

# HORIZONTE EUROPA

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GOBIERNO  
DE ESPAÑA

MINISTERIO  
DE CIENCIA  
E INNOVACIÓN



FECYT

FUNDACIÓN ESPAÑOLA  
PARA LA CIENCIA  
Y LA TECNOLOGÍA

oficina  
europea

## **Noelia Romero**

Coordinadora Nacional de COST y NCP en Widening&ERA - FECYT

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Jornada informativa sobre el programa COST



- 
- I. COST
  - II. Acciones COST
  - III. ¿Cómo participar en COST? - Procedimientos
  - IV. COST en España
  - V. Resultados de la OC-1-2020/2021
  - VI. Servicios de la Oficina Europea



“ The opportunity for science lies in creating an unlimited space where crossovers between ideas and people can change the world for the better. ”

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# I. COST

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- III. ¿Cómo participar en COST? - Procedimientos
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- V. Resultados de la OC-1-2020/2021
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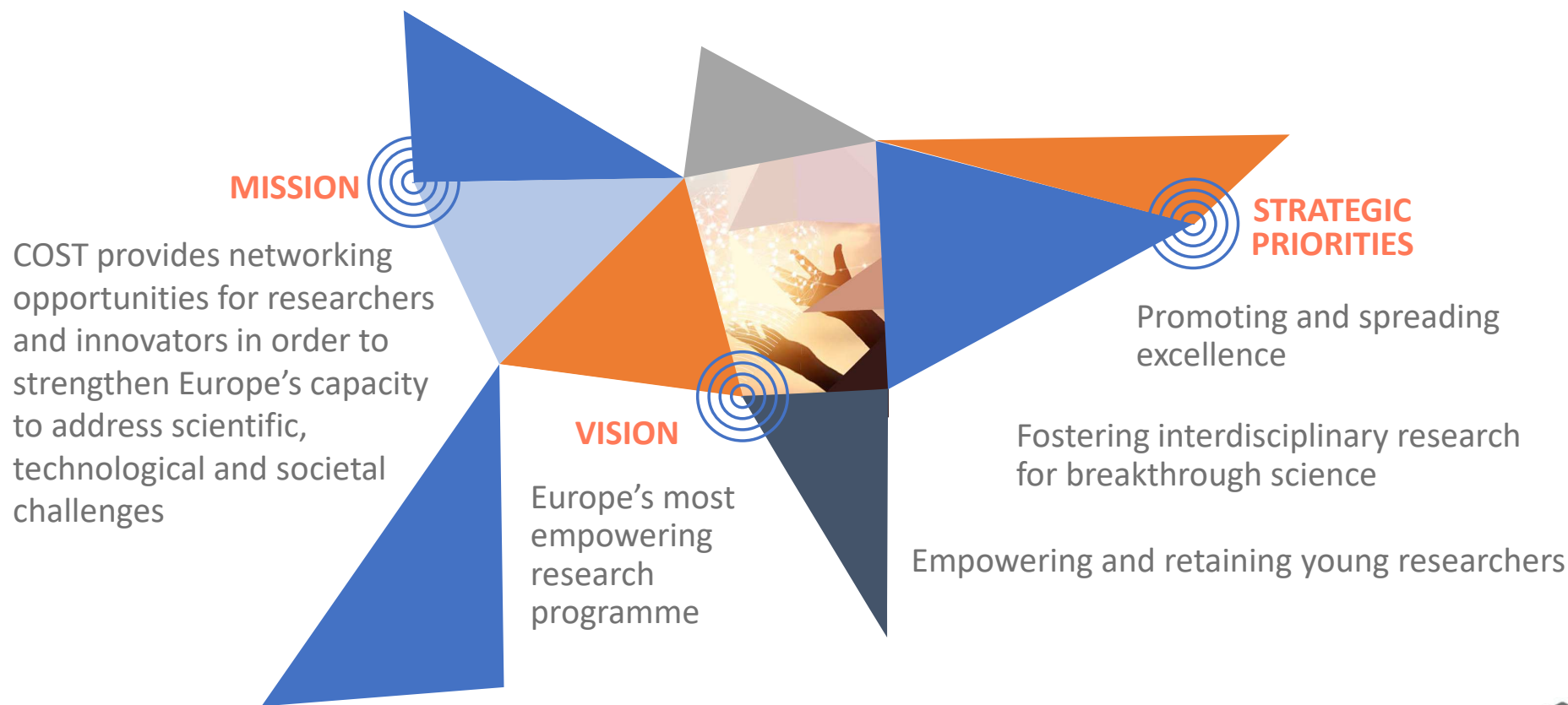
# El programa



3.181 M€



# COST: European Cooperation in Science & Technology



**COST NO FINANCIACIÓN INVESTIGACIÓN**



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# Role of COST in the ERA

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# COST - Aniversario COST



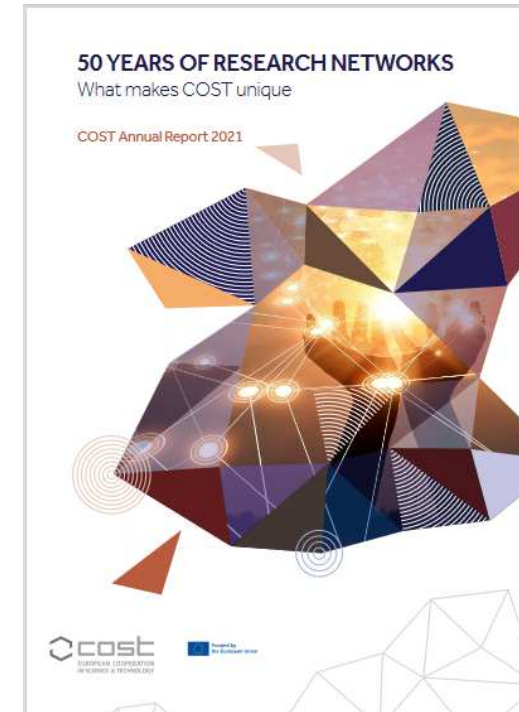
*“50 Years of Science without borders”*



<https://50years.cost.eu/>



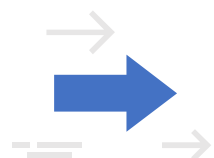
<https://www.cost.eu/publication/cost-annual-report-2021/>



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# COST: Key figures

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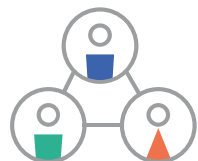
**292**  
Running Actions



