



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

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



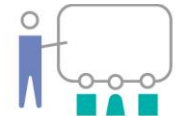
Management
Committee meeting



Working Group
meeting



Conferences



Training Schools



Dissemination



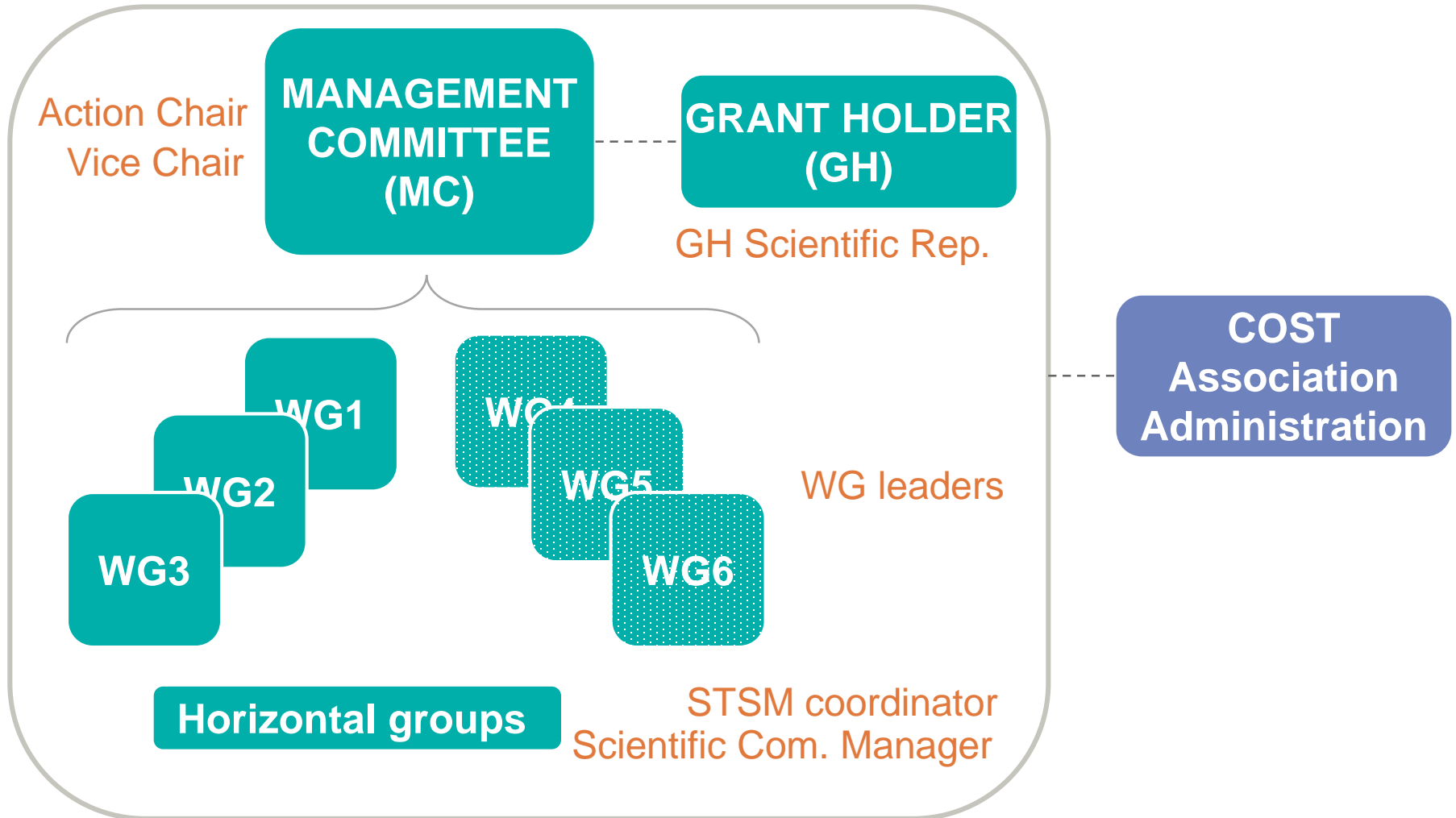
Scientific missions



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?

