



Growing
ideas
through
networks

COST

European Cooperation in Science and Technology

Introduction to the COST Framework Programme



Funded by the Horizon 2020 Framework Programme
of the European Union

Outline

- What are the COST Actions and how to participate in them?
- How to prepare a successful proposal?

What is COST?

COST (CO-operation in Science and Technology) is the longest-running European framework supporting cooperation among researchers, engineers and scholars by enabling them to jointly develop their own ideas and new initiatives across all fields in science and technology, including social sciences and humanities.



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What are COST Actions?

Action Features

- Open and expandable participation

Open to all stakeholders, type of institutions, career levels, countries, at any time

- Bottom-up approach

researcher driven, any topic/ multiple topics

- Flexible and light administration

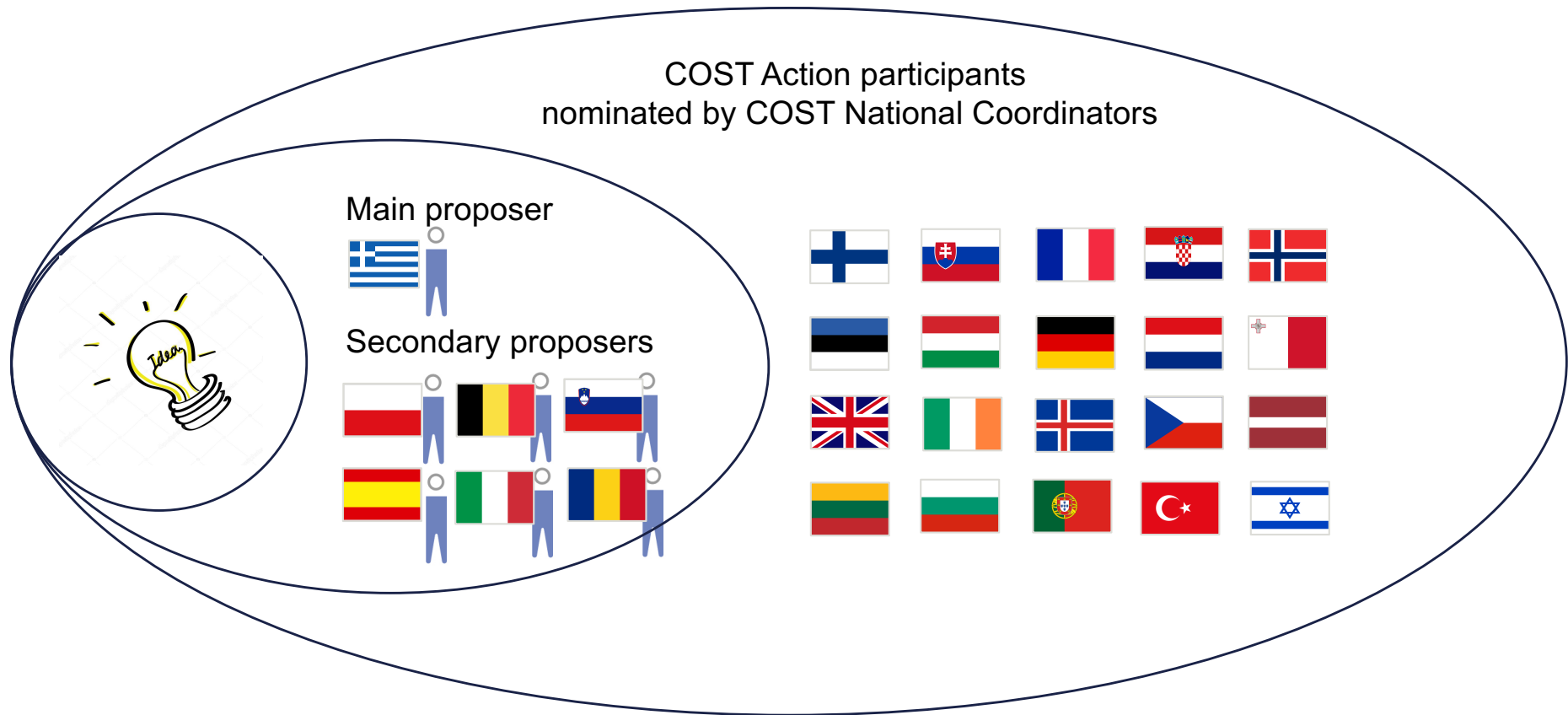
adaptable research and activities, light reporting

- Output and impact oriented

open science, wide sharing of knowledge and results, open access, open innovation

COST Actions

How do they start?