**203**  
Training schools



**€134,500**  
Average annual budget  
of a COST Action



**2,320**  
Short-term  
scientific missions

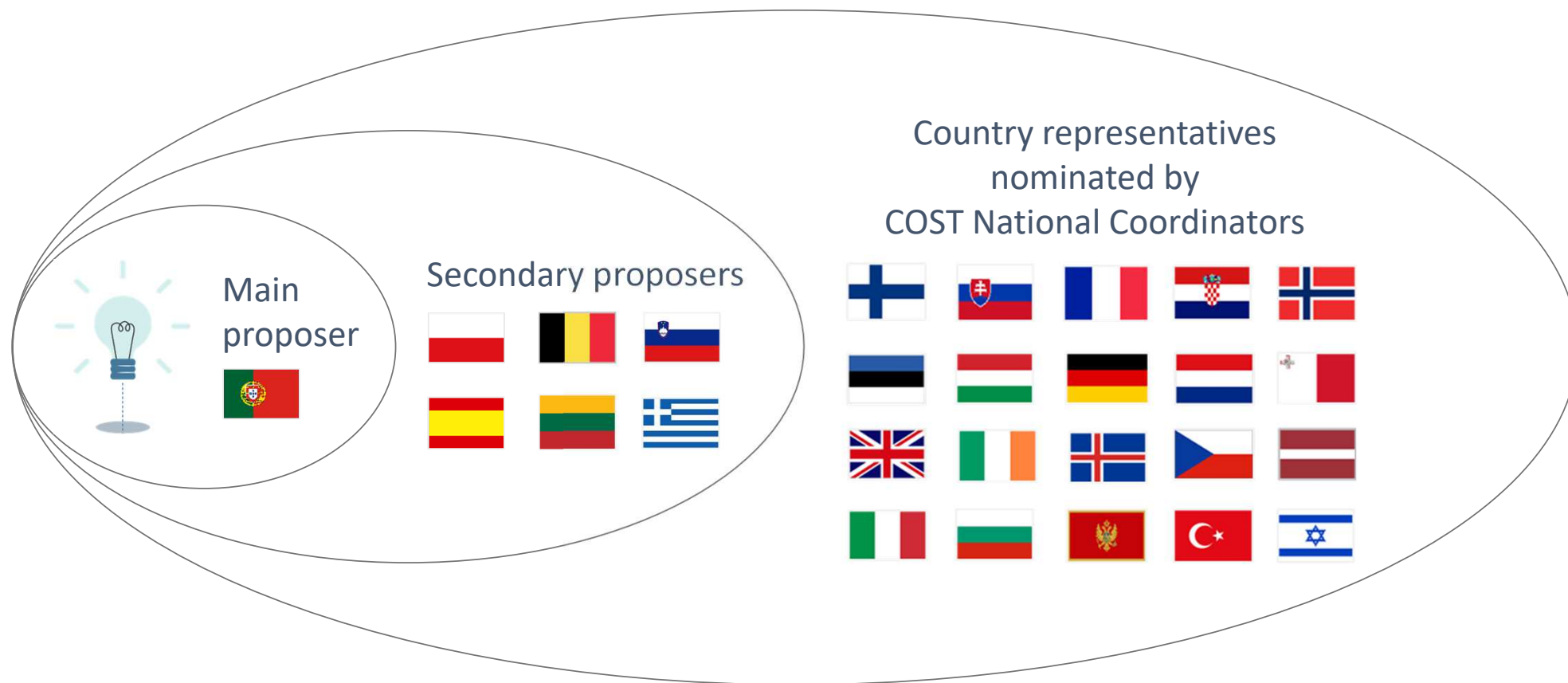


**45,000**  
Researchers involved  
in COST Actions



**€153 million**  
COST budget  
(in Horizon Europe for a 3-year period)

# How it works?



# COST Membership

## 40 Members

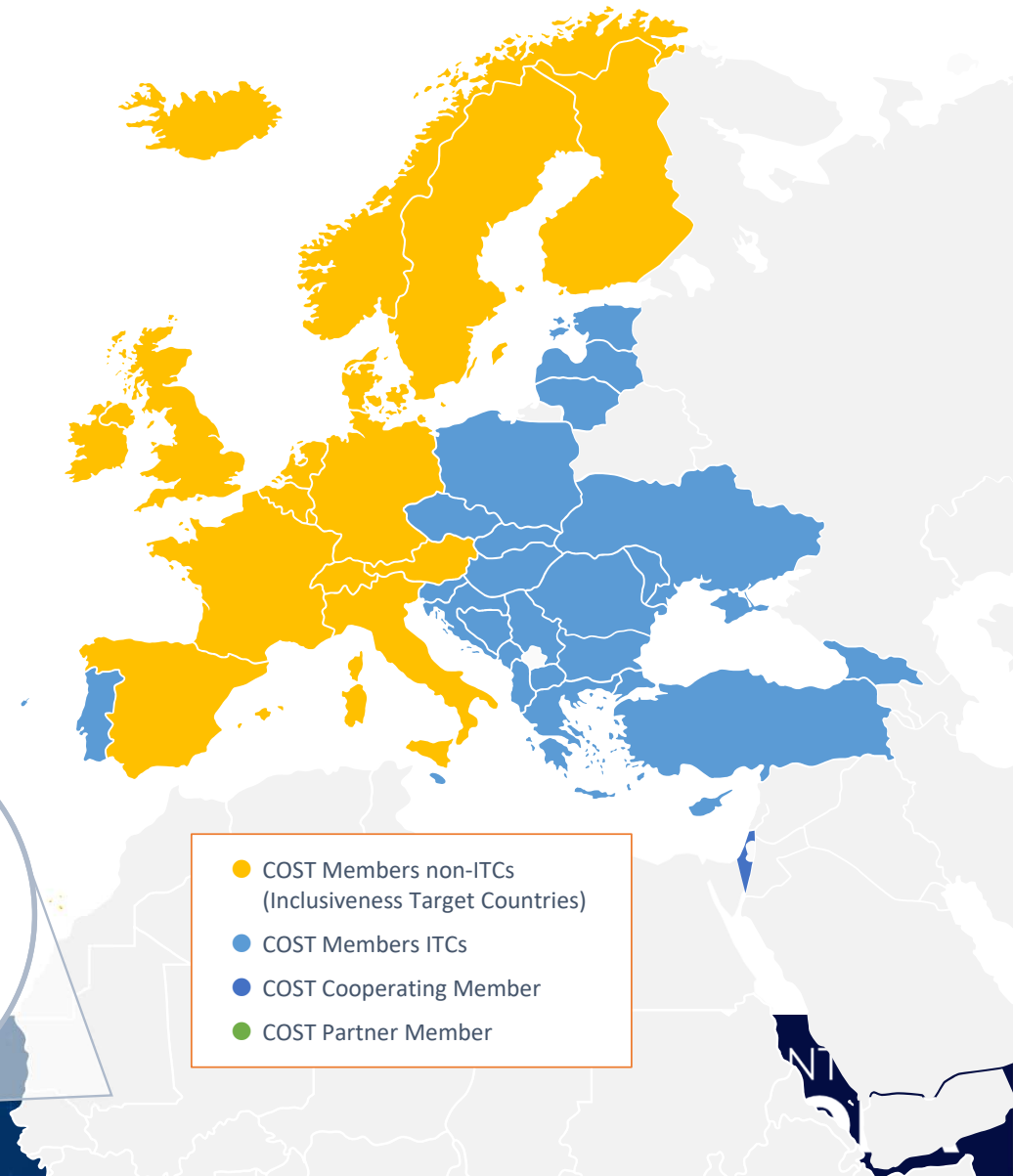
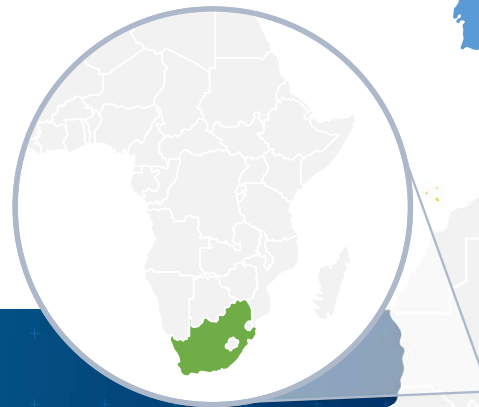
- Albania
- Austria
- Belgium
- Bosnia and Herzegovina
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Georgia
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- The Republic of Moldova
- Montenegro
- The Netherlands
- The Republic of North Macedonia
- Norway
- Poland
- Portugal
- Romania
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- Turkey
- Ukraine
- United Kingdom

