

Practical pointers for developing a proposal for Horizon Europe project funding



#HorizonEU

THE EU
RESEARCH &
INNOVATION
PROGRAMME 2021 – 27

This presentation is based on the political agreement of 11 December 2020 on the Horizon Europe. Information on some parts is pending revision.

19 March 2021

20th/22th July

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Research and
Innovation

Inherits from H2020 SME Instrument and FET

Top-Down

Horizon Europe (2021-2027)

Bottom-Up

26%

56%

14%

Bottom-Up



HEU Pillar 2 inherits from H2020 Pillars 2 & 3

Pillar 3 is New

Pillar 2 – Types of projects

- **Research and innovation actions (RIA)** - aim to establish **new knowledge** and/or to explore the feasibility of a new or improved technology, product, process, service or solution. □ include basic and applied research, technology development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment. **Always looking for use (Impact).**

- **Innovation actions (IA)** - aim at producing plans and arrangements or designs for new, altered or improved products, processes or services □ may include prototyping, testing, demonstrating, **piloting, large-scale product validation** and market replication.

- **Coordination and support actions (CSA)** - accompanying measures such as dissemination, awareness-raising and communication, networking, coordination or support services, policy dialogues, etc, including design studies for new infrastructure, complementary activities of strategic planning, networking and coordination in different countries.

		TRL (aprox.)	
Projects (Actions)		Initial	Final
Research & Innovation	RIA	1-2	4-5
Innovation	IA	3-5	6-7

A typical Project (RIA or IA) in Pillar 2

- The Consortium is VERY IMPORTANT
- Partners from 3+ countries (3+ MS or Associated States, plus possibly 3rd Countries)
- Large Enterprises, Mid-Caps and SMEs, RTD, Universities, Public Administration, any kind as the nature of the Project needs
 - Not individual persons (who are the target in Pillar 1 – MSCA, ERC)
- IPR belongs to the Consortium (not the EC) – exploitation reqs in the new Grant Agreement

- 3 years duration (between 2 and 5) + 1 year proposal, contract ...
- 10 partners from 5 countries (could be up to 50 ...)
- 3-10 M€ (could be significantly more)

Non Reimbursable Grants

Horizon Europe funds (grants) the costs of the project.

Total costs: Direct + Indirect

- Direct Costs (labor, travel, expenditures, ... subcontracts)

- Indirect Costs (25% of Direct Costs)

Grant of Eligible Costs	RIA	IA	CSA
Non-Profit	100%	100%	100%
For Profit		70%	

60% in some topics

(*) **Indirect costs** will be reimbursed at the flat-rate of 25% of the eligible direct costs (categories A-D, except volunteers costs, subcontracting costs, financial support to third parties and exempted specific cost categories, if any).

3rd Countries

Any partner from any country in the world can partner in a Horizon Europe project, but

- Some countries are funded by the EU
- others are not

[programme-guide_horizon_en.pdf \(europa.eu\)](#) v1.1

2021-07-19

Regarding ASEAN countries, the EC funds the costs of organisations from

- Cambodia, Indonesia, Lao, Malaysia, Myanmar, Philippines, Thailand, and Vietnam.
- Not in the case of **Brunei, Singapore.**

Strategic plan gives direction to the work programme

Horizon Europe
legislative
package

Strategic Plan
2021-2024

Work
programme
2021-2022

Calls for
proposals

Main Features

Early involvement and extensive exchanges with Member States

Extensive exchanges with the European Parliament

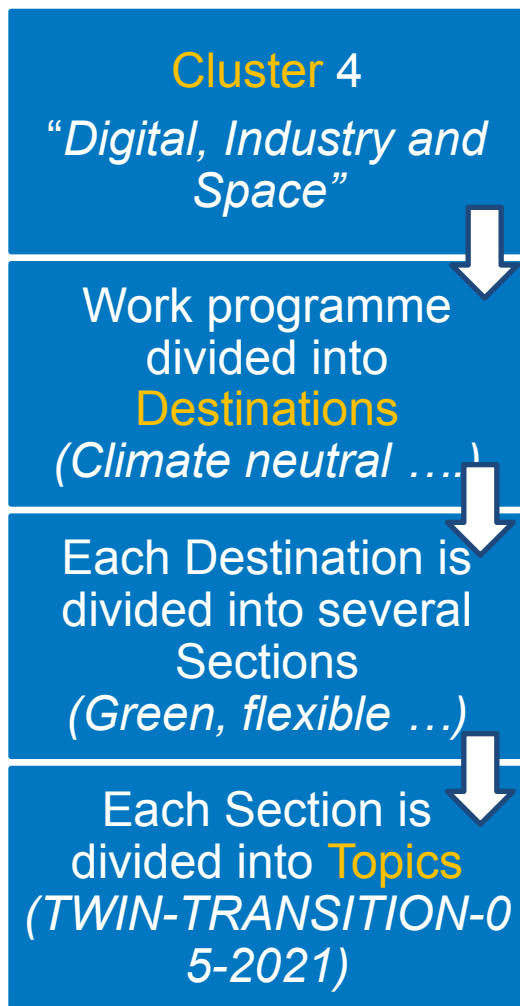
Consultations with stakeholders and public at large

[ec_rtd_horizon-europe-strategic-plan-2021-24.pdf \(europa.eu\)](#)