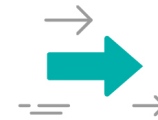


COST Actions

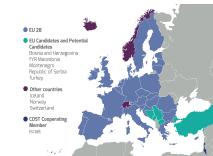
Network



Memorandum of Understanding



4 years



Min 7 countries

€ ~500 000 euros over lifetime



Research coordination and capacity building activities

Networking tools

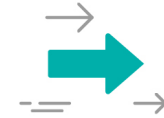
Research coordination & Capacity building activities



Dissemination



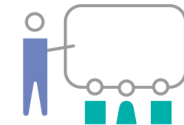
Management Committee meeting



Working Group meeting



Conferences



Training Schools



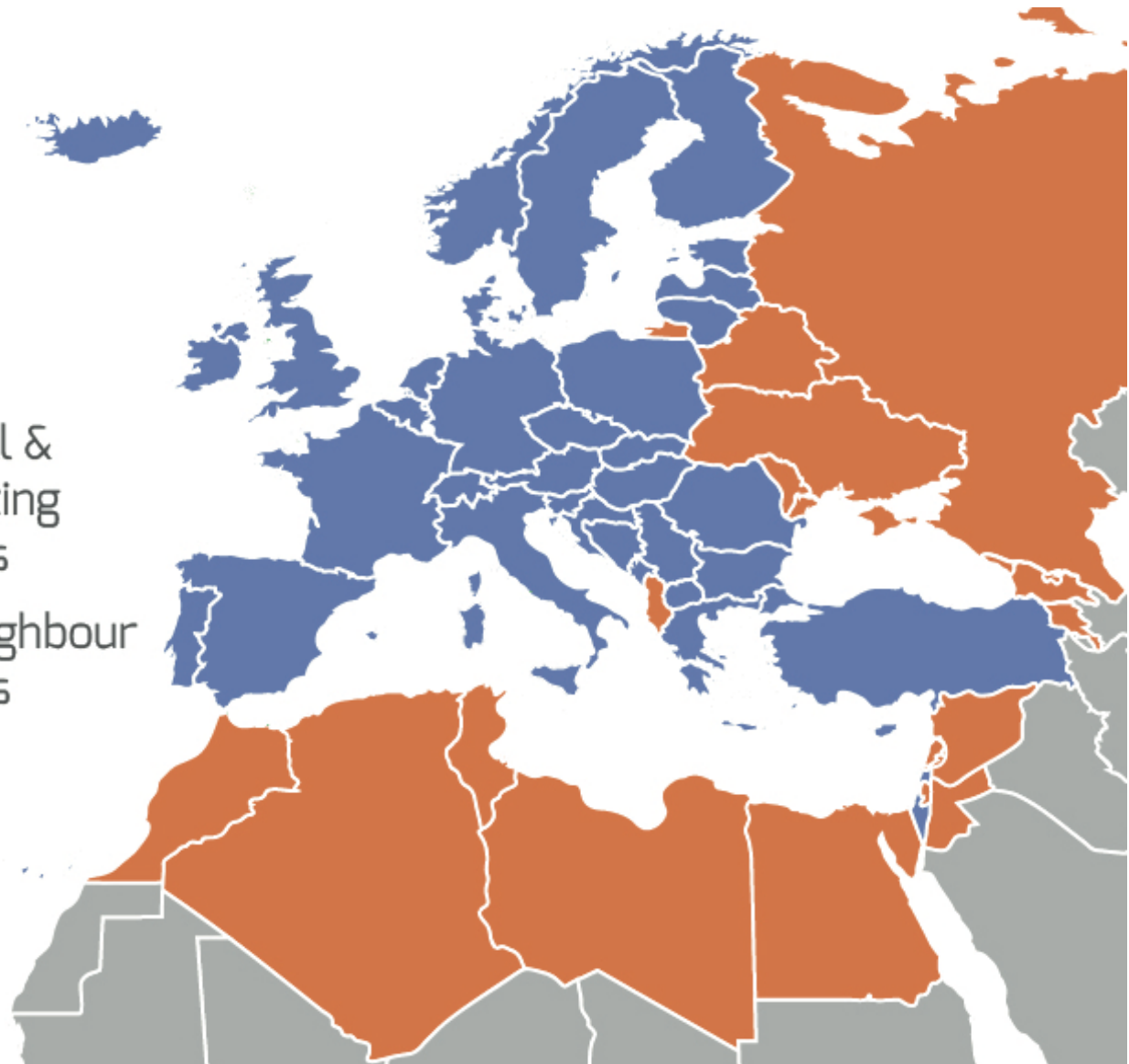
Scientific missions



Near Neighbour Countries

Albania 33
Algeria 5
Armenia 17
Azerbaijan 1
Belarus 8
Egypt 10
Georgia 6
Jordan 6
Lebanon 2
Morocco 5
Palestinian
Auth 6
Moldova 12
Russia 62
Tunisia 16
Ukraine 54