Full text search

chemistry

search in title only

Action number

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

Approval Year

YYYY

e.g. 2010

Open Call Collection Date

YY

e.g.

Sta

...

Home | COST Actions |

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 go to the Action page.

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

To search for Actions in a specific Domain under "Action Number" "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](#)

The search found 102 Actions

- ▶ CA16122 | Biomaterials 2017 - 14 March 2021
- ▶ CA16124 | Brillouin Light Scattering Applications | 28 February 2021
- ▶ CA15209 | European I... | 21 Oct 2019
- ▶ CA15216 | European I... | 21 Oct 2019
- ▶ CA15103 | Uncovering... | 21 Oct 2019
- ▶ CA15106 | C-H Activation... | 21 Oct 2019
- ▶ CA15135 | Multi-targeted... | 17 April 2016
- ▶ CM1404 | Chemistry and Molecular Sciences and Technologies (CMST) | 2019
- ▶ CM1405 | Molecules in... | 2019
- ▶ CM1407 | Challenging... | 16 March 2015
- ▶ CM1401 | Our Astro-C... | 2019

Page 1 | 2 | 3 | 4 |

[show all Actions on one page](#)

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

CMST COST Action CM1404 Chemistry of Smart Materials and Technologies (SMART)

The primary aim of the project is to create a network of world leading academic and industrial partners in order to increase fuel efficiency and to support the development of smart energy conversion and storage technologies. The approach to accomplish this is to bring together fundamental/advanced research and development to improve the understanding of smart energy conversion and storage technologies. On the other hand, the intended exploitation of the project will support the development of smart energy conversion and storage technologies. The macro-scale in advanced catalysis and interaction will lead to the development of a searchable integration of experimental data which will provide an efficient smart energy carrier components.

(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

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 .RTF](#)

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

Websites*

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

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: 29 November 2018 –
12:00 CET

What?

One stage online submission of proposals
eCOST account

Who?

Main proposer
(and secondary proposers)

How many?

40 – 45 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)

Generate PDF

Ready to submit?

Proposals



General features

Technical Annex

1. S&T excellence*
2. Networking Excellence
3. Impact
4. 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
1. S&T EXCELLENCE	1.1 soundness of the challenge 1.2 progress beyond the state-of-the-art
2. NETWORKING EXCELLENCE	2.1 added value of networking in s&t excellence 2.2 added value of networking in impact
3. IMPACT	3.1 impact to science, society and competitiveness, and potential for innovation/break-throughs 3.2 measures to maximise impact
4. IMPLEMENTATION	4.1 coherence and effectiveness of the work plan

Evaluation - SESA

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 - step 1

S&T EXCELLENCE	NETWORKING EXCELLENCE	IMPACT	IMPLEMENTATION
<ul style="list-style-type: none"> - Soundness of the Challenge - Progress beyond the state-of-the-art 	<ul style="list-style-type: none"> - Added value of networking in S&T Excellence - Added value of networking in Impact 	<ul style="list-style-type: none"> - Impact to science, society and competitiveness, and potential for innovation/ break-throughs - Measures to maximise impact 	<ul style="list-style-type: none"> - Coherence and effectiveness of the work plan
Total marks for the section: 15 points	Total marks for the section: 15 points	Total marks for the section: 15 points	Total marks for the section: 5 points
Total marks awarded: 0-50 points Overall threshold: 34 points			

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
- Official Announcement
- Guidelines
- Proposal template

Key Documents

▶ [Open Call 2018-2_Announcement \(PDF, 119 kB\)](#)

▶ [COST Open Call – Submission, Evaluation, Selection and Approval \(SESA\) Guidelines \(PDF, 353 kB\)](#)

▶ [Technical Annex \(DOCX, 186 kB\)](#)

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- 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.* ”