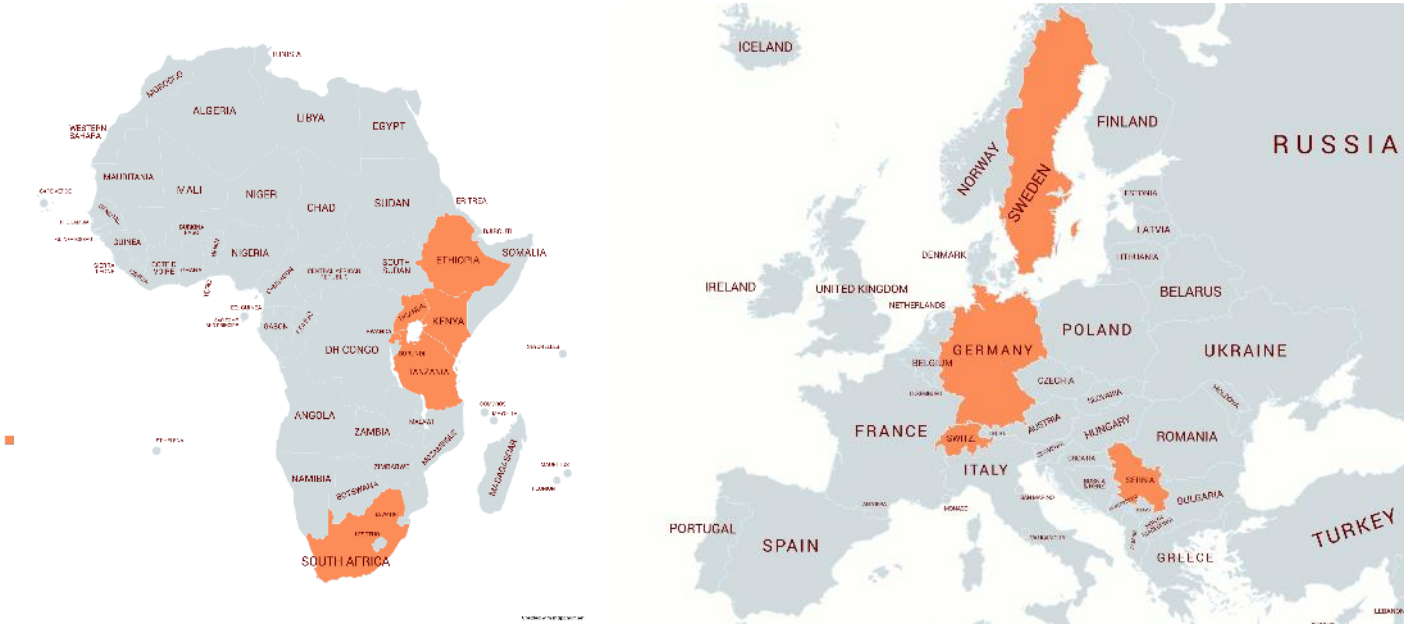
1 SME (INOSENS)