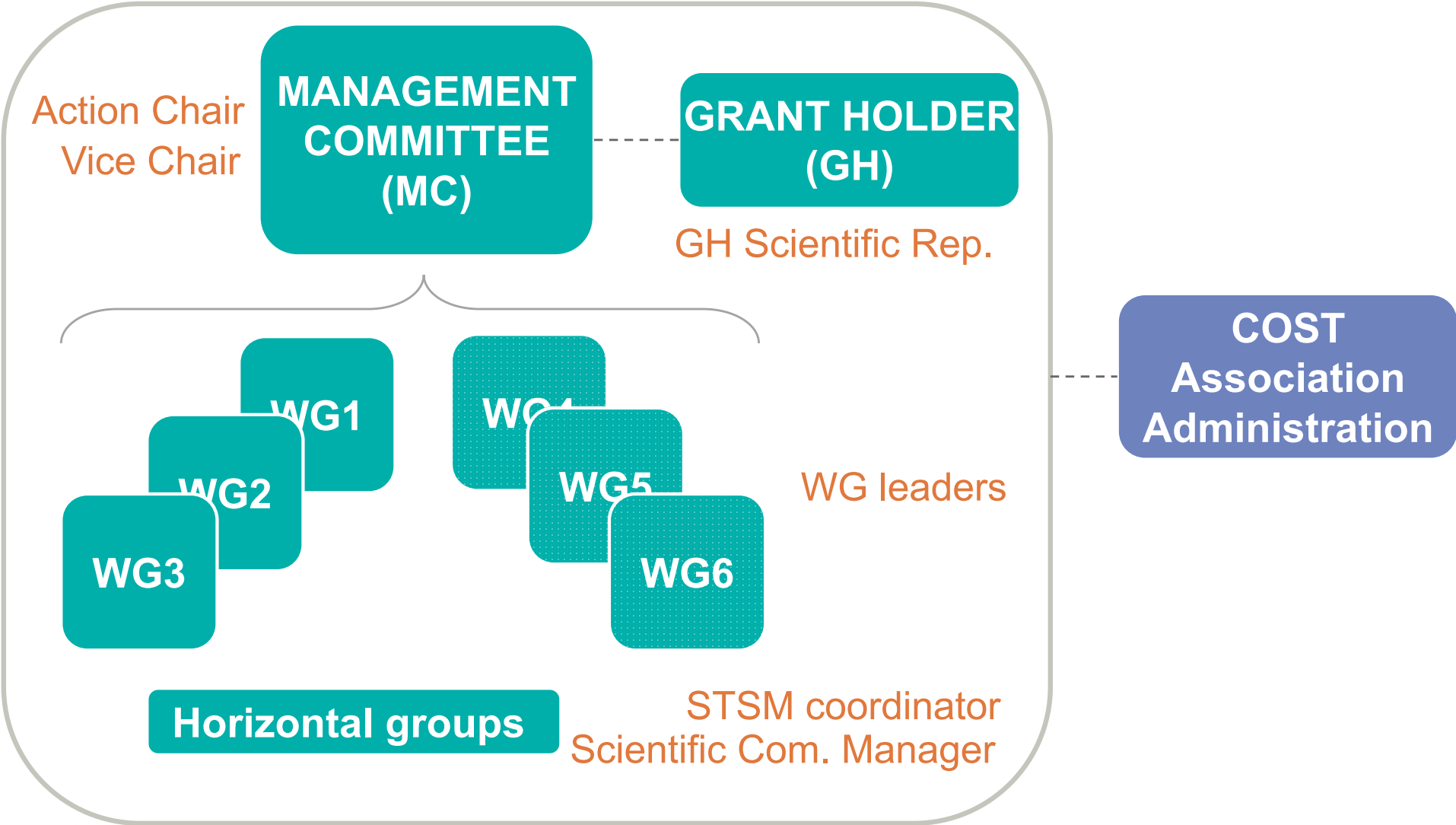
- COST Full & Cooperating Members
- Near Neighbour Countries



COST Action Structure



Leadership Positions



How to engage with COST?