Adopted, March 2021

[Reference Documents \(europa.eu\)](#) in the F&T Portal

Example of a work programme

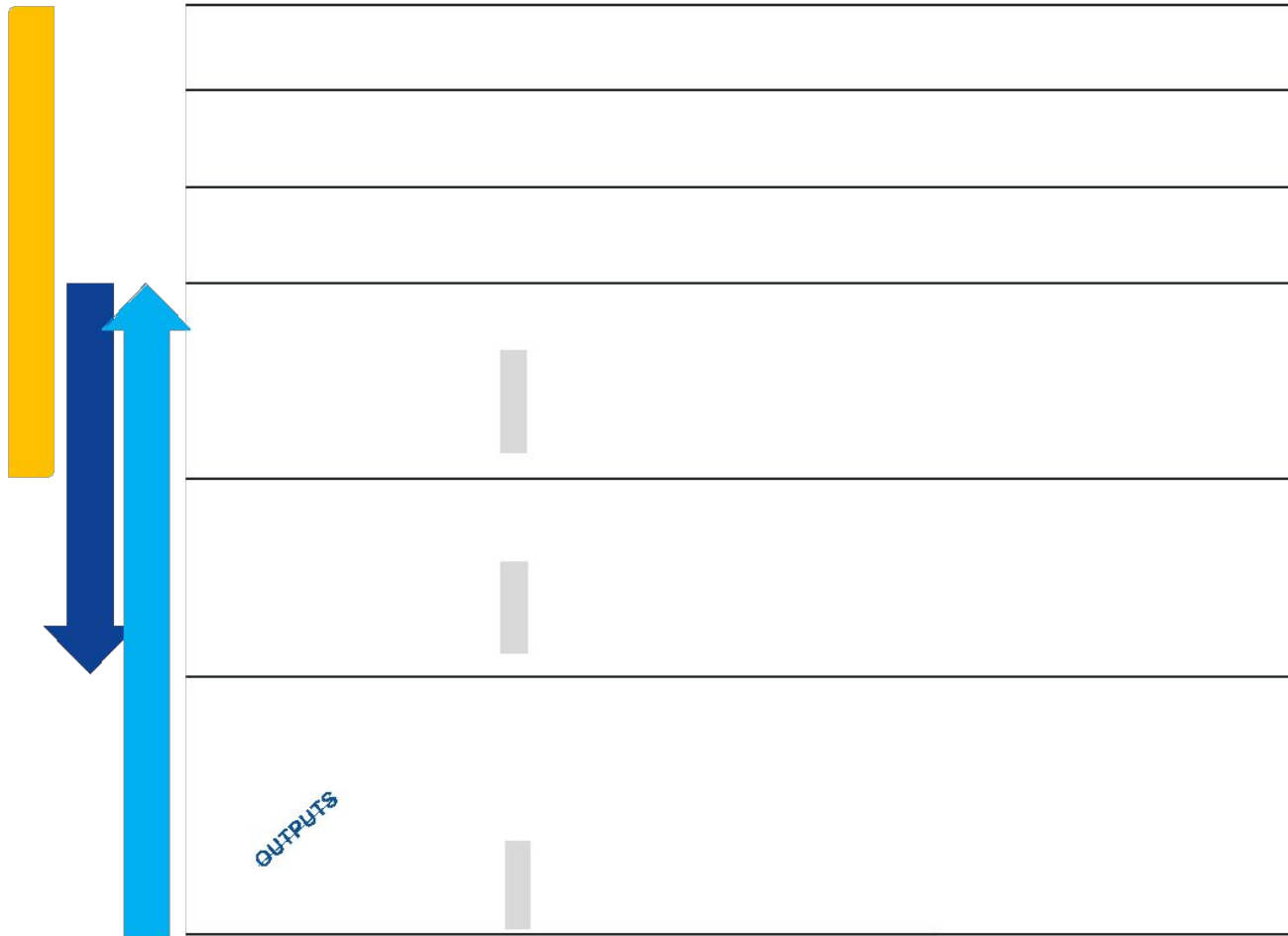


Horizon Europe - Work programme 2021-2022
 Digital, Industry and Space

Table of contents

Introduction	15
DESTINATION 1 – Climate neutral, circular and digitised production	
TWIN-TRANSITION-2021-2022	17
Section: Green, flexible and advanced manufacturing	20
TWIN-TRANSITION-01-2021: Circular by design manufacturing (IA)	21
TWIN-TRANSITION-02-2021: AI enhanced robotics system for smart manufacturing (IA)	22
TWIN-TRANSITION-03-2021: Zero-defect manufacturing towards zero-waste (IA)	23
TWIN-TRANSITION-04-2021: Laser-based technologies for green manufacturing (RIA)	24
TWIN-TRANSITION-05-2021: Industrial Internet for distributed control and modular manufacturing (RIA)	25
TWIN-TRANSITION-06-2021: Engineering support tools for sustainable production (RIA)	25
TWIN-TRANSITION-07-2021: Biomaterial-based manufacturing (RIA)	26
TWIN-TRANSITION-08-2022: Rapid reconfigurable production process chains (IA)	27
TWIN-TRANSITION-09-2022: Products with complex functional surfaces (RIA)	28
TWIN-TRANSITION-10-2022: Smart sustainable production of complex products (RIA)	28
TWIN-TRANSITION-11-2022: Excellence in distributed control and modular manufacturing (RIA)	29
TWIN-TRANSITION-12-2022: Intelligent work piece handling in a full production line (RIA)	30
TWIN-TRANSITION-13-2022: Sustainable manufacturing close to the consumer (RIA)	31
Section: Advanced digital technologies for manufacturing	33
TWIN-TRANSITION-14-2022: ICT Innovation for Manufacturing Sustainability in SMEs (I4MS2) (IA)	34

HEU progressive definition



Funding & Tender portal General Repository of Horizon Europe (and others)



Funding & tender opportunities

Single Electronic Data Interchange Area (SEDIA)

English

Register Login

SEARCH FUNDING & TENDERS HOW TO PARTICIPATE PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT

Horizon Europe (HORIZON)

clear filter

Programming period

2021-2027

Horizon Europe (HORIZON)

Clear filter

Reference Documents

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.