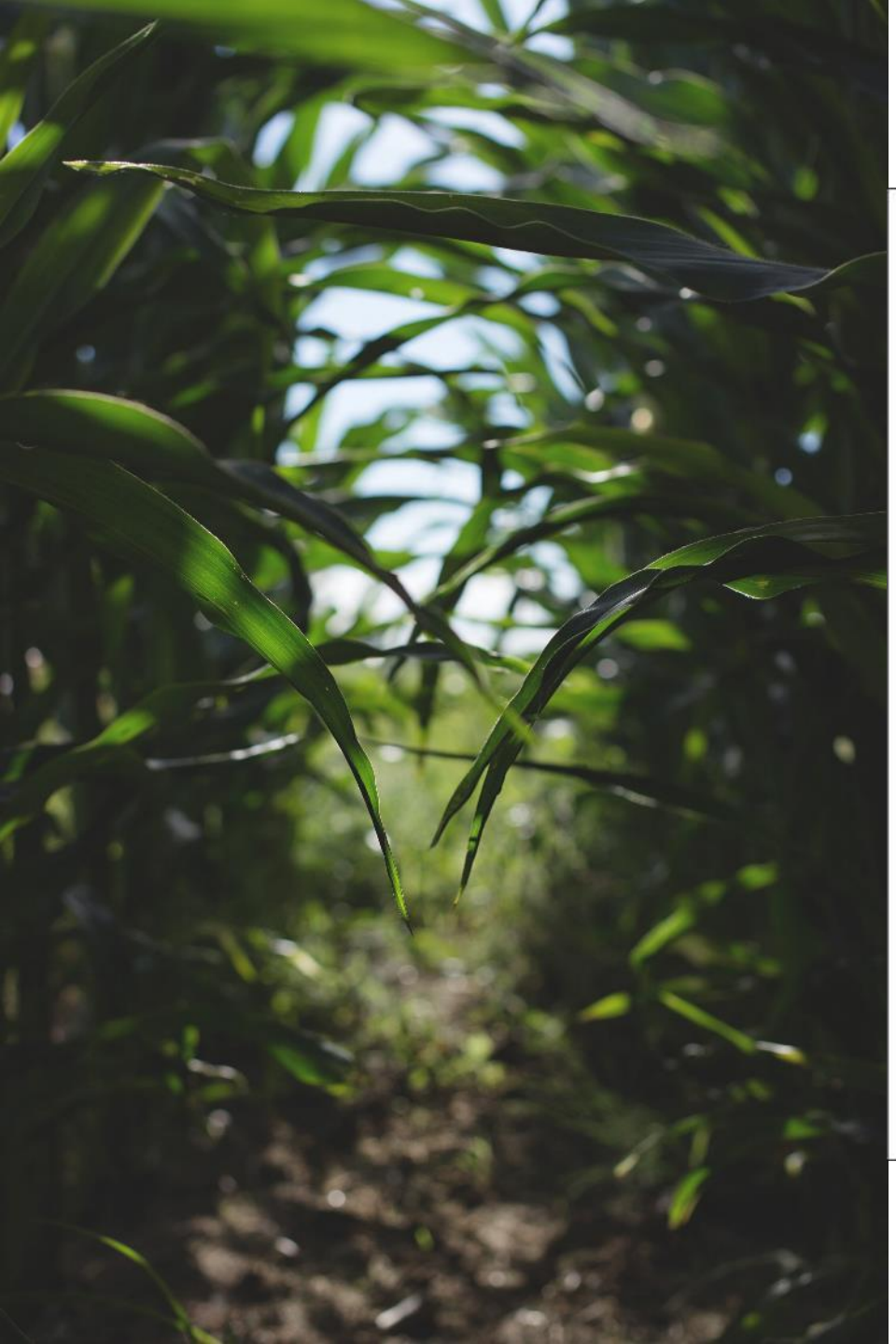
10 Associations, Federations and Research institutes (ICIPE, BayFOR, EAFF, KALRO, FH, RAB, TARI, NARO, ISD).