1. As **participant** of a running COST Action
2. As **proposer** of a COST Action
3. As **expert** to evaluate submitted proposals



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Engage as participant of a running COST Action

How to find the relevant COST Action?

Home | COST Actions |

Full text search

 search in title only

Approval Year

 e.g. 2010

Action number

only Action Chairs
 from [Inclusiveness Target Countries](#)

Open Call Collection Date

 e.g.

Home | COST Actions | Chemistry and Molecular Sciences and Technologies (CMST) | CM1404 | Management Committee

All Actions

This section gives an overview of all COST Actions directly. Click on the Action number to view details.

Search tips:
 Type a single keyword in the search box.

To search for Actions that belong to a specific Domain under "Action Management Committee" (CM) for CMST, "ES" for ESF, "TU" for TUD).

[show all Actions on one page](#)

Search for COST Action

Full text search

search in title only

Action number

only Action Chairs
 from [Inclusiveness Target Countries](#)

Page 1 | 2 | 3 | 4 |

[show all Actions on one page](#)

- [CA16122 | Biomaterials for Smart Energy Conversion | 14 March 2021 - 14 March 2021](#)
- [CA16124 | Brillouin Light Scattering for Smart Energy Conversion | 28 February 2021 - 28 February 2021](#)
- [CA15209 | European Inclusive Innovation | 21 October 2020 - 21 October 2020](#)
- [CA15216 | European Inclusive Innovation | 21 October 2020 - 21 October 2020](#)
- [CA15103 | Uncovering the Potential of Smart Energy Conversion | 17 April 2020 - 17 April 2020](#)
- [CA15106 | C-H Activation in Smart Energy Conversion | 17 April 2020 - 17 April 2020](#)
- [CA15135 | Multi-targeted Smart Energy Conversion | 17 April 2020 - 17 April 2020](#)
- [CM1404 | Chemistry and Molecular Sciences and Technologies \(CMST\) | 15 March 2019 - 15 March 2019](#)
- [CM1405 | Molecules in Smart Energy Conversion | 15 March 2019 - 15 March 2019](#)
- [CM1407 | Challenging Smart Energy Conversion | 15 March 2019 - 15 March 2019](#)
- [CM1401 | Our Astro-Carbon | 15 March 2019 - 15 March 2019](#)

Home | COST Actions | Chemistry and Molecular Sciences and Technologies (CMST) | CM1404

CMST COST Action CM1404

Chemistry of Smart Technologies (CMST)

The primary aim of the project is to create a network of world leading academic and industrial partners in order to increase fuel flexibility and to support the development of a smart energy conversion approach to accomplish the transition to a sustainable academic/research organization. The project will improve the understanding of smart energy conversion together fundamental/advanced research and development. On the other hand, the intended exploitation of the project will support the development of a smart energy conversion approach to accomplish the transition to a sustainable academic/research organization. The project will improve the understanding of smart energy conversion together fundamental/advanced research and development. On the other hand, the intended exploitation of the project will support the development of a smart energy conversion approach to accomplish the transition to a sustainable academic/research organization.

(Descriptions are provided for all Actions)

CMST COST Action CM1404

Management Committee

MC Chair	▶ Dr Mara DE JOANNON (IT)
MC Vice Chair	▶ Dr George SKEVIS (EL)

Working Group Leaders

WG Leader	▶ Dr Frédérique BATTIN-LECLERC
WG Leader	▶ Prof Maria U. ALZUETA
WG Leader	▶ Dr Stefan VOSS
WG Leader	▶ Dr Edward S. BLUROCK
WG Leader	▶ Prof Alessandro PARENTE

■ Data registration in e-COST pending subject to online registration and nomination acceptance by nominee.

COST Participants

Country	MC Member
Austria	▶ Prof Franz WINTER
Austria	▶ Dr Peter PRIESCHING
Belgium	▶ Prof Kevin VAN GEEM
Belgium	▶ Prof Alessandro PARENTE
Bosnia and Herzegovina	▶ Prof Petar GVERO
Bulgaria	▶ Prof Iliyana NAYDENOVA

Websites*

Action website:
<http://www.smartcats.eu>

Chemistry and Molecular Sciences and Technologies COST Action CM1404

- ▶ Description
- ▶ Parties
- ▶ Management Committee

General Information*

Chair of the Action:
[Dr Mara DE JOANNON \(IT\)](#)

Vice Chair of the Action:
[Dr George SKEVIS \(EL\)](#)

Science officer of the Action:
[Dr Lucia FORZI](#)

Administrative officer of the Action:
[Ms Svetlana VOINOVA](#)

Downloads*

Action Fact Sheet
[Download AFS as .RTE](#)

Memorandum of Understanding
[Download MoU as PDF](#)

Join an Action

- As a Management Committee (MC) member
- As a Working Group (WG) participant
- As grantee of a Short Term Scientific Mission
- As grantee of a ITC Conference grant
- As trainer / trainee of a Training school
- As attendee of a Workshop/Conference
- ...

Advice

- Read the MoU and identify your interest / potential contribution
- Browse the Action's own website – check their activities



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Engage as proposer of a COST Action

COST Open Call

When?

**Collection every 9 months
Next: 20 April 2018 – 12:00 CET**

What?

**One stage online submission of proposals
eCOST account**

Who?

**Main proposer
(and secondary proposers)**

How many?

**25 – 40 Actions approved
per collection**

Online submission tool (e-COST)*

Overview

General Features

Technical Annex

References

COST Mission and Policies

Network

Documents

« My Proposals

Main Proposer Institution *

Title (Maximum 12 words) *

Acronym *
(max 60 characters)

Keyword 1 *
(max 60 characters)

Keyword 2 *
(max 60 characters)

Keyword 3 *
(max 60 characters)

Keyword 4
(max 60 characters)

Summary: Maximum 250 words

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

Research Area

Proposal Reference:
OC-2017-1-21892

Proposal Status:

Draft

Checklist:

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

Proposals



General features

- Technical Annex**
1. S&T excellence*
 2. Impact
 3. Implementation



COST Excellence and Inclusiveness Policy
Specific objectives



Network of proposers



Eligibility!

Anonymous*
Min ITC
Format
Peaceful purpose
English

Open Call for proposals – Technical Annex

SECTIONS	SUB-SECTIONS
S&T EXCELLENCE	<ul style="list-style-type: none">▪ Challenge▪ Specific Objectives▪ Progress beyond the State-of-the-art and Innovation Potential▪ Added value of networking
IMPACT	<ul style="list-style-type: none">▪ Expected Impact▪ Measures to Maximise Impact▪ Potential for innovation versus risk level
IMPLEMENTATION	<ul style="list-style-type: none">▪ Description of the Work Plan▪ Management Structures & Procedures▪ Network as a whole



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 - SESA

Evaluation criteria - step 1

S&T EXCELLENCE	IMPACT	IMPLEMENTATION
<ul style="list-style-type: none"> Soundness of the challenge 	<ul style="list-style-type: none"> Scientific, technological and/or socio-economic impact 	<ul style="list-style-type: none"> Coherence and effectiveness of the work plan
<ul style="list-style-type: none"> Progress beyond the state-of-the-art and innovation potential 	<ul style="list-style-type: none"> Measures to maximise impact 	<ul style="list-style-type: none"> Appropriateness of management structures and procedures
<ul style="list-style-type: none"> Added value of networking 	<ul style="list-style-type: none"> Level of risk and level of potential innovation/breakthroughs 	<ul style="list-style-type: none"> Network as a whole
Total Mark for the section: 25 points	Total Mark for the section: 20 points	Total Marks for the section: 20 points
<p>TOTAL MARK AWARDED: 65 points</p> <p>OVERALL THRESHOLD: 45 points</p>		

Open Call for proposals – key documents

e-COST

e-COST is a portal for COST Action participants' registration and financial reporting

▶ [Link to e-COST portal](#)

Source: cost.eu/opencall

■ Online submission

■ Guidelines

■ Proposal template

Key Documents

▶ [COST Open Call – Submission, Evaluation, Selection and Approval \(SESA\) Guidelines \(PDF, 236 kB\)](#)

▶ [Technical Annex \(DOCX, 176 kB\)](#)

Contact and engage with us

- Sign up to our news: www.cost.eu/subscribe
- Contact: opencall@cost.eu
- Join us on our social networks:



www.facebook.com/COST.Programme/



<https://www.linkedin.com/company-beta/1050548/>



[@COSTprogramme](https://twitter.com/COSTprogramme)



<https://www.youtube.com/user/COSTOffice>



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