Filter

Expand all

Legislation

Work programme & call documents

2021-2022

HE Main Work Programme 2021-2022

HE and Euratom Work Programme on Horizontal Expenditure 2021-2022

1. General introduction v2.0

2. Marie Skłodowska-Curie Actions v1.0

3. Research Infrastructures v2.0

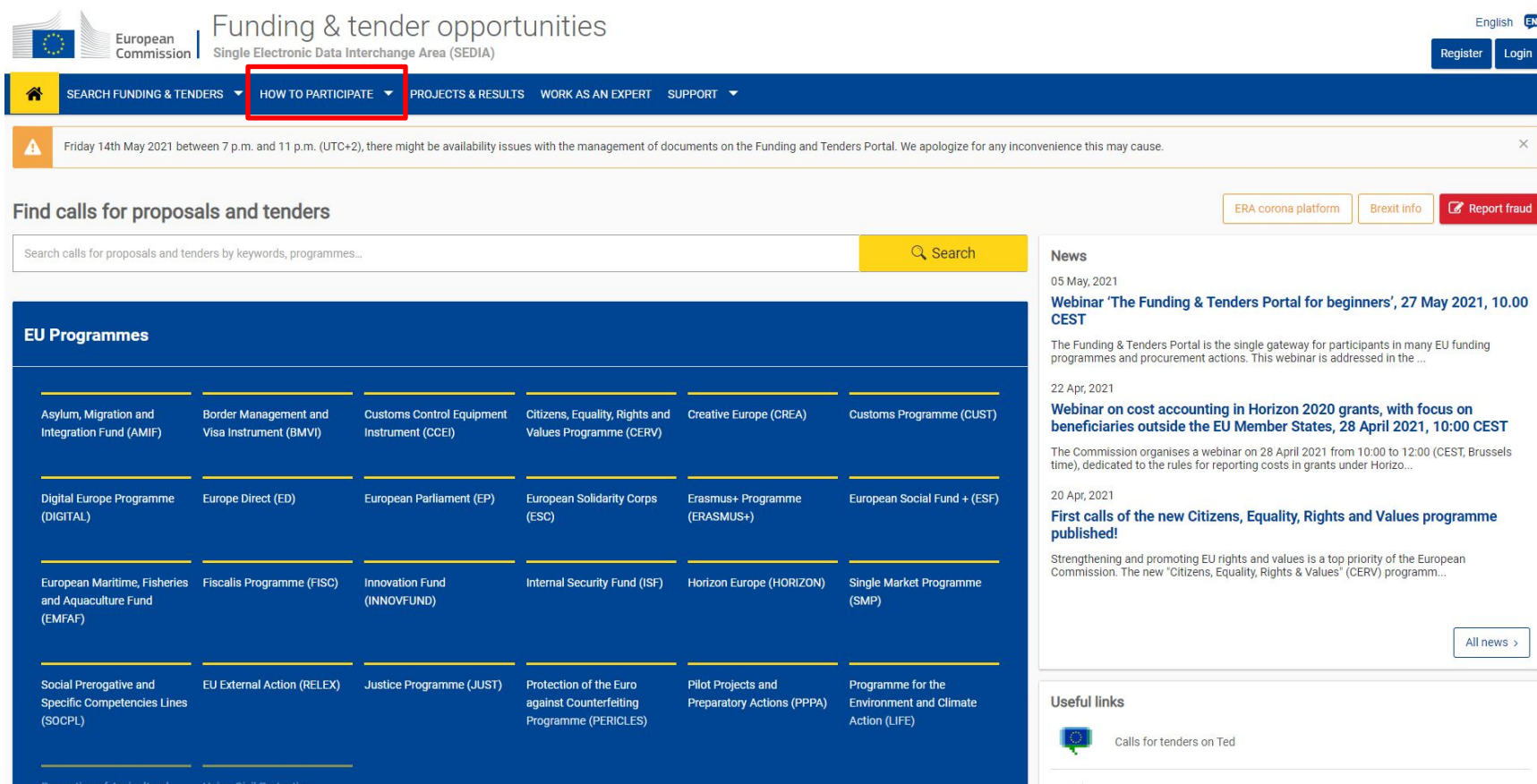
4. Health v2.0

5. Culture, creativity and inclusive society v1.0

Key functionalities of the Funding and Tenders (F&T) portal

- How to find a call / topic
- How to find partners
- How to register an organization
- How to submit a proposal

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home>



The screenshot shows the top navigation bar of the portal. The 'HOW TO PARTICIPATE' menu item is highlighted with a red box. Below the navigation bar is a warning message about document availability issues. The main content area is titled 'Find calls for proposals and tenders' and features a search bar. A grid of EU Programmes is displayed, including AMIF, BMVI, CCEI, CERV, CREA, CUST, DIGITAL, ED, EP, ESC, ERASMUS+, ESF, EMFAF, FISCALIS, INNOVATION FUND, ISF, HORIZON, SMP, SOCP, RELEX, JUST, PERICLES, and LIFE. A 'News' section on the right lists recent updates, such as a webinar for beginners and information on cost accounting in Horizon 2020 grants.

Topics which are specially suitable for International Cooperation

Programming period

Select a Programme period... ✕ ▾

Horizon Europe (HORIZON) ✕

Programme part

Select a Programme part... ▾

Mission

Select a Mission... ✕ ▾

Destination

Select a Destination... ✕ ▾

Quick search on specific priorities

International Cooperation (205) ✕ ▾

R&I EU Project repository CORDIS



CORDIS is the primary source of results from EU-funded projects since 1990

Search projects and results

- Projects
- Project acronym
- Project ID
- Results
- All results
- Results in Brief
- Report Summaries
- Project Deliverables
- Project Publications

List projects by framework

See latest results

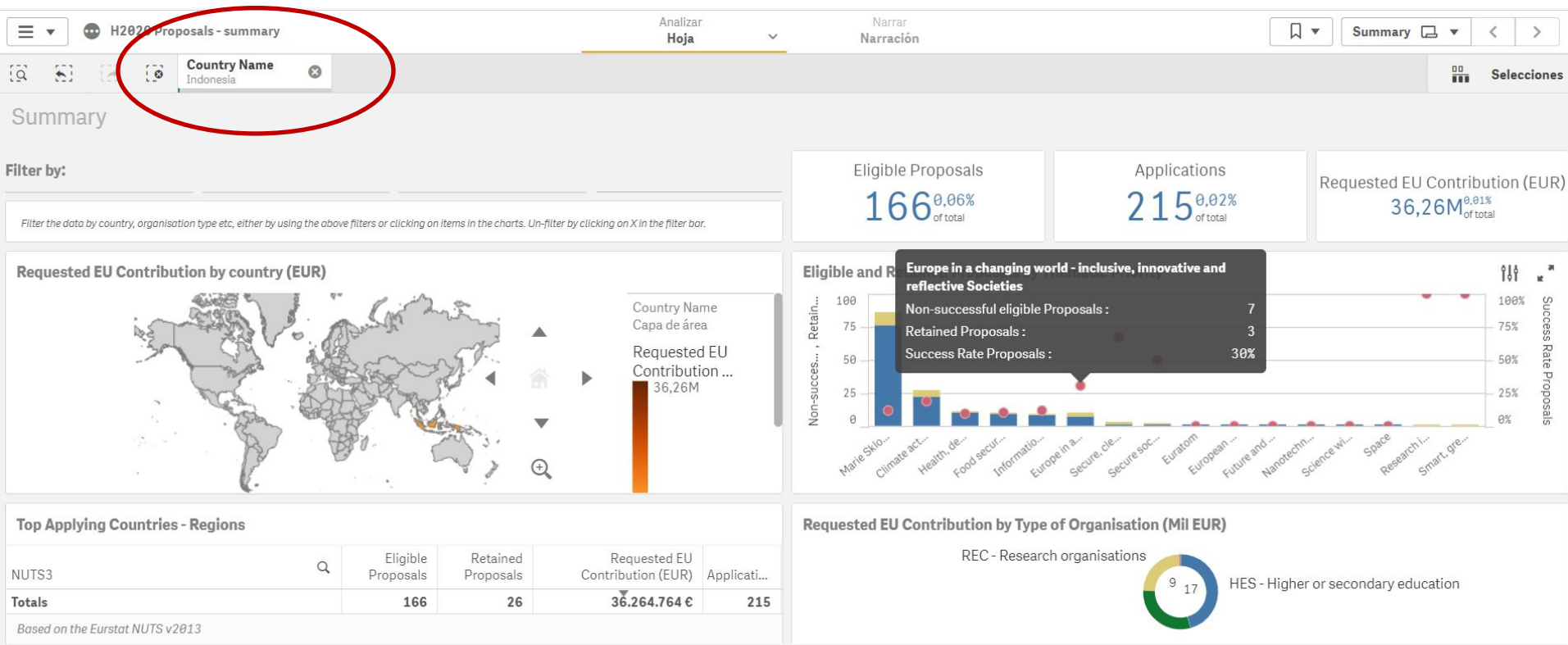
Download projects as op

Visualise Horizon 2020 data

Latest updated projects

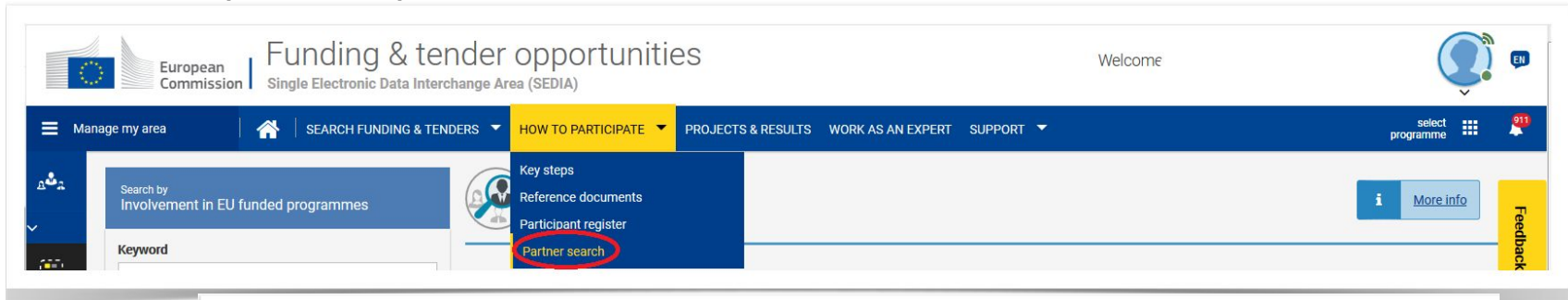
Acronym	Title	ID	Last update
EGI-ACE	EGI Advanced Computing for EOSC	101017567	17 July 2021
SMART5GRID	Smart5Grid - Demonstration of 5G solutions for SMART energy GRIDs of the future	101016912	17 July 2021
PROBES	Probes of new physics and technological advancements from particle and gravitational wave physics experiments. A cooperative Europe - United States - Asia effort.	101003460	17 July 2021
BIGPICTURE	Central Repository for Digital Pathology	945358	17 July 2021

R&I EU Stats portal

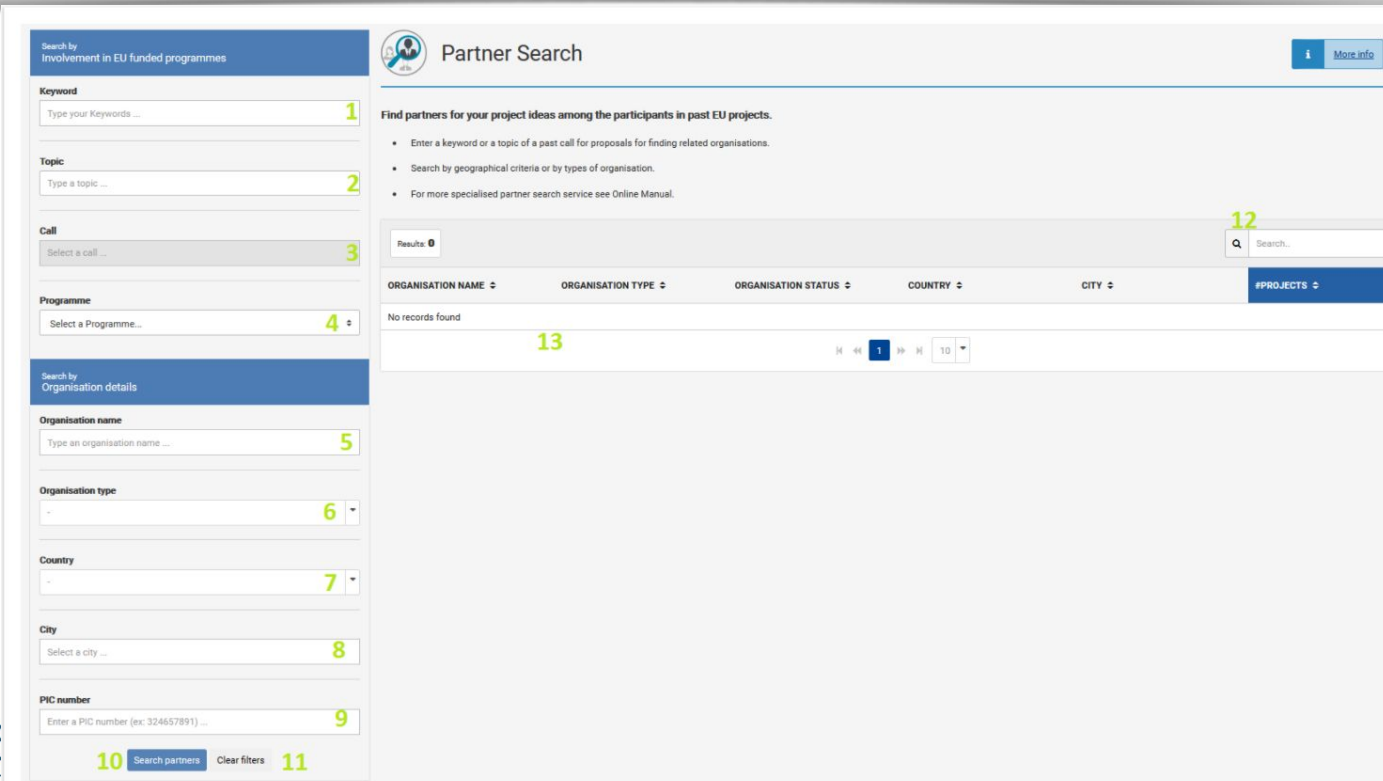


How to find partners

- **Search fields and some tips**
- Search Results
- Find requests for partners



The screenshot shows the top navigation bar of the Euraxess website. It includes the European Commission logo and the text 'Funding & tender opportunities' and 'Single Electronic Data Interchange Area (SEDIA)'. A 'Welcome' message is visible on the right. The main navigation menu has several items: 'Manage my area', 'SEARCH FUNDING & TENDERS', 'HOW TO PARTICIPATE' (highlighted in yellow), 'PROJECTS & RESULTS', 'WORK AS AN EXPERT', and 'SUPPORT'. A dropdown menu for 'HOW TO PARTICIPATE' is open, showing options: 'Key steps', 'Reference documents', 'Participant register', and 'Partner search' (circled in red). There is also a 'Feedback' button on the right.



The screenshot shows the 'Partner Search' page. On the left, there are search filters for 'Involvement in EU funded programmes' and 'Organisation details'. The filters are numbered 1 through 11. The main content area is titled 'Partner Search' and includes a search bar (12) and a table of results (13). The table has columns for 'ORGANISATION NAME', 'ORGANISATION TYPE', 'ORGANISATION STATUS', 'COUNTRY', and 'CITY'. The table is currently empty, showing 'No records found'. There are navigation buttons for 'Search partners' (10) and 'Clear filters' (11) at the bottom of the filter section.

How to find partners



Partner search:

FUNDACION TECNALIA RESEARCH & INNOVATION

PIC: 999604110

Spain - DONOSTIA/SAN SEBASTIAN (GIPUZKOA)

Research Organisation

712 projects funded

Contact organisation

Description

TECNALIA RESEARCH & INNOVATION is a private, independent, non profit applied research center of international excellence. TECNALIA is the leading private and independent RTO in Spain and one of the largest in Europe, employing around 1,300 people (225 PhDs) and with income of 100.2 Million € in 2016. TECNALIA has one GOAL, to transform technology into GDP, to improve people's quality of life by means of innovation and technological development, addressed by 7 business divisions covering the sectors of Energy, Environment, Industry, Transport, Construction, Health and ICT. TECNALIA Ventures is a wholly owned subsidiary for the commercialisation of innovative technology-based results, turning innovative technology assets into new profitable and sustainable businesses and generating economic value for society. TECNALIA is an equal opportunity employer. Current ratio of female/male employees is 44/56.

Tags/Keywords

- Production technology, process engineering
- safety
- Circular economy
- Energy efficient buildings
- Energy systems, smart energy, smart grids, wireless energy transfer
- Materials engineering (biomaterials, metals, ceramics, polymers, composites, etc.)
- energy efficiency
- Innovation
- Cyber-physical systems
- Internet of Things
- Renewable electricity
- Robotics for manufacturing
- artificial intelligence
- Cybersecurity
- Materials engineering

More tags >

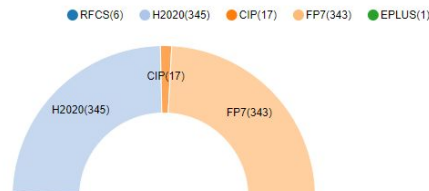
Charts pie

Main collaboration partners

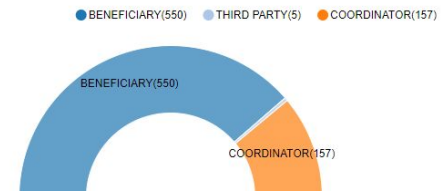
Projects list

Published partner searches

Programmes



Roles



Main collaboration partners



How to find partners

Projects list

Results: 345

Download icon

Search: H2020

TITLE	ACRONYM	PROGRAMME	PROJECT ID	ACTIONS
A Multi-Sided Business Platform for Plug and Produce Industrial Product Service Systems	MARKET4.0	H2020	822064	Contact project
A neW concept of pubLic administration based on citizen co-created mobile urban services	WeLive	H2020	645845	Contact project
A Novel, Comprehensive, Ultra-Fast, Security-Aware CPS Simulator	COSSIM	H2020	644042	Contact project
A Productive, Affordable and Reliable solution for large scale manufacturing of metallic components by combining laser-based ADDitive and Subtractive processes with high Efficiency	PARADISE	H2020	723440	Contact project
A STEP FORWARD TO SPINAL CORD INJURY REPAIR USING INNOVATIVE STIMULATED NANOENGINEERED SCAFFOLDS	NeuroStimSpinal	H2020	829060	Contact project
A Universal Cyber Security Toolkit for Health-Care Industry	SPHINX	H2020	826183	Contact project
Accelerating Energy renovation solution for Zero Energy buildings and Neighbourhoods	RenoZEB	H2020	768718	Contact project
ACTIVATING INCLUSIVE GROWTH IN RAILWAY SMES BY WORKPLACE INNOVATION	RailActivation	H2020	861887	Contact project
ACTivating InnoVative IoT smart living environments for AGEing well	ACTIVAGE	H2020	732679	Contact project
Adaptable and adaptive RES envelope solutions to maximise energy harvesting and optimize EU building and district load matching	EnergyMatching	H2020	768766	Contact project

Page 1 of 10

Published partner searches

Results: 1

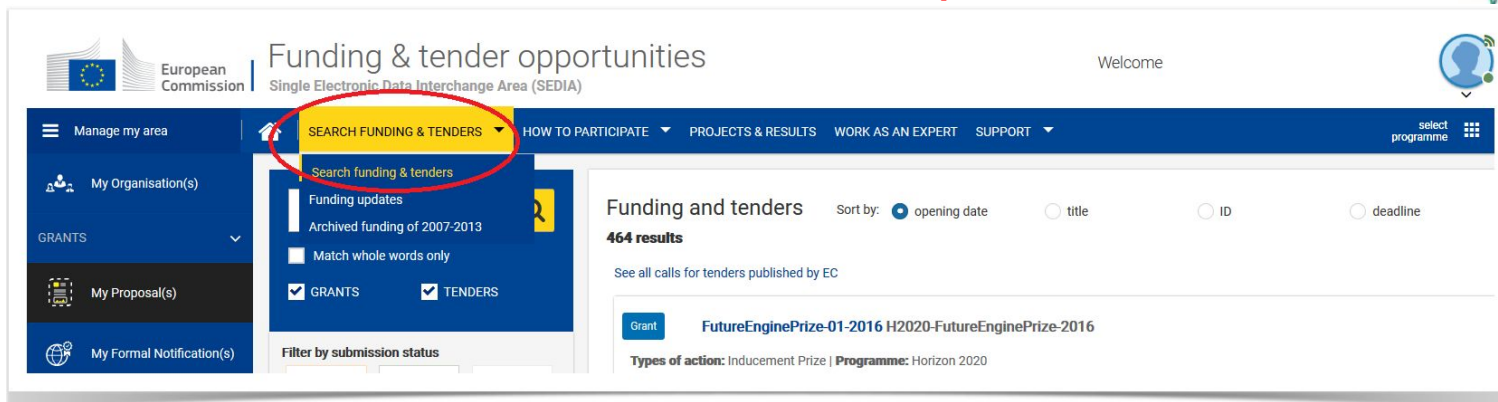
Download icon

Search: Search..

