



# EUROCAROTEN

*European network to advance carotenoid research  
and applications in agro-food and health*

[www.eurocaroten.eu](http://www.eurocaroten.eu)

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## What is COST?



The most experienced and widest European intergovernmental framework for transnational Cooperation in Science and Technology.

Founded in 1971.



COST is supported by the  
EU Framework Programme  
Horizon 2020

From 19 countries to the current 36 COST countries (+1 cooperating state).

## What is COST?

*“COST enables break-through scientific developments leading to new concepts and products, and thereby contribute to strengthen Europe’s research and innovation capacities.”*

*CSO COST 4106/12 (2012)*

*Growing ideas through networks.*

### Geographical coverage

COST currently has 36 Member Countries and one Cooperating State, Israel. Near Neighbour Countries and International Partner Countries are welcome to participate.



“The first step for future joint European initiatives”

“COST is very often the only instrument that really helps network with colleagues in Europe”

“Gives international visibility to researchers chairing Actions”

“It’s all about the networking”

“I see COST as a research incubator”

“A team of scientists is more than just the sum of its parts”

“The biggest advantage of COST is diversity”

“A chance for smaller players and teams to engage with the stronger ones”

“A springboard for future projects in Horizon 2020”

## What are COST policies?

### COST Policies

**COST set up a number of policies that Actions need to consider in their implementation.**



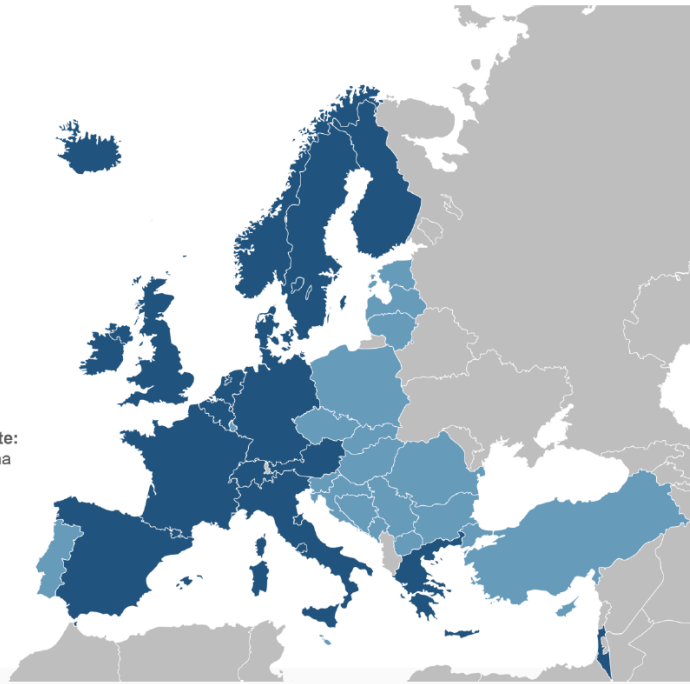
**“The trick to having good ideas is not to sit around in glorious isolation and try to think big thoughts. The trick is to get more parts on the table.”**

*Steven Johnson, Where Good Ideas Come From: The Natural History of Innovation*

# What are COST policies?

## COST Inclusiveness Target Countries

- **EU 13:**  
Bulgaria  
Croatia  
Cyprus  
Czech Republic  
Estonia  
Hungary  
Latvia  
Lithuania  
Malta  
Poland  
Romania  
Slovakia  
Slovenia
- **EU Candidates:**  
FYR Macedonia  
Montenegro  
Republic of Serbia  
Turkey
- **EU Potential Candidate:**  
Bosnia and Herzegovina
- **EU Countries targeted by EC:**  
Luxembourg  
Portugal

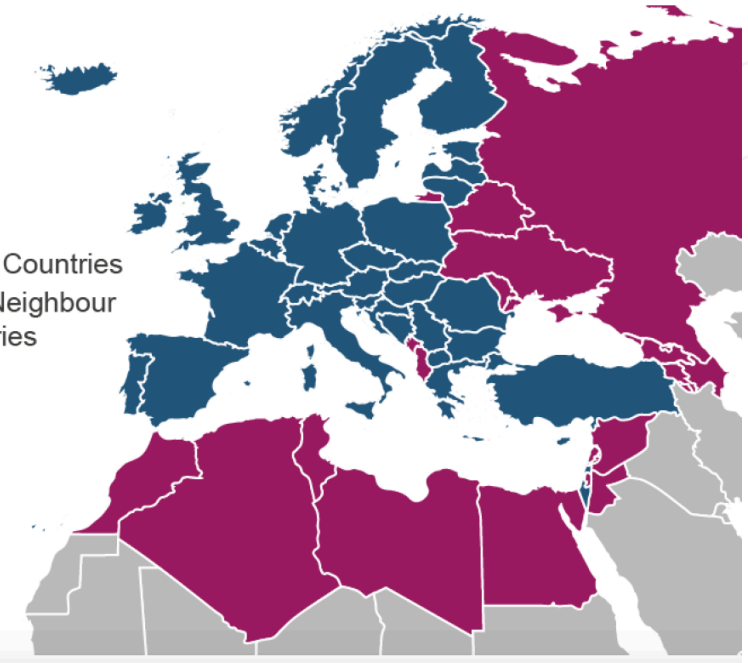


## COST Near Neighbour Countries

231 participations in running COST Actions accross 17 countries

- Albania (19)
- Algeria (6)
- Armenia (10)
- Azerbaijan (5)
- Belarus (5)
- Egypt (10)
- Georgia (4)
- Jordan (2)
- Lebanon (4)
- Moldova (5)
- Montenegro (15)
- Morocco (16)
- Palestinian Authority (4)
- Syrian Arab Republic (2)
- Russia (58)
- Tunisia (16)
- Ukraine (50)

- COST Countries
- Near Neighbour Countries



October 2014 data



## What is a COST action?

### What is a COST Action?