PROJECT COORDINATOR: Leibniz University of Hannover

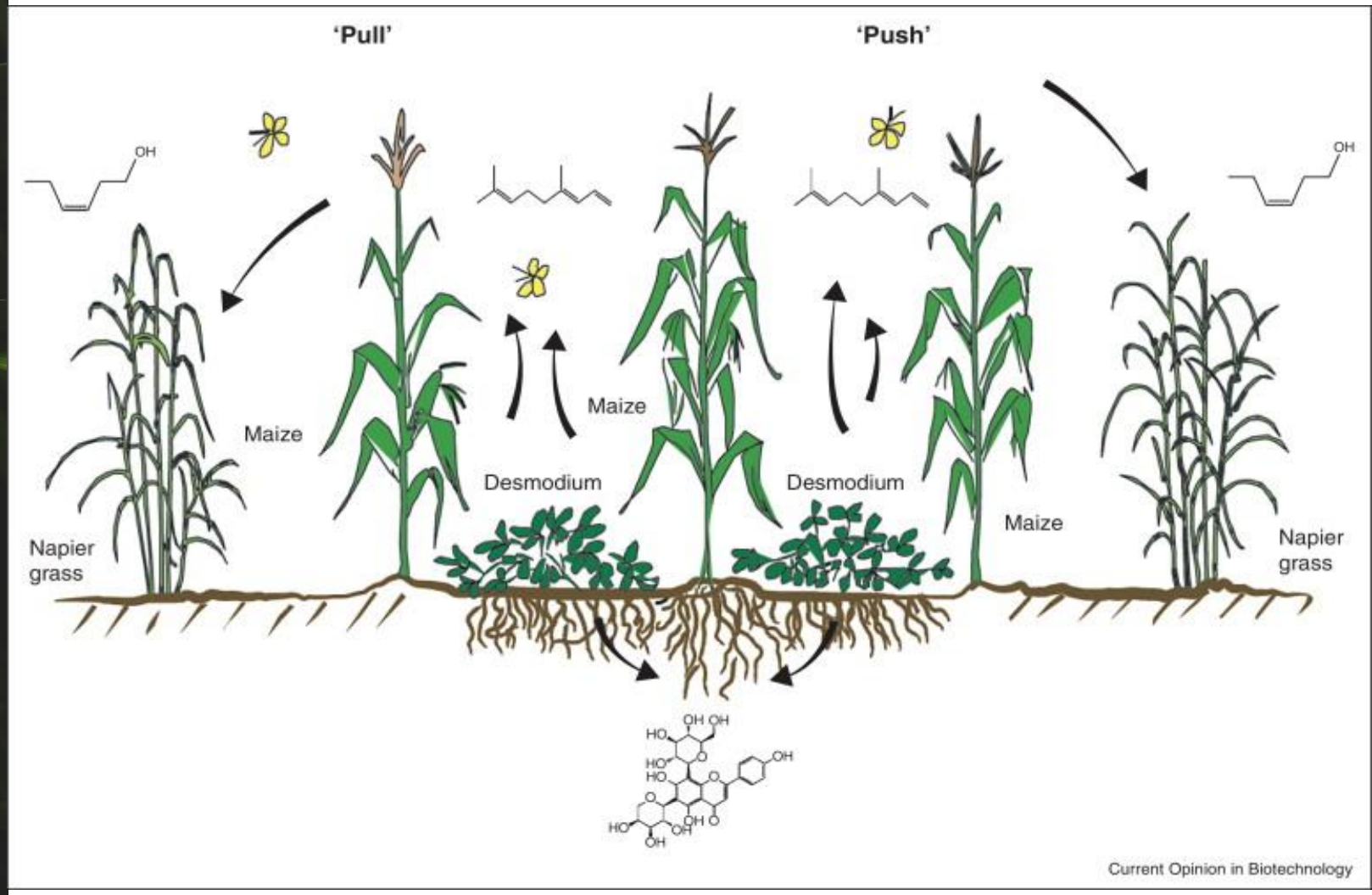
DURATION: **60 months (11/2020 - 10/2025)**