REQUEST DATE	TOPIC	EXPERTISE REQUEST OR OFFER	ACTIONS
17-Dec-2020	LC-GD-5-1-2020 Green airports and ports as multimodal hubs for sustainable and smart mobility	<p>Tecnalia is a non-profit Technological Centre which is managing a Test Corridor in the Basque Country (Spain). This is a multi-modal corridor including motorways and the access to Bilbao's port, the main Port in the Atlantic coast of Spain, and Bilbao's international airport. Tecnalia is interested in being part of a demo-site to test any issue related to a) cooperative and autonomous mobility, b) electromobility, c) safe and connected infrastructures between users and infrastructures.</p> <p>Expertise offer</p>	Actions

How to find partners

- Search fields and some tips
- Search Results
- **Find requests for partners**
 - **From topic search**



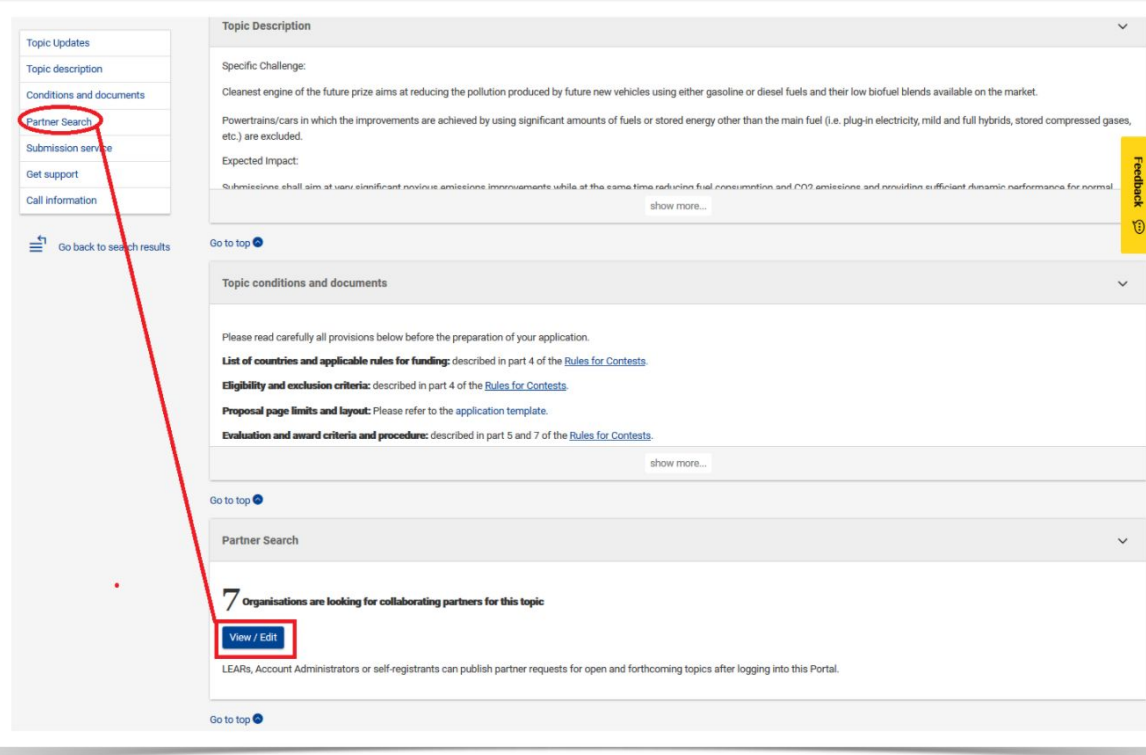
European Commission | Funding & tender opportunities | Welcome

SEARCH FUNDING & TENDERS

464 results

Grant: FutureEnginePrize-01-2016 H2020-FutureEnginePrize-2016

Types of action: Inducement Prize | Programme: Horizon 2020



Partner Search

7 Organisations are looking for collaborating partners for this topic

View / Edit

How to find partners

- Search fields and some tips
- Search Results
- **Find requests for partners**
 - **From organisations profile**

Published partner searches

Results: 2	<input type="text" value="Search.."/>		
Topic	Request date	Expertise Request or Offer	Actions
LCE-Prize-CO2Reuse-01-2016 Horizon prize for CO2 reuse ▶ test	09-Oct-2018	Expertise request	Contact Organisation Partner search details
H2020-FutureEnginePrize-2016 FutureEnginePrize-01-2016 ▶ Test for partner Search..... This is withdrawn, but I am editing meanwhile before republishing..... Test for partner Search..... This is withdrawn, but I am editing meanwhile before republishing..... Test for partner Search..... This is withdrawn, but I am editing meanwhile before republishing..... Test for partner Search..... This is withdrawn, but I am editing meanwhile before republishing..... Test for partner Search..... This is withdrawn, but I am editing meanwhile before republishing.....	09-Oct-2018	Expertise request	

EU Funding & Tenders Portal

seminar

The Funding & Tenders Portal for beginners

27 May 2021 – 10:00-12:30 CEST (Brussels time)

Online Only

<https://ec.europa.eu/research/participants/docs/h2020-funding-guide/other/event210527.htm>

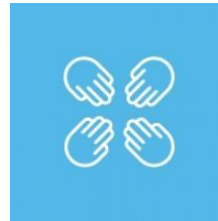
Draft agenda:

1. Introduction
2. What does this portal offer?
 - 2.1. Basic navigation
 - 2.2. I look for EU funding – is there anything in for me?
 - 2.3. I want to register my organisation
 - 2.4. I want to submit a proposal for a grant or procurement contract
 - 2.5. I want to see the EU projects funded (in my area of interest, my country or region...)
 - 2.6. I want to exploit results of EU funded projects
 - 2.7. I want to become an expert evaluator/monitor
 - 2.8. Should I create my person profile on this portal?
 - 2.9. How can I acquire access rights to proposals, projects, organisation data...?
 - 2.10. How do I manage notifications and tasks?
 - 2.11. How can I manage my user account?
 - 2.12. I need help

Match making of project ideas and interested parties



<http://een.ec.europa.eu/>



International Partnerships



Advice for international growth



Support for business innovation

600 business support organizations in 60 countries

In ASEAN:

JAKARTA
(INDONESIA)
SINGAPORE

HO CHI MINH

Match making of project ideas and interested parties

Ideal-ist
www.ideal-ist.eu

Your Worldwide ICT Support Network

Wed. 11/06/2014

[User's Login](#) [Register](#)

[Home](#) [About Ideal-ist](#) [Partner Search](#) [Events & News](#) [Press](#) [Tools and Services](#) [ICT in H2020](#) [Representatives](#)

- [View Partner Searches](#)
- [Launch a New Partner Search](#)
- [Opportunity finder](#)
- [Find your Representative](#)

Ideal-ist addresses ICT companies and research organizations worldwide wishing to find project partners for a participation in the Horizon 2020 program of the European Commission. Ideal-ist offers a unique and quality-labelled Partner Search and other services helping to ease participation in Horizon 2020. Learn more [About ideal-ist](#)

In ASEAN, Reps in The Philipines, Singapore

Match making of project ideas and interested parties

EURAXESS ASEAN

EURAXESS ASEAN links researchers in ASEAN with Europe. Free information and events on research funding, research careers and collaboration opportunities.

EURAXESS ASEAN has been serving researchers in all fields interested in a research career in Europe since 2007.

[SIGN UP AND BECOME A MEMBER](#)

Match making

Our advice,

- The EC InfoDays on particular topics. Match-making
- Other networking
- Pull your relations in Europe, business colleagues, customers and suppliers, friendly RTOs or Universities, etc. Try to find common interests and ask them to help you join a suitable consortium
- There is a large number of Consultancy organizations supporting interested parties join or organize a consortium for a particular topic or technical area of interest

implementation

treatment
project
plan strategy research
resources

risk

performance

cost
evaluation

customer
organization
research
performance
complex
probability
assessment
identification
management
process

sales
customer

plan

management

analysis

planning

implementation

monitor

risk
retention
organization
management

impact
retention
performance
opportunity
assessment
project

cost

evaluation

performance
organization



PIC - Participant Identification Code

To be able to use the Participant Portal Submission Service, it's mandatory that you have:

- an ECAS account (Personal):** register yourself through the European Commission Authentication Service (ECAS) in order to access the IT tools of the Participant Portal
- a PIC number (Organisation):** the 9-digit PIC is used to identify organisations throughout the different steps of a project's lifecycle.

How to:

https://ec.europa.eu/research/participants/portal/doc/call/fp7/fp7-ict-2013-sme-dca/32991-obtaining_pic_and_ecas_en.pdf

Search existing PICs:

[Participant register \(europa.eu\)](http://Participant%20register%20(europa.eu))

PIC - Participant Identification Code



Contents of a H2020 Proposal (1/2)

The EC proposes a template (Part B), as well as evaluation criteria:

1. Excellence

- Clarity and importance of the **objectives**;
- Soundness of the concept, including trans disciplinary considerations;
- **Credibility** of the proposed approach, methodology, etc.
- Extent that proposed work is ambitious, has innovation potential, and is **beyond the state of the art** (e.g. ground-breaking objectives, novel concepts and approaches)
- **Open Science** and Open Data, **Gender** issues

2. Impact:

- The expected impacts listed in the WP under the relevant destination, as well as expected outcomes described in the topic;
- Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets;
- Soundness of the business cases and business plans & commitment to first exploitation;
- Evidence of the market potential & of the competitive technology advantage that will be gained;
- Potential of creating jobs in Europe;
- ...measures to communicate, disseminate results & IPR (Open Access)
- Contribution, where appropriate, to standards, skills & educational training.
- Any other environmental and socially important impacts (not already covered above);

Contents of a H2020 Proposal (2/2)

3. Quality and efficiency of the implementation

- The Project Plan: Quality and effectiveness of the work plan, assessment of risks, appropriateness of the effort assigned to work packages, and the resources overall;
- Coverage of the **value chain** (RTOs, materials, equipment and technology suppliers and end-users);
- **Competences, experience and complementarity** of the individual participants, as well as of the consortium as a whole;
- All participants (including 3rd Country ones) must justify their role in the consortium, which might be technical, market related, as users owning some particularly important plant or pilot site, as well as many others.

Plus,

Standard forms (Part A) including budget, [Participant Identification Code \(PIC\)](#), abstract, etc.

45 pages maximum (Part B, 1-3)

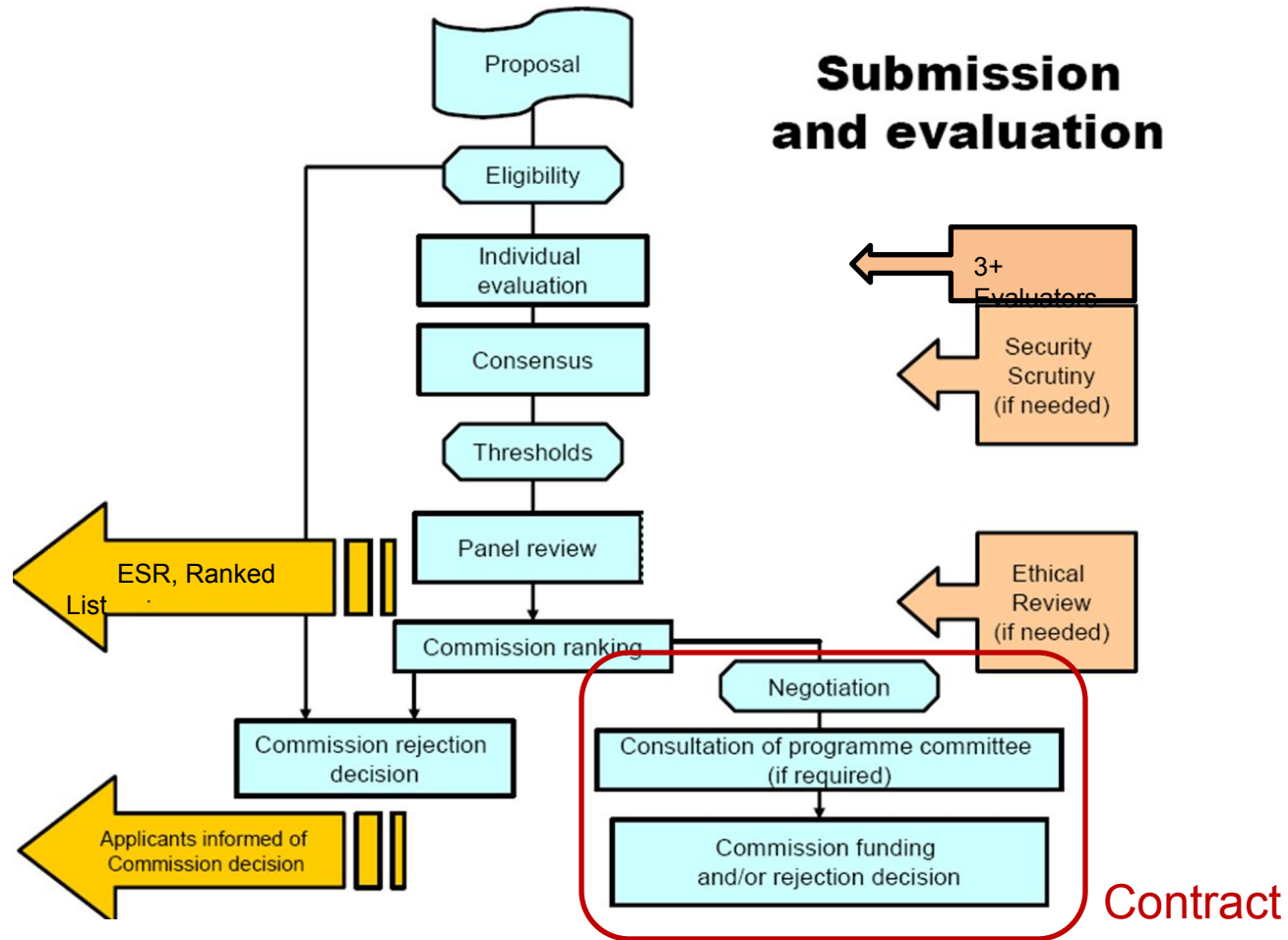
(in some cases, other number of pages – Cluster 5 IAs < 70 pages, others)

Particular topics might define a somewhat different template, to be verified in each topic. The Standard template is

[af_he-ria-ia_en.pdf](#)

[\(europa.eu\)](#)

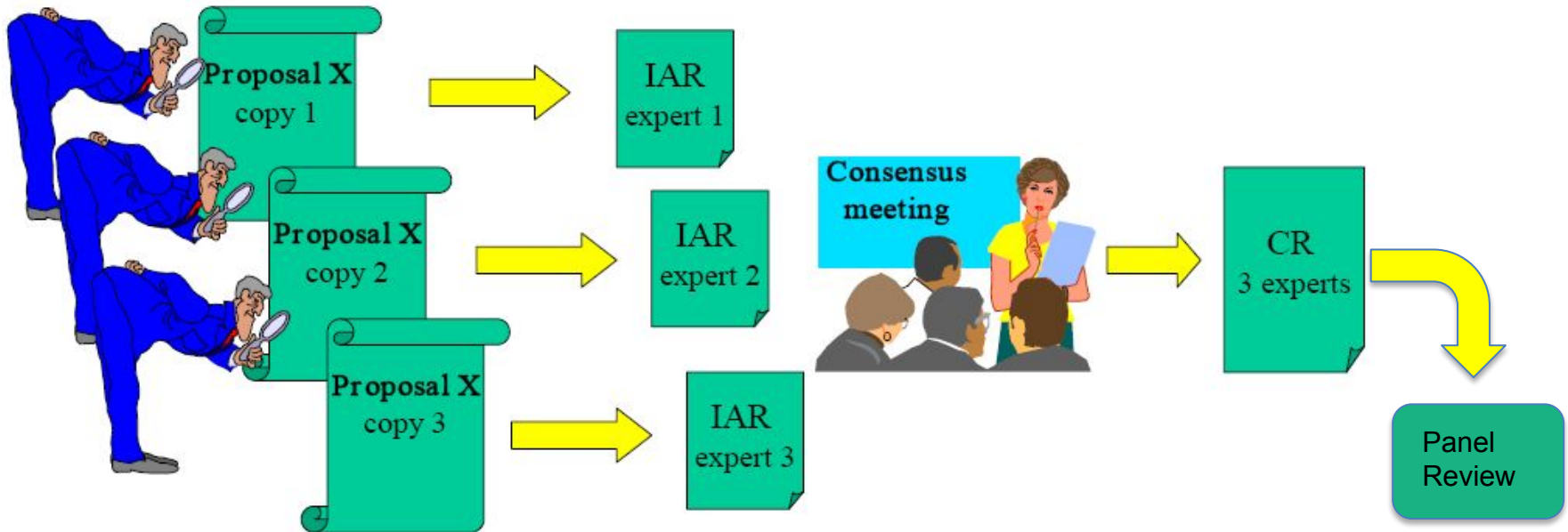
Evaluation Process



For each proposal:

Remote

Brussels



Note: There may be more than 3 evaluators
IAR=Individual assessment report
CR=Consensus Report

Evaluation criteria

- **0:** *The proposal fails to address the criterion under examination or cannot be judged due to missing or incomplete information*
- **1: Very poor.** *The criterion is addressed in a cursory and unsatisfactory manner.*
- **2: Poor.** *There are serious inherent weaknesses in relation to the criterion in question.*
- **3: Fair.** *While the proposal broadly addresses the criterion, there are significant weaknesses that would need correcting.*
- **4: Good.** *The proposal addresses the criterion well, although certain improvements are possible.*
- **5: Excellent.** *The proposal successfully addresses all relevant aspects of the criterion in question. Any shortcomings are minor.*

Minimum Threshold, depends, 11/15?

Evaluation Criteria – RIA/IA

Excellence (to the extent that the proposal addresses the WP topic)	Impact	Quality and efficiency of the implementation
<ul style="list-style-type: none"> • Clarity and pertinence of the objectives; • Soundness of the concept, and credibility of the proposed methodology; • Extent that the proposed work is beyond the state of the art, and demonstrates innovation potential (e.g. ground-breaking objectives, novel concepts and approaches, new products, services or business and organisational models) • Appropriate consideration of interdisciplinary approaches and, where relevant, use of stakeholder knowledge. 	<ul style="list-style-type: none"> • The extent to which the outputs of the project would contribute to each of the expected impacts mentioned in the work programme under the relevant topic; • Any substantial impacts not mentioned in the work programme, that would enhance innovation capacity; create new market opportunities, strengthen competitiveness and growth of companies, address issues related to climate change or the environment, or bring other important benefits for society; • Quality of the proposed measures to: <ul style="list-style-type: none"> • Exploit and disseminate the project results (including management of IPR), and to manage research data where relevant. • Communicate the project activities to different target audiences 	<ul style="list-style-type: none"> • Quality and effectiveness of the work plan, including extent to which the resources assigned to work packages are in line with their objectives and deliverables; • Appropriateness of the management structures and procedures, including risk and innovation management; • Complementarity of the participants and extent to which the consortium as whole brings together the necessary expertise; • Appropriateness of the allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role.



pixabay

Thank you very much
for your interest !!

ESKERRIK ASKO

GRACIAS

THANK YOU

MERCI



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blogs.tecnalia.com



www.tecnalia.com