## 1 Cooperating Member

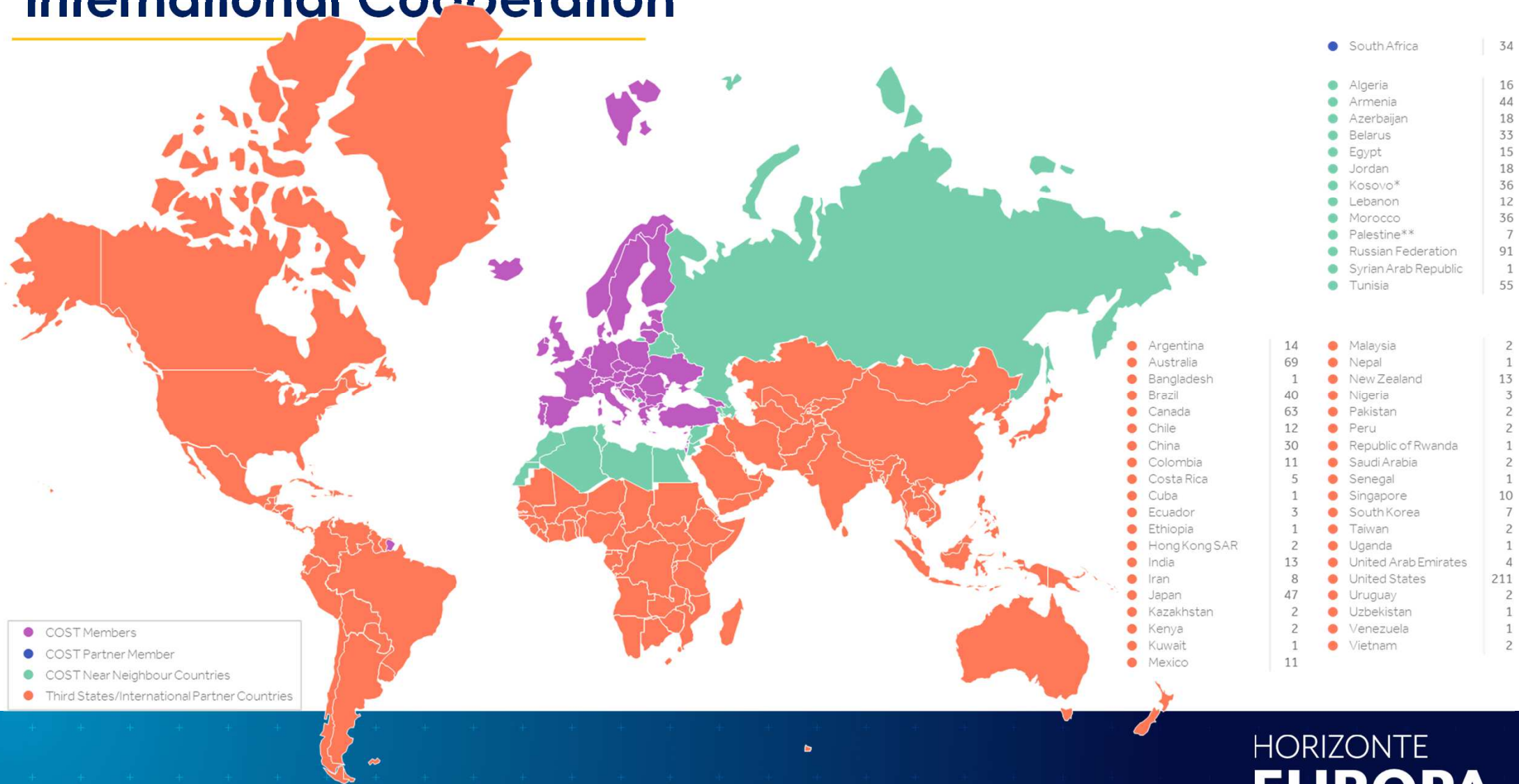
- Israel

## 1 Partner Member

- South Africa



# International Cooperation



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I. COST

**II. Acciones COST**

III. ¿Cómo participar en COST? - Procedimientos

IV. COST en España

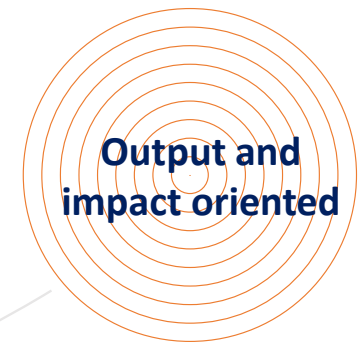
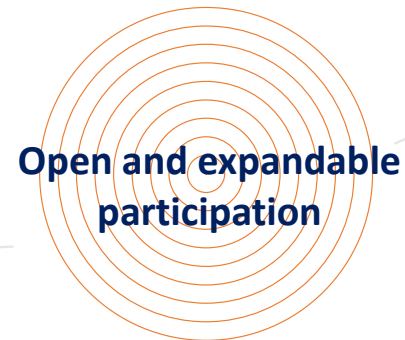
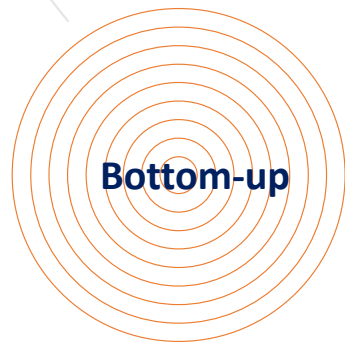
V. Resultados de la OC-1-2020/21

VI. Servicios de la Oficina Europea

# COST Actions

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An efficient networking tool

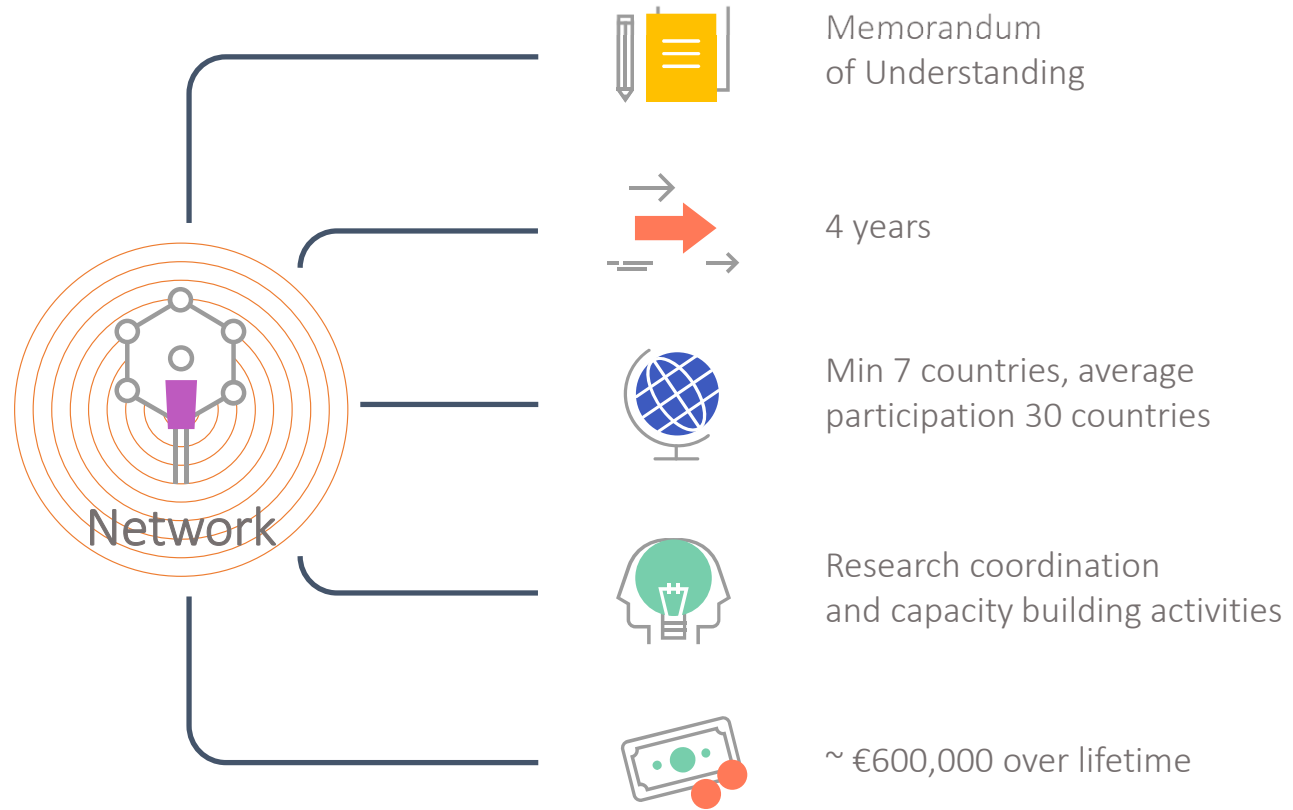


# COST Actions

## AN EFFICIENT NETWORKING TOOL

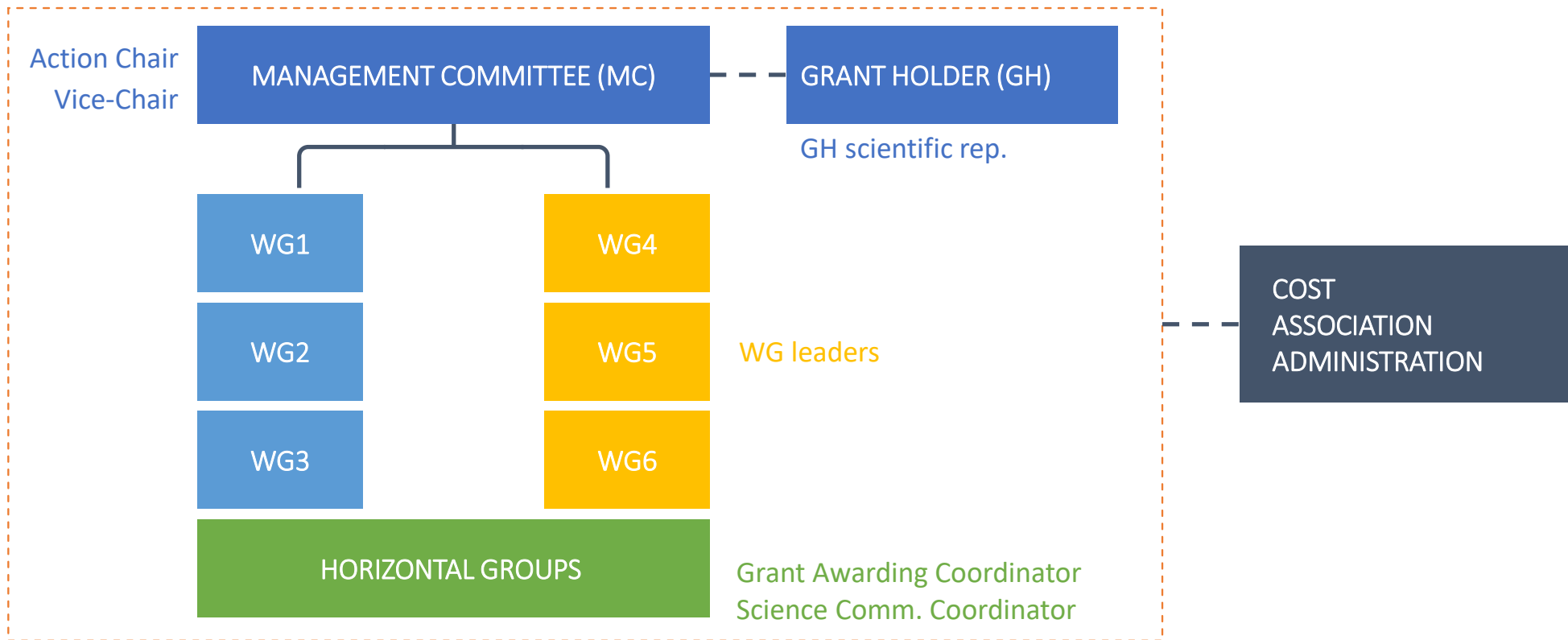
**COST provides funding** for research coordination and capacity building activities

COST is not funding research itself, but pooling resources and research results by networking





# Leadership positions

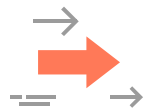


# Networking tools

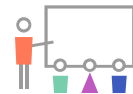
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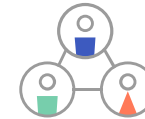
Research coordination  
& capacity building activities



Management  
committee  
meeting



Conferences/  
workshops



Short-term scientific  
missions



Working group  
meeting



Training schools



Dissemination



Virtual  
networking  
grant

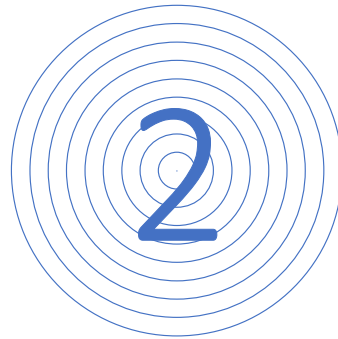
- 
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# How to engage with COST?