EU FUNDING: **€7.66 million**





PUSH-PULL TECHNOLOGY



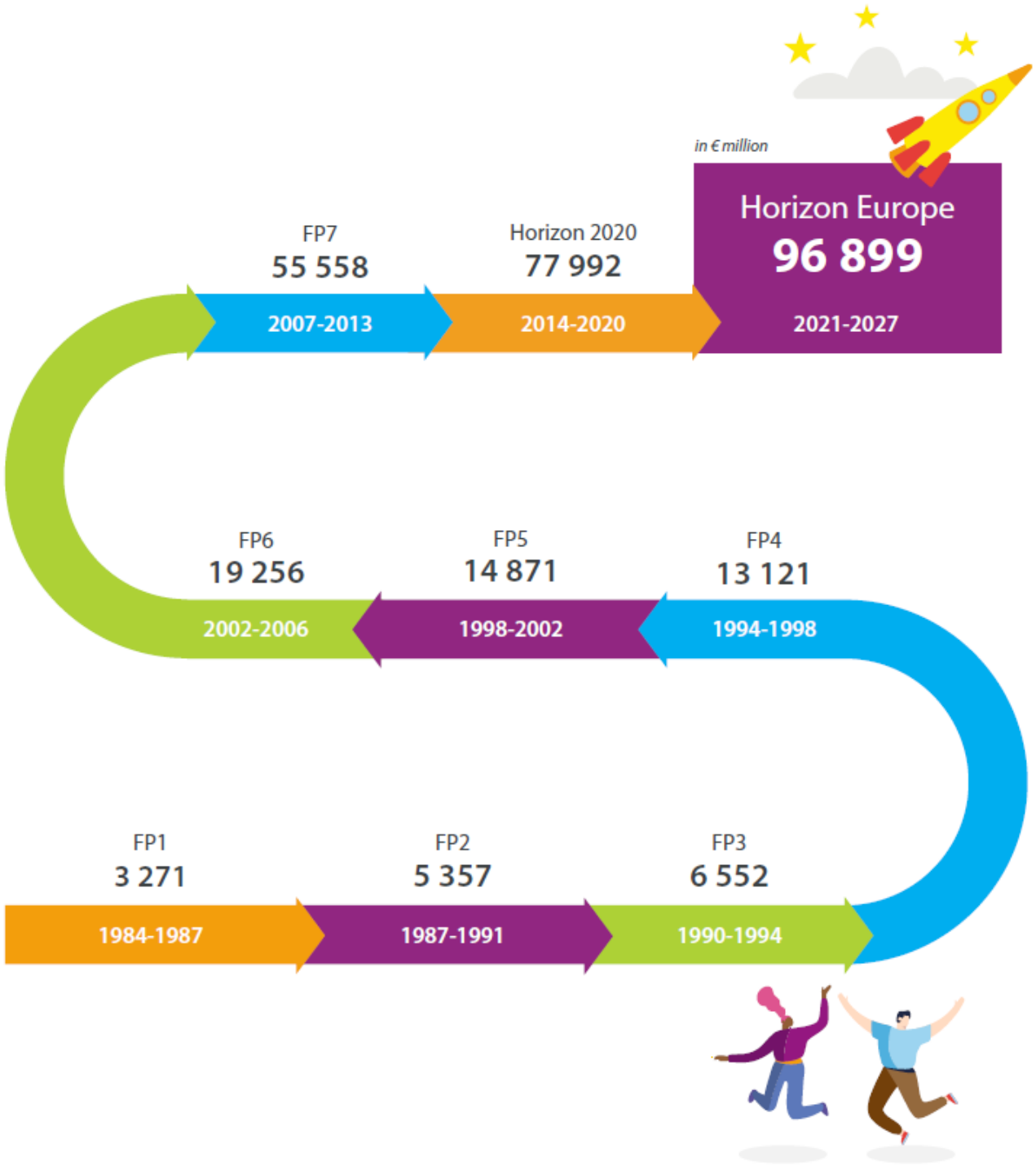
Push-pull system image credits: Pickett, John & Woodcock, Christine & Midega, Charles & Khan, Zeyaur. (2014). Push-pull farming systems. Current opinion in biotechnology. 26C. 125-132. 10.1016/j.copbio.2013.12.006.

UPSCALE

Horizon
Europe

HORIZON EUROPE

- Horizon Europe is the EU's key funding programme for research and innovation with a budget of €95.5 billion
- It tackles climate change, helps to achieve the UN's Sustainable Development Goals and boosts the EU's competitiveness and growth.



HORIZON EUROPE

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

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

The main types of the HE projects

*SME

- **RIA (Research and Innovation Action)** - primarily consists of activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service, method, tool or solution. Funding rate: 100 %

- **IA (Innovation Action)** - primarily consisting of activities directly aiming at producing plans and arrangements or designs for new, altered or improved products, processes or services. For this purpose they may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication. Funding rate: 70 %

- **CSA** (Coordination and Support Action) - consisting primarily of accompanying measures such as standardisation, dissemination, awareness-raising and communication, networking, coordination or support services, policy dialogues and mutual learning exercises and studies, including design studies for new infrastructure and may also include complementary activities of strategic planning, networking and coordination between programmes in different countries Funding rate: 100 %

A PARTNER ROLE(S) IN A PROJECT:
- Coordinator, technology provider; case study/pilot owner; business planning, open call manager, dissemination & communication lead, „network“ partner,...

How to get started?

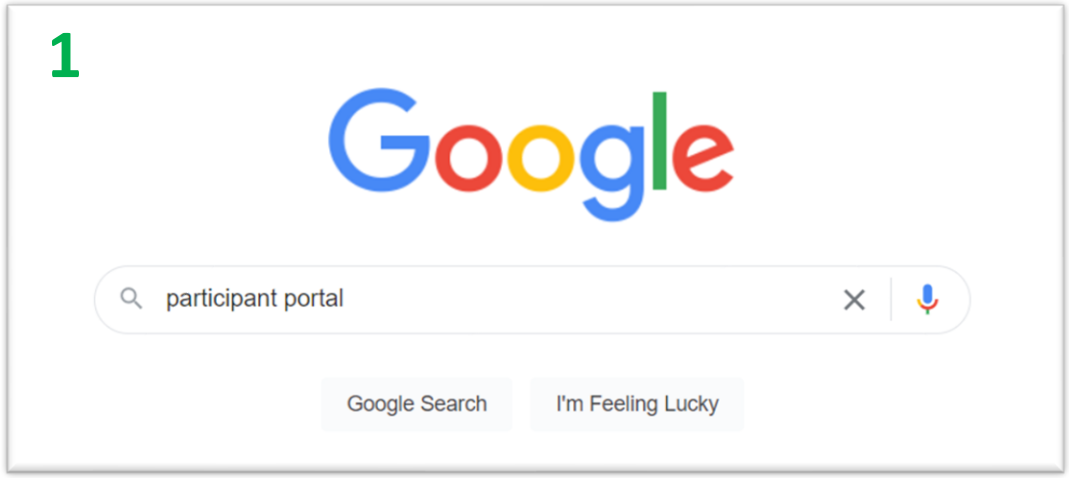
- Have you ever tried to work with Horizon funds and how far did you get?

- How straight forward did you find the process of finding information, and getting started?

INOSENS

How to find the right open call online?

1



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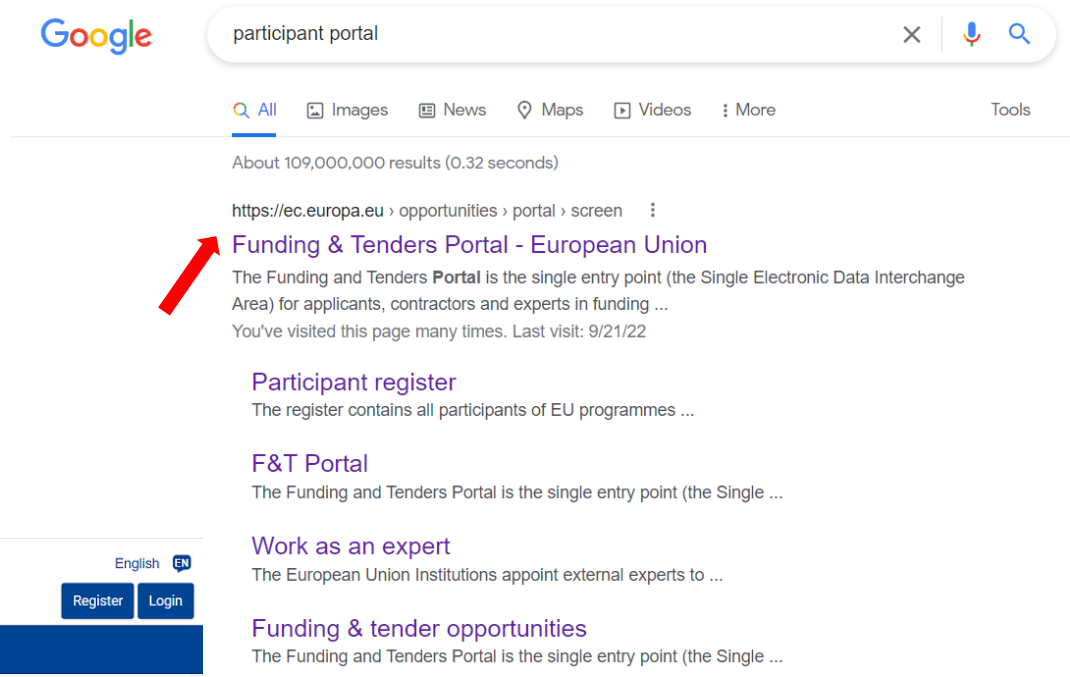

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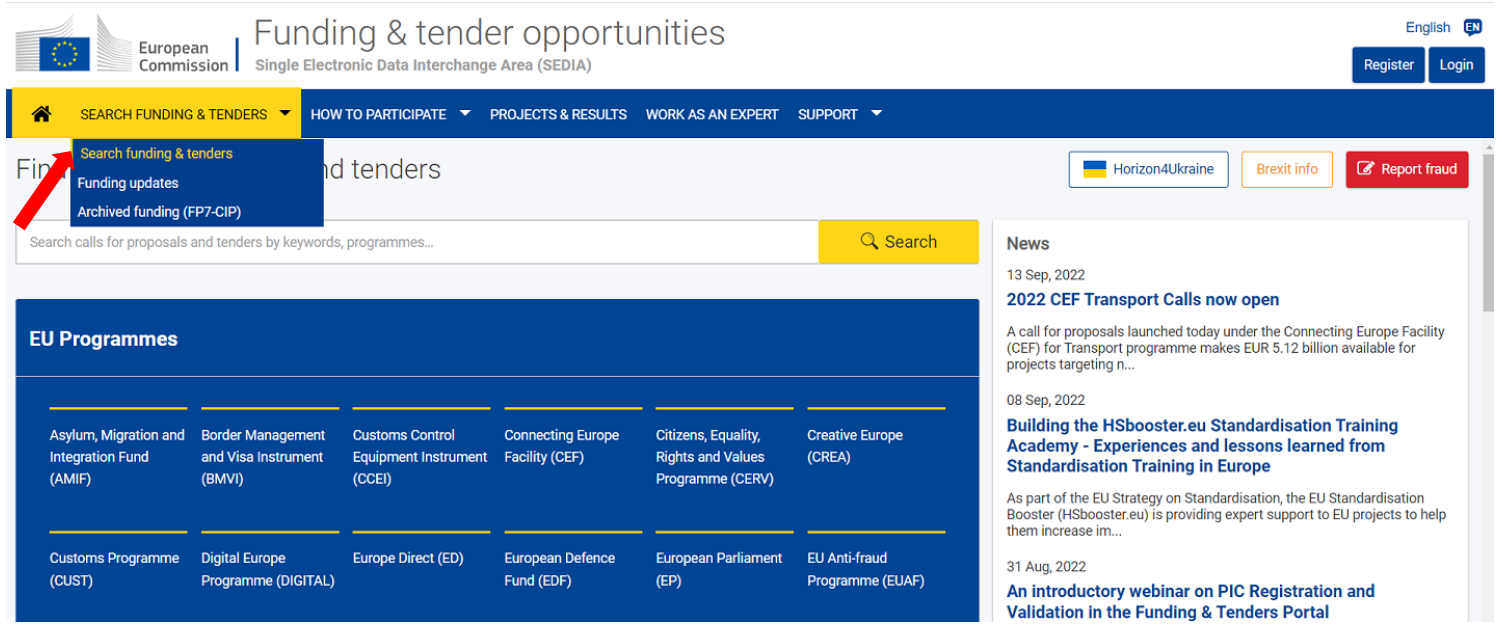


SEDIA: Single Electronic Data Interchange Area

Improving food systems sustainability and soil health with food processing residues

TOPIC ID: HORIZON-MISS-2022-SOIL-01-02

Grant

General information
Topic description
Mission
Conditions and documents
Partner search announcements
Submission service
Topic related FAQ
Get support
Call updates

General information

Programme
Horizon Europe Framework Programme (HORIZON)

Call
Research and Innovation actions to support the implementation of the Soil health and Food Mission (HORIZON-MISS-2022-SOIL-01)

See budget overview

Type of action
HORIZON-RIA HORIZON Research and Innovation Actions

Type of MGA
HORIZON Action Grant Budget-Based [HORIZON-AG]

Open for submission

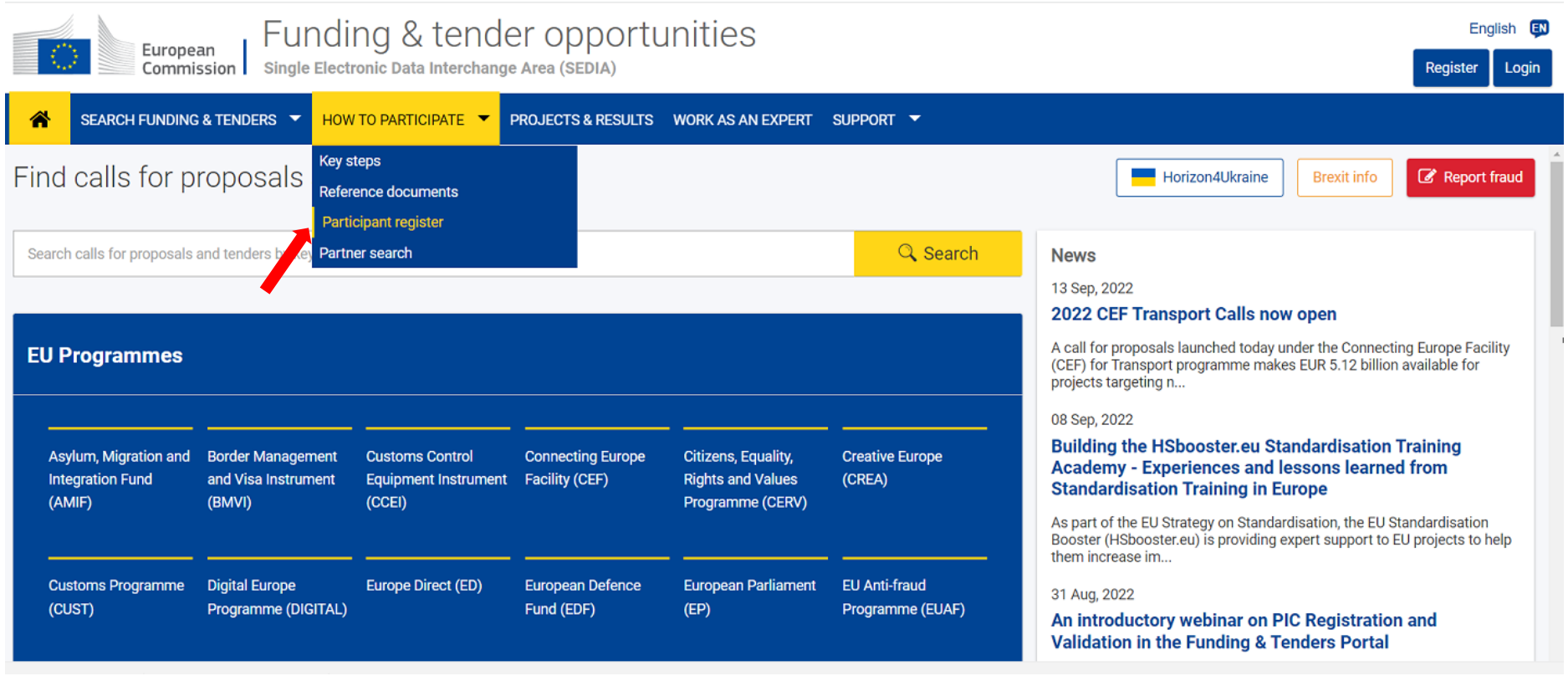
Deadline model
single-stage

Opening date
12 May 2022

Deadline date
27 September 2022 17:00:00 Brussels time

How to register on the portal

- **PIC number**: 9-digit Participant Identification Code is used to identify organisations throughout the different steps of a project's lifecycle. (e.g. PIC (INOSENS) 933205185)



One of the criteria for applying for Horizon funding is having a partnership. How to use Horizon for networking?

- Has anyone ever tried to establish a partnership with the purpose of applying for funding from Horizon? How did you go about finding the right partner? Or if you haven't, how would you go about finding partners? Any mechanisms you're aware of?

- What brokerage tools are there? What B2B matchmaking opportunities with potential partners? What is the jump on facility? And how to use the aforementioned to discuss and refine project ideas and build collaborations under Horizon consortia.

General information
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Go back

To reach its goal and objectives, the identified mission foresees actions across sectors and territories (rural, peri-urban and urban areas including across borders). It will therefore have wide-reaching impact on practices in agriculture, forestry, food and other industries (e.g. biobased and waste) as well as on land use planning. The mission will also tap into the expertise from international partners and contribute to soil health globally.

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

2. Eligible countries: described in Annex B of the Work Programme General Annexes

A number of non-EU/non-Associated Countries that are not automatically eligible for funding have made specific provisions for making funding available for their participants in Horizon Europe projects. See the information in the Horizon Europe Programme Guide.

show more...

Partner search announcements

81

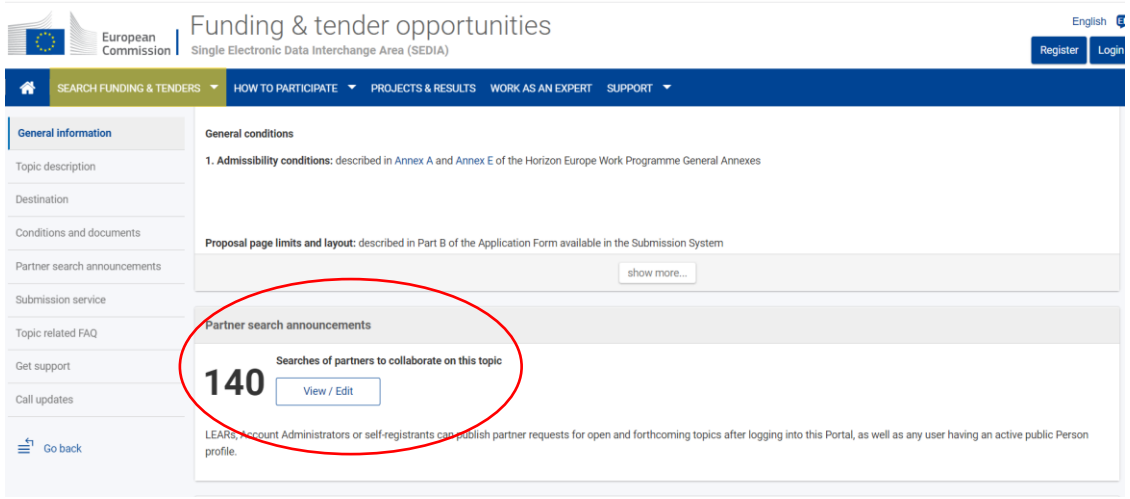
Searches of partners to collaborate on this topic

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 Person profile.

One of the criteria for applying for Horizon funding is having a partnership. How to use Horizon for networking?

- Expresion of interest for a particular topic



- Brokerage events: (https://een.ec.europa.eu/events?f%5B0%5D=field_eventstartdate%3Anext_year)
- European Research and Innovation Days 2022:

https://ec.europa.eu/research-and-innovation/en/events/upcoming-events/research-innovation-days

Question 3: Secret opportunities you may not know about (Shhhh … !!!) (20 min)

- What is the hop on facility? What are the underrepresented countries?

HE Programme foresees the possibility for legal entities from low R&I performing countries to join already selected collaborative R&I actions, subject to the agreement of the respective consortium and provided that legal entities from such countries are not yet participating in it.

Main selection criteria are excellence and added value of the new partner performing a relevant additional task in the project.

- Call: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-widera-2022-access-07-01
- List of projects to jum in: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon/hop-on

- Important date: **10 November 2022 17:00:00 Brussels time**