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As a **participant**  
of a running Action

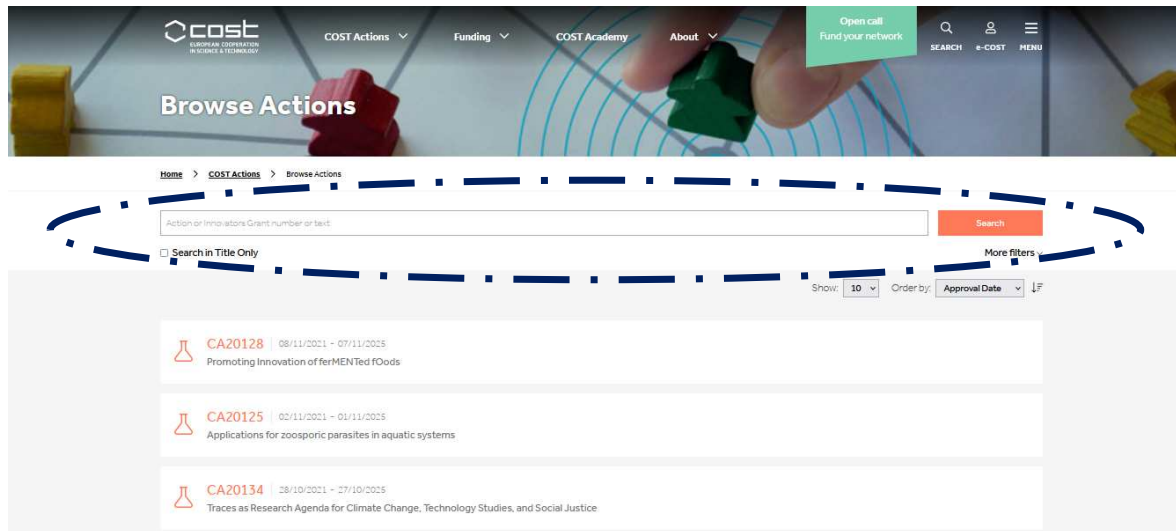


As a **proposer**  
of a new COST Action



As **expert** to evaluate  
submitted proposals

# As a participant in a running Action (I/III)



The screenshot displays the 'Browse Actions' page on the COST website. The header includes the COST logo and navigation menus for 'COST Actions', 'Funding', 'COST Academy', and 'About'. A green button labeled 'Open call Fund your network' is visible. Below the header, a search bar is present with a 'Search' button and a 'More filters' link. The main content area shows a list of three actions:

Action ID	Start Date	End Date	Title
CA20128	08/11/2021	07/11/2025	Promoting Innovation of ferMENTed Foods
CA20125	02/11/2021	01/11/2025	Applications for zoospore parasites in aquatic systems
CA20134	28/10/2021	27/10/2025	Traces as Research Agenda for Climate Change, Technology Studies, and Social Justice



<https://www.cost.eu/cost-actions-event/browse-actions/>

# As a participant in a running Action (II/III)



**FIND THE ACTION  
IN YOUR FIELD**  
of interest on the  
COST website



**READ THE  
PROJECT PLAN  
(MoU) – identify  
your potential  
contribution**



**BROWSE THE  
ACTION'S OWN  
WEBSITE –  
check their  
activities**



**IDENTIFY THE  
OPPORTUNITIES**  
to join the Action  
and your contact  
person

The screenshot shows the 'Browse Actions' page on the COST website. The header includes the COST logo and navigation links: 'COST Actions', 'Funding', 'COST Academy', and 'About'. There is also an 'Open call Fund your network' button and search, user, and menu icons. The main content area has a search bar with the placeholder text 'Action or Innovations Grant number or text' and a 'Search' button. Below the search bar are filters for 'Search in Title Only' and 'More filters'. The results section shows two actions: 'CA20128 Promoting Innovation of ferMENTed Foods' and 'CA20125 Applications for zoonotic parasites in aquatic systems'. A dashed blue line highlights the search bar and filters.



<https://www.cost.eu/cost-actions-event/browse-actions/>

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# As a participant in a running Action (III/III)

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**AS A MANAGEMENT COMMITTEE (MC) MEMBER**  
(contact the COST National Coordinator)



**AS A WORKING GROUP (WG) PARTICIPANT**  
(contact the WG leader)



**AS A PARTICIPANT IN ACTION ACTIVITIES**  
short-term scientific mission, ITC conference grant, training school,  
workshop/conference, ...  
(check the Action's website, contact the chair or the national MC member)

# Open Call

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One-stage [online submission](#) of proposals (e-COST)

Proposal should focus on S&T Excellence, Networking Excellence, Impact and Implementation

70 COST Actions approved per collection

Main proposer + secondary proposer

Collection date:  
20 October 2022  
12:00 CET

[www.COST.eu](http://www.COST.eu)  
[opencall@cost.eu](mailto:opencall@cost.eu)



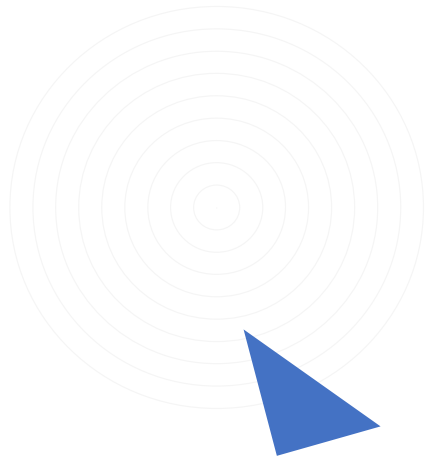
# Open Call for proposals – how to apply



1

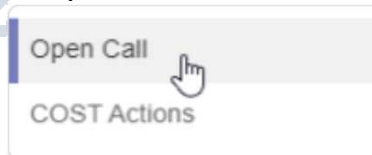
Create a COST account:

<https://www.cost.eu/ecost>

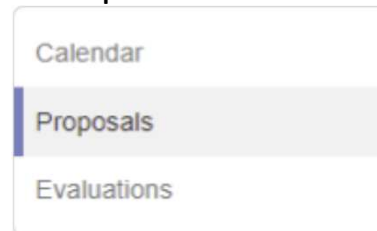


2

> Open Call



> Proposals



> Create new proposal

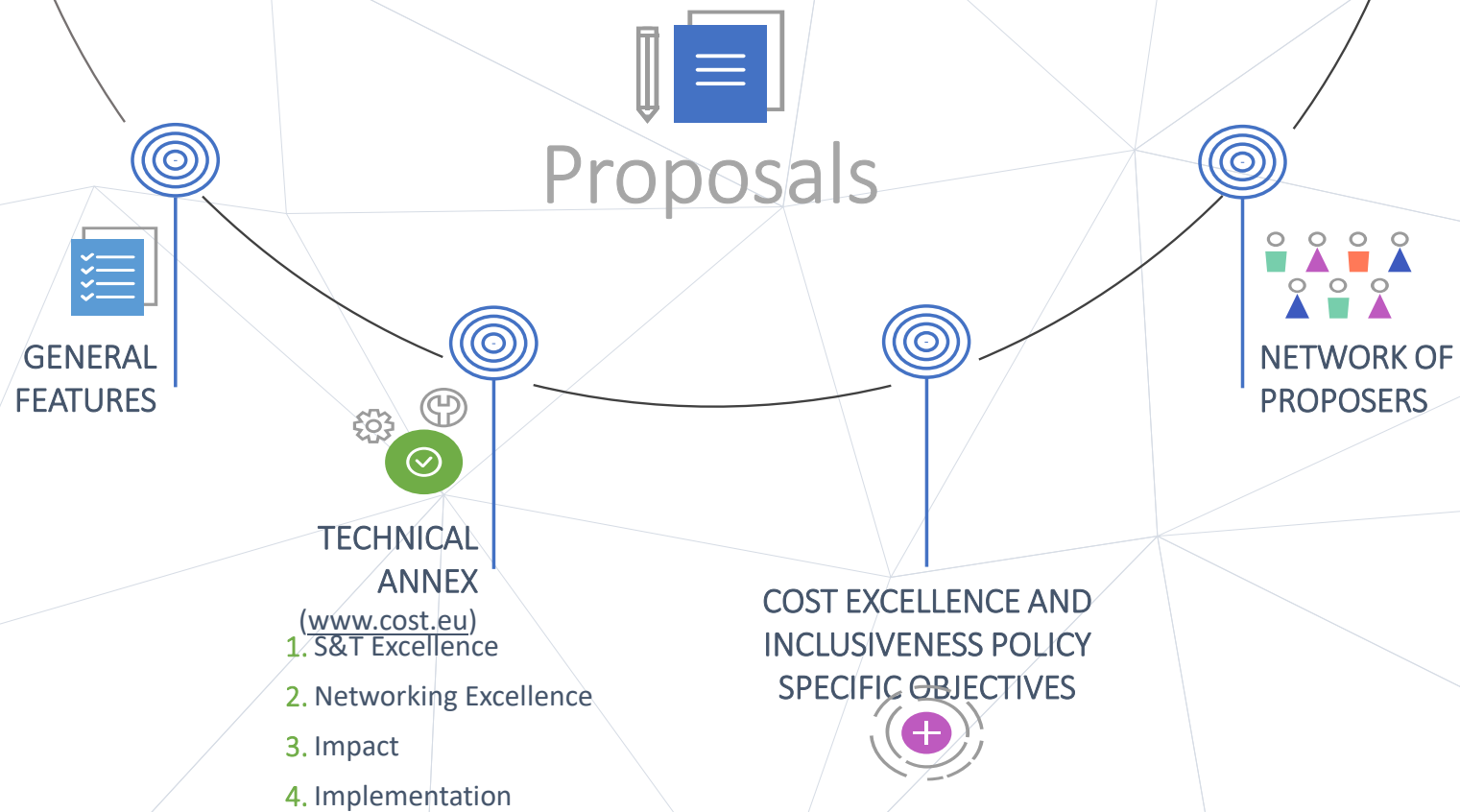


3

Online registration  
and submission:

General information  
+ Technical Annex

# Proposals



## GENERAL FEATURES

# Online submission tool (e-COST)\*

Overview

General Features

Technical Annex

References

COST Mission and Policies

Network

Documents

« My Proposals

Main Proposer Institution \*  
Brussels Free University - COST Country Institutions

Title (Maximum 12 words) \*  
Organ Donor Network

Acronym \*  
(max 60 characters)  
OrgDonNet

Keyword 1 \*  
(max 60 characters)  
Database

Keyword 2 \*  
(max 60 characters)  
Transplantation

Keyword 3 \*  
(max 60 characters)  
Donour

Keyword 4  
(max 60 characters)

Summary: Maximum 250 words

← → B I × × Ω ☰ ☷ ☹ ☺ ☻ ☼ ☽ ☿

About five percent European citizens suffers from organ malfunctioning. Living donor transplantation is often the most effective treatment and the alternative of deceased donor transplantation is severely limited by availability. As approximately 50% of living donors are incompatible with their specified recipient, several European countries have independently developed organ exchange programmes.

Exchange programmes aim to match donors optimally to recipients for organ exchange within the population of recipient-donor pairs.

p Words: 68

AREAS OF EXPERTISE NEEDED FOR EVALUATION

Science Field  
Health Sciences

Research Area  
Health Services, Health Care Research

Proposal Reference:  
OC-2017-1-21892

Proposal Status:  
Draft

Checklist:

- ✓ General Features
- ✗ Technical Annex (1 issue)
- ✓ COST Policies
- ✗ Network (1 issue)

Generate PDF

Ready to submit?

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# Proposals



GENERAL  
FEATURES



TECHNICAL ANNEX  
([www.cost.eu](http://www.cost.eu))

1. S&T Excellence
2. Networking Excellence
3. Impact
4. Implementation

Funding ▾

COST Actions ▾

> How to get funding

How to apply

Open Call

Evaluation, selection and approval

Documents and **guidelines**



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# Technical Annex

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## SECTIONS

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**1.** S&T EXCELLENCE

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**2.** NETWORKING  
EXCELLENCE

---

**3.** IMPACT

---

**4.** IMPLEMENTATION

## SUB-SECTIONS

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**1.1** Soundness of the challenge  
**1.2** Progress beyond the state-of-the-art

---

**2.1** Added value of networking in S&T excellence  
**2.2** Added value of networking in impact

---

**3.1** Impact to science, society and competitiveness,  
and potential for innovation/breakthroughs  
**3.2** Measures to maximise impact

---

**4.1** Coherence and effectiveness of the work plan

- Downloadable Word template
- Max. 15 pages
- Diagrams and figures accepted



# Proposals



GENERAL  
FEATURES



## TECHNICAL ANNEX

1. S&T excellence
2. Networking Excellence
3. Impact
4. Implementation

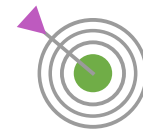
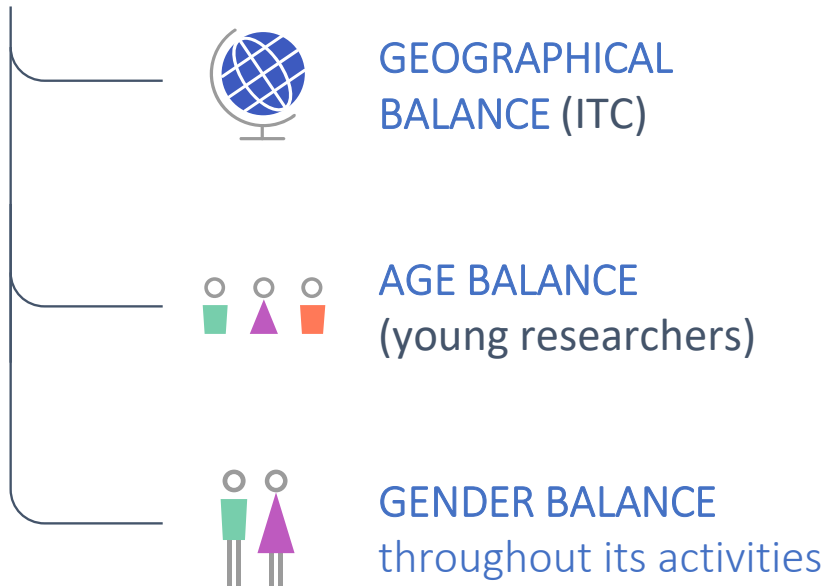
COST EXCELLENCE AND  
INCLUSIVENESS POLICY  
SPECIFIC OBJECTIVES



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# COST Excellence and Inclusiveness Policy

## PROMOTING



## OBJECTIVES

1. Identifying excellence in science and technology across Europe
2. Increasing research communities' access to funding and infrastructures
3. Triggering structural changes in COST Members' national research systems



# Proposals

GENERAL  
FEATURES



NETWORK OF  
PROPOSERS



1. S&T excellence
2. Networking Excellence
3. Impact
4. Implementation

COST EXCELLENCE AND  
INCLUSIVENESS POLICY  
SPECIFIC OBJECTIVES



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# Evaluation

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## ELIGIBILITY!

- Anonymous
- Minimum 50% ITC
- Peaceful purpose
- Format
- English

STEP

①

### EXTERNAL REMOTE EVALUATION

- 3 Independent External Experts
- Technical Annex

STEP

②

### REVISION AND QUALITY CHECK BY REVIEW PANELS

STEP

③

### SELECTION BY THE SCIENTIFIC COMMITTEE

COST policy and objectives

STEP

④

### APPROVAL BY COST COMMITTEE OF SENIOR OFFICIALS

Results 7-8 months after submission

# Evaluation Criteria

## S&T EXCELLENCE

- Soundness of the challenge
- Progress beyond the state-of-the-art

### 3 QUESTIONS

Total marks for the section = 15 points

## NETWORKING EXCELLENCE

- Added value of networking in S&T excellence
- Added value of networking in Impact

### 3 QUESTIONS

Total marks for the section = 15 points

## IMPACT

- Impact to science, society and competitiveness, and potential for innovation/breakthroughs
- Measures to maximise impact

### 3 QUESTIONS

Total marks for the section = 15 points

## IMPLEMENTATION

- Coherence and effectiveness of the work plan

### 1 QUESTION

Total marks for the section = 5 points

TOTAL MARKS AWARDED = 50 points - OVERALL THRESHOLD = 34 points

# How to apply in a nutshell

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Read the official  
announcement

Online registration  
and submission (e-COST)

Helpdesk:  
[opencall@cost.eu](mailto:opencall@cost.eu)

Read the SESA  
Guidelines

Technical Annex template  
(Documents and Guidelines  
repository on the COST website)

# Become a COST expert



As a COST Expert,  
you will have the opportunity to

Contribute to the evaluation  
of COST Open Call proposals



Participate in the  
assessment of Action results  
and outcomes



[Home](#) > [COST Actions](#) > [Become an external expert](#)

## Call for COST external experts

We invite experts from all scientific areas to participate in the evaluation of proposals for COST Actions collected once a year through the COST Open Call.

By being available for occasional, short-term assignments you will contribute to fair, inclusive, and fully transparent scientific project assessment at European level.

A COST external expert must not necessarily belong to academic institutions. However, a university degree and considerable scientific or professional experience in the specific areas of expertise are a requirement.

<https://www.cost.eu/who-we-are/working-with-us/participate-external-expert/>

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# PROCEDURE TO BECOME A MEMBER OF A COST ACTION'S MANAGEMENT COMMITTEE



## PUBLICACIÓN DE RESULTADOS

- Cost Association contacta con los Main Proposers



## NUEVAS ACCIONES COST

Se publican en la web de COST



## PROCEDIMIENTO DE NOMINACIONES AL MC

- Cada país pone en marcha su procedimiento.



## PROCEDIMIENTO NOMINACIONES ESPAÑOL

Se publica en el portal de HE español



## PROCEDIMIENTO ESPAÑOL

- Recepción de candidaturas (30/5 – 13/6)
- Evaluación de candidaturas (14/6 – 1/7)
- Nominaciones al MC (4/7 – 8/7)



## FUERA DE PLAZO

Las candidaturas enviadas fuera de plazo podrán ser consideradas siempre y cuando queden plazas libres.



## KICK OFF MEETING

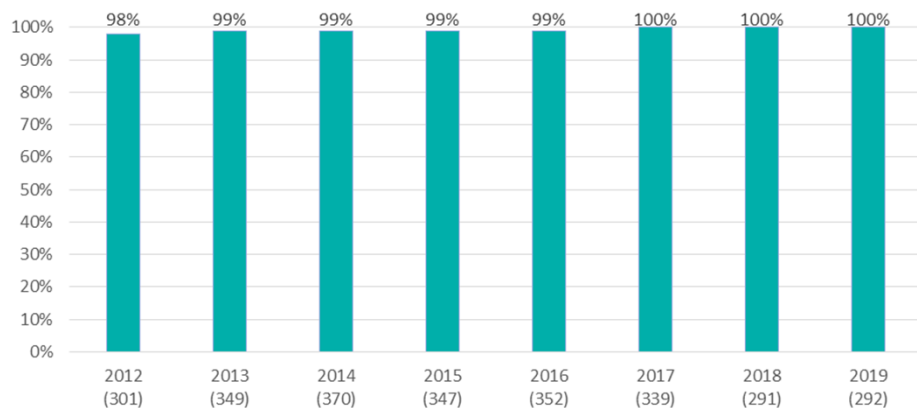
- Inicio del Proyecto, una vez se haya configurado el MC.

# Índice

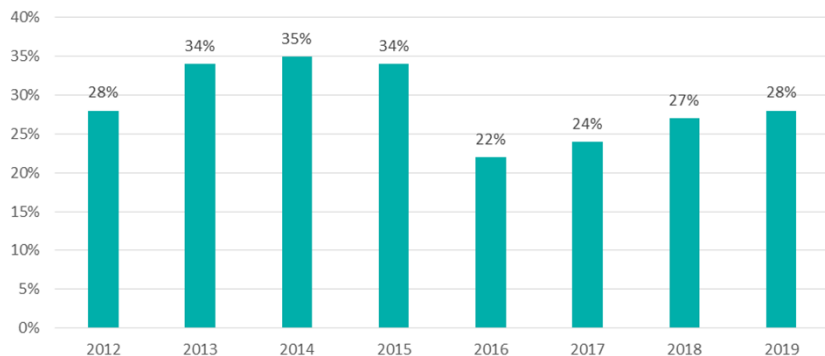
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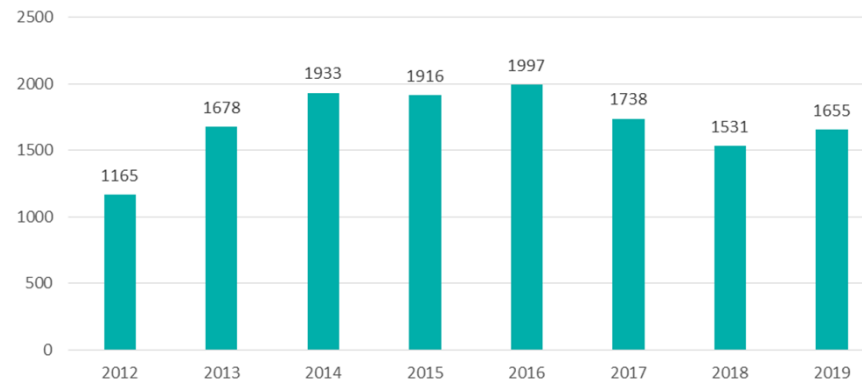
# Participación española I



Graph 1. National participation in running Actions % (total number of running Actions in bracket)



Graph 3. ECI share among participants in Actions' networking activities

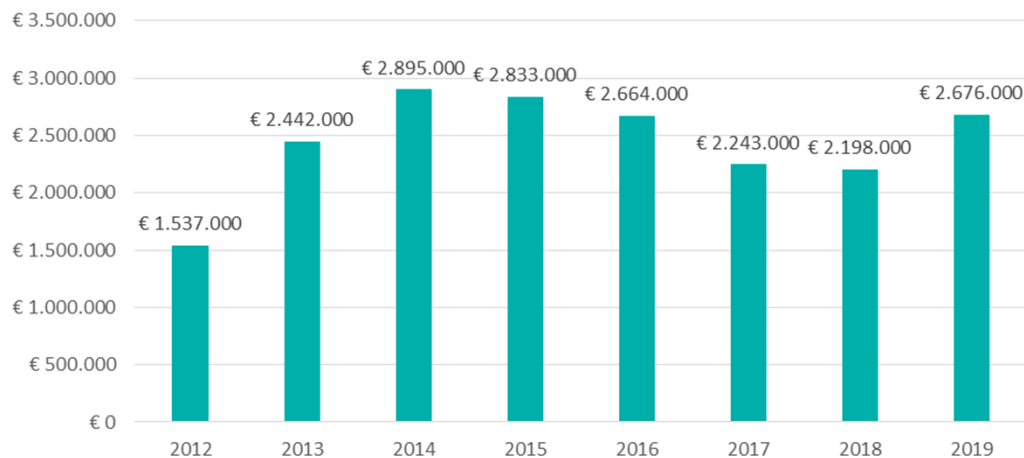


Graph 2. Total number of reimbursed participants in Actions' networking activities

The graph below shows the total number of reimbursed participants from national institutions in COST Action networking activities (meetings, Short Term Scientific Missions, Training Schools).

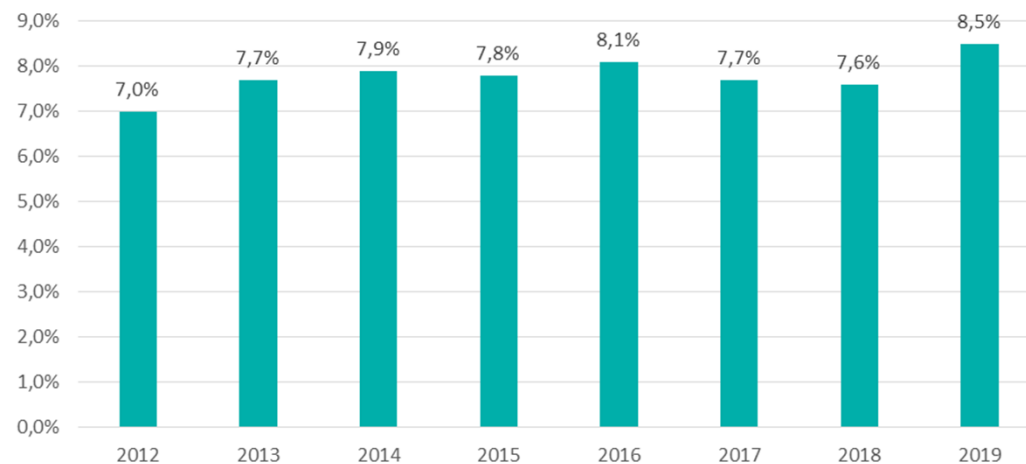
COST stimulates the participation of Early Career Investigators - ECI (between PhD and PhD + 8 years) The graph below shows the share of ECI among participants from national institutions in COST Action networking activities (meetings, Short Term Scientific Missions, Training Schools).

# Participación española II



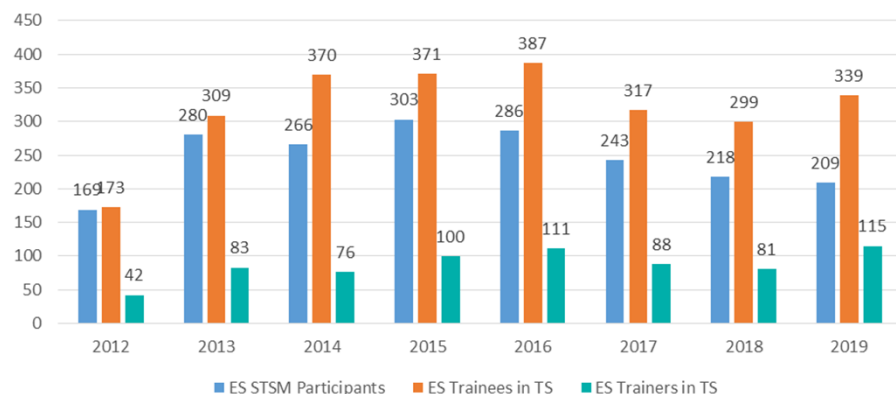
The first graph below shows the total amount that benefited participants from Spain. This includes the financial support to meetings (travel reimbursement, organization), Short Term Scientific Missions, Training Schools, administrative support to the Grant Holder institution (FSAC) but not dissemination expenses.

The second graph shows the country's share in relation to the total budget of the Actions.



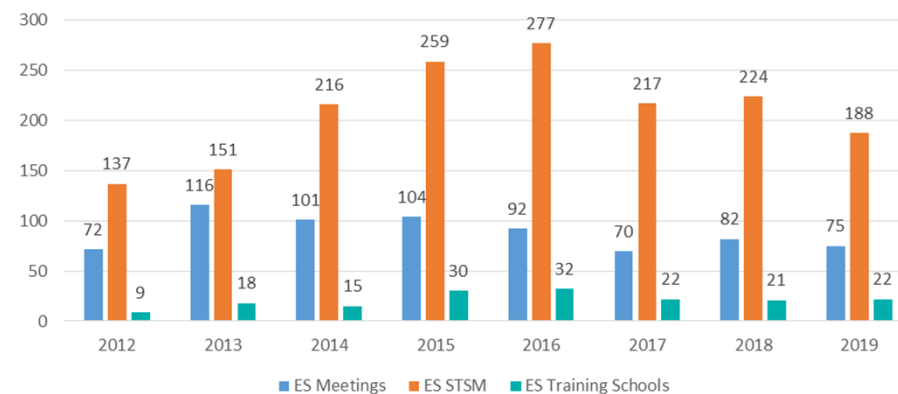


# Participación española III



The graph below shows the number of COST Action activities held in Spain and open to participants from abroad: meetings (conferences, workshops, etc.), Short Term Scientific Missions (STSM) and Training Schools.

The graph below shows the number of participations from Spain in the following networking activities: Short Term Scientific Missions – STSM (up to 6 months) and Training Schools – TS (up to 2 weeks) as trainee or trainer.



# Participación española IV

## Key figures in 2022



230

Running COST Actions with Spanish participation

153

Spanish researchers in leadership positions

1716

Spanish members throughout COST Actions

771

Spanish women researchers involved in COST Actions



423

Spanish young researchers involved as COST Members

### PARTICIPATION PER COUNTRY REGION



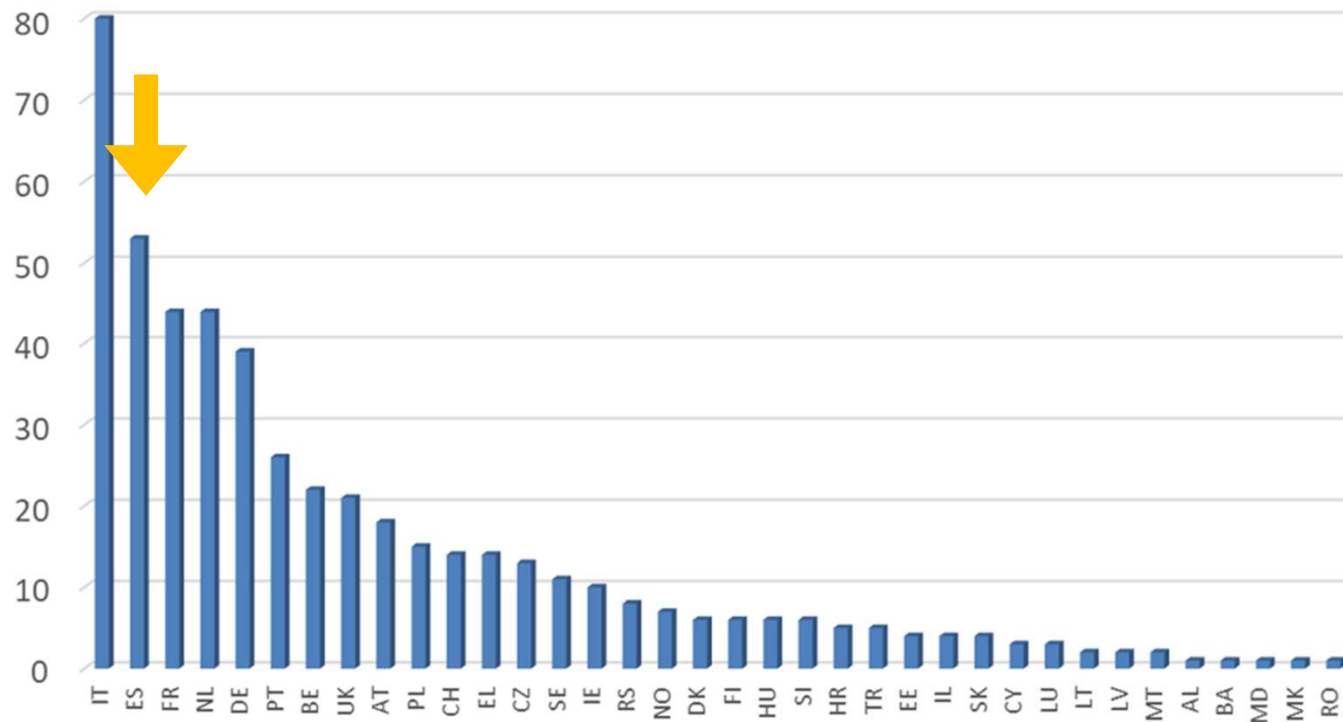
# Índice

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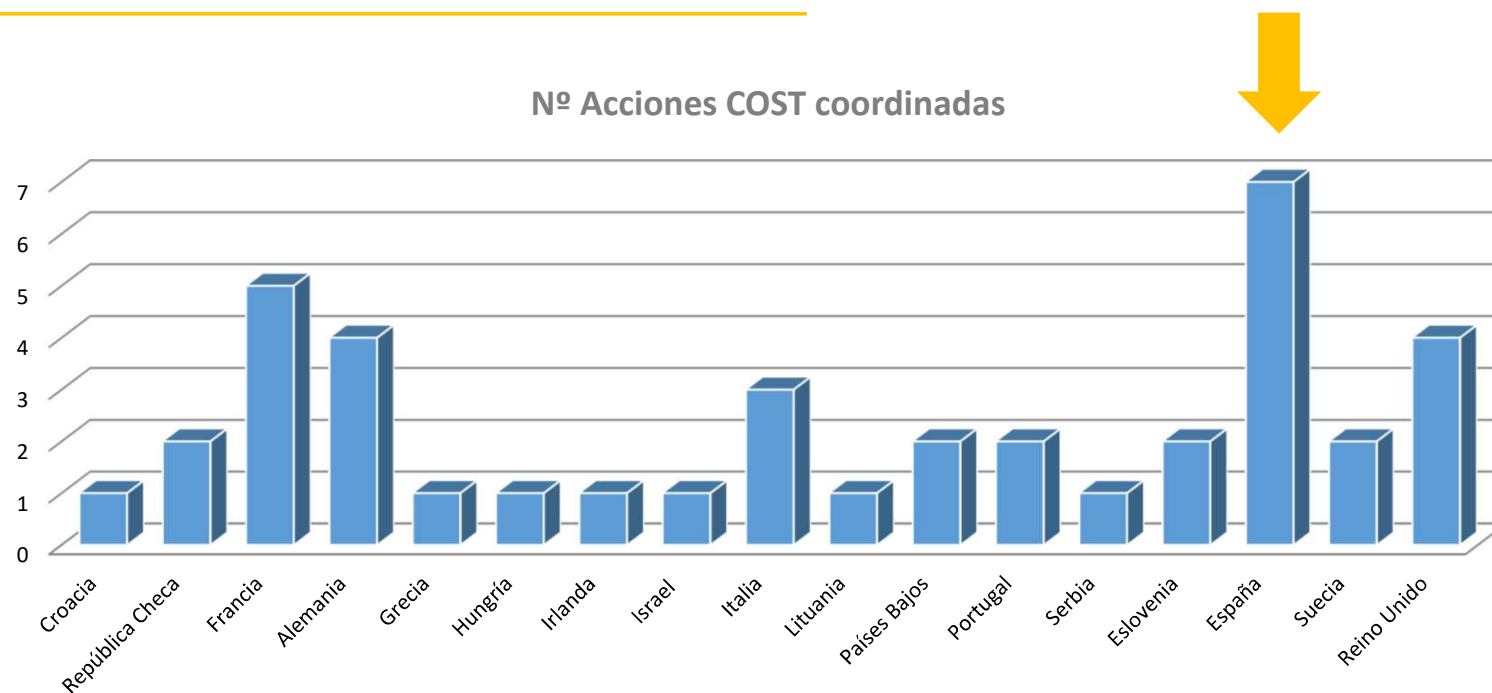
# Resultados de la OC-1-2020

Country - main proposer (nr of proposals)



- 502 propuestas recibidas
- 40 financiadas (7,96%)

# Resultados de la OC-1-2020

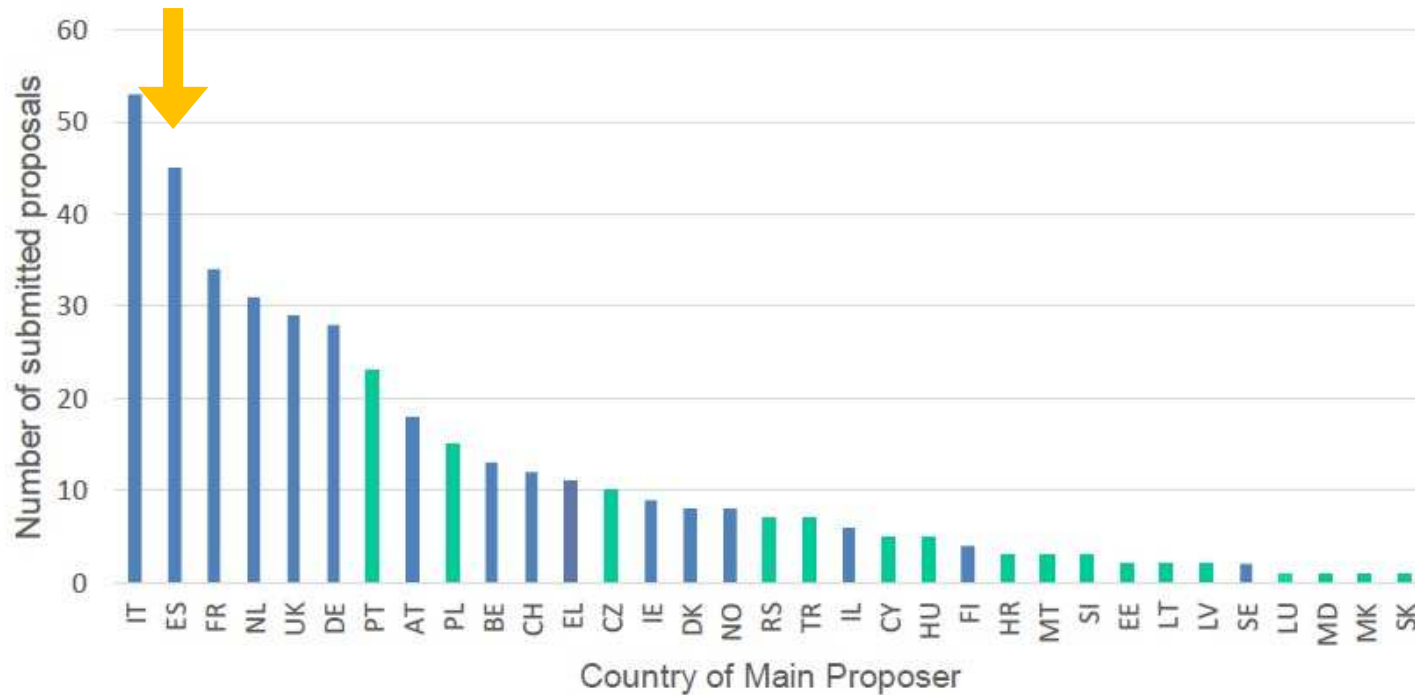


- o España: primer país liderando acciones COST, seguido de Francia y Alemania
- o Ratio de éxito aproximado: 14%

# Resultados de la OC-1-2020

Código	Título de la Acción	Institución
CA20103	BIOSECURITY ENHANCED THROUGH TRAINING, EVALUATION AND RAISING AWARENESS	Universitat Autònoma de Barcelona (UAB)
CA20113	A sound proteome for a sound body: targeting proteolysis for proteome remodeling	Centro de Investigación Príncipe Felipe
CA20114	Therapeutical applications of Cold Plasmas	Universitat Politècnica de Catalunya
CA20119	European andrology network– research coordination, education and public awareness	Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS)
CA20121	Bench to bedside transition for pharmacological regulation of NRF2 in noncommunicable diseases	Universidad Autónoma de Madrid (UAM)
CA20126	Network for research, innovation and product development on porous semiconductors and oxides	Universitat Rovira i Virgili
CA20140	CorEuStem: The European Network for Stem Cell Core Facilities	Centro de Regulación Genómica (CRG)

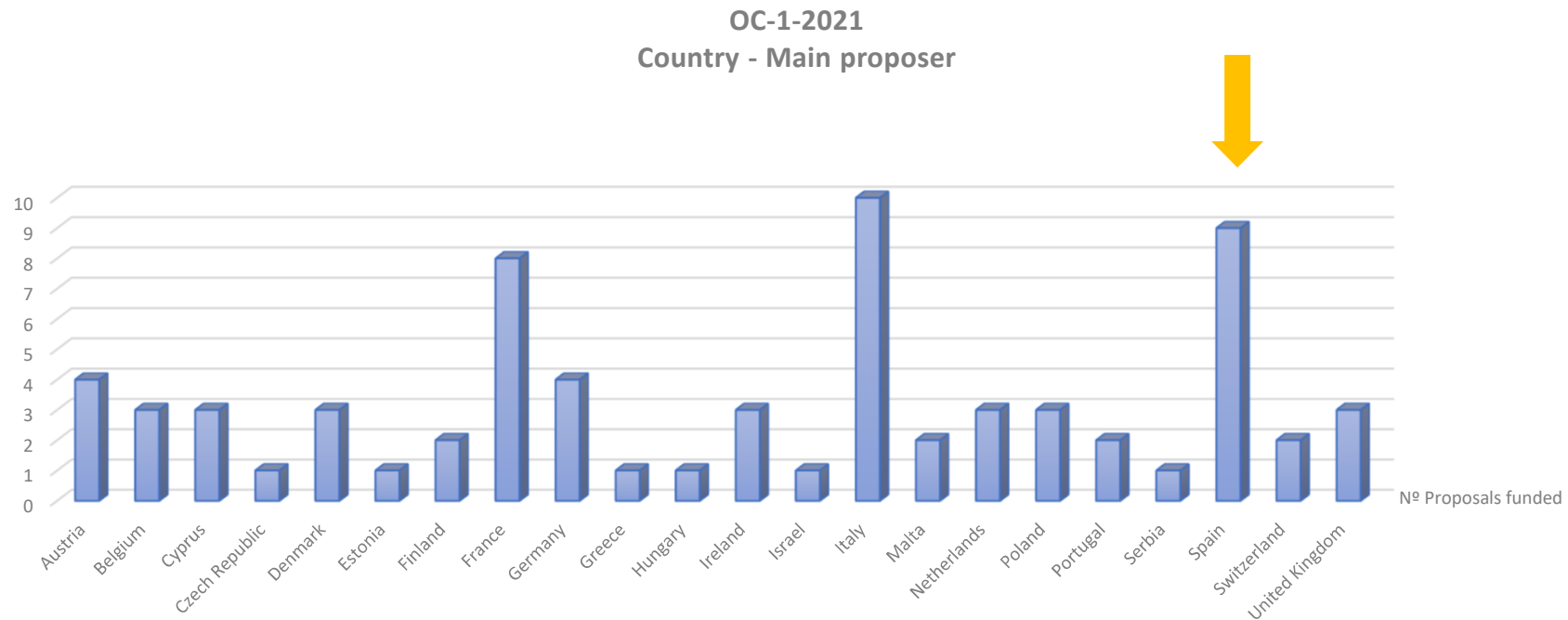
# Resultados de la OC-1-2021



- 403 propuestas recibidas
- 70 financiadas (17,37%)

Figure 1: Geographical distribution of Main proposers in OC-2021-1. In dark blue non-ITC Countries, in green ITC Countries

# Resultados de la OC-1-2021



- o España: 2º en el ranking coordinando acciones COST, seguido de Francia. (Italia lidera con 10 COST Actions).
- o Ratio de éxito aproximado: 12,85 %



# Resultados de la OC-1-2021

Nº Acció	Título de la Acción	Institución
CA21101	CONFINED MOLECULAR SYSTEMS: FROM A NEW GENERATION OF MATERIALS TO THE STARS	Consejo Superior de Investigaciones Científicas (CSIC)
CA21113	Genome Editing to Treat Humans Diseases	Fundación Progreso y Salud
CA21118	Platform Work Inclusion Living Lab	Fundació Universitat Oberta de Catalunya
CA21126	Carbon molecular nanostructures in space	Instituto de Astrofísica de Canarias (IAC)
CA21135	Modelling immunotherapy response and toxicity in cancer	Germans Trias i Pujol Research Institute (IGTP)
CA21144	SUPERCONDUCTING NANODEVICES AND QUANTUM MATERIALS FOR COHERENT MANIPULATION	Universidad Autonoma de Madrid
CA21146	Fundamentals and applications of purple bacteria biotechnology for resource recovery from waste	Universidad Rey Juan Carlos
CA21151	GENERATION OF HUMAN INDUCED PLURIPOTENT STEM CELLS FROM HAPLO-SELECTED CORD BLOOD SAMPLES	Institut d'Investigació Biomèdica de Bellvitge (IDIBELL)
CA21164	TowArDs an improVement in diAgNostiCs and trEatment strategies for TB control	Germans Trias i Pujol Research Institute (IGTP)

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- II. Acciones COST
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- VI. Servicios de la Oficina Europea**

# Oficina Europea

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## Servicios:

### PILAR 1: Ciencia Excelente

- MSCA
- ERC
- Infraestructuras de Investigación

### PILAR 2: Desafíos mundiales y competitividad industrial Europa

- Clúster 2: Cultura, Creatividad y Sociedad Inclusiva

### PILAR 3: Europa Innovadora

- Consejo Europeo de Innovación (EIC) - Pathfinder

**Pilar transversal:** Ampliar la participación y fortalecer el espacio europeo de investigación

# Oficina Europea

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## Servicios como CNC COST:

- Asesoramiento y consejo
- Aprobación de los Memorandum of Understanding (MoU).
- Nomimación de los representantes en el Management Committee (MC) de la COST Action.
- Nominación de los expertos en los paneles de revisión.
- Comunicación a la comunidad nacional

# Apoyo al participante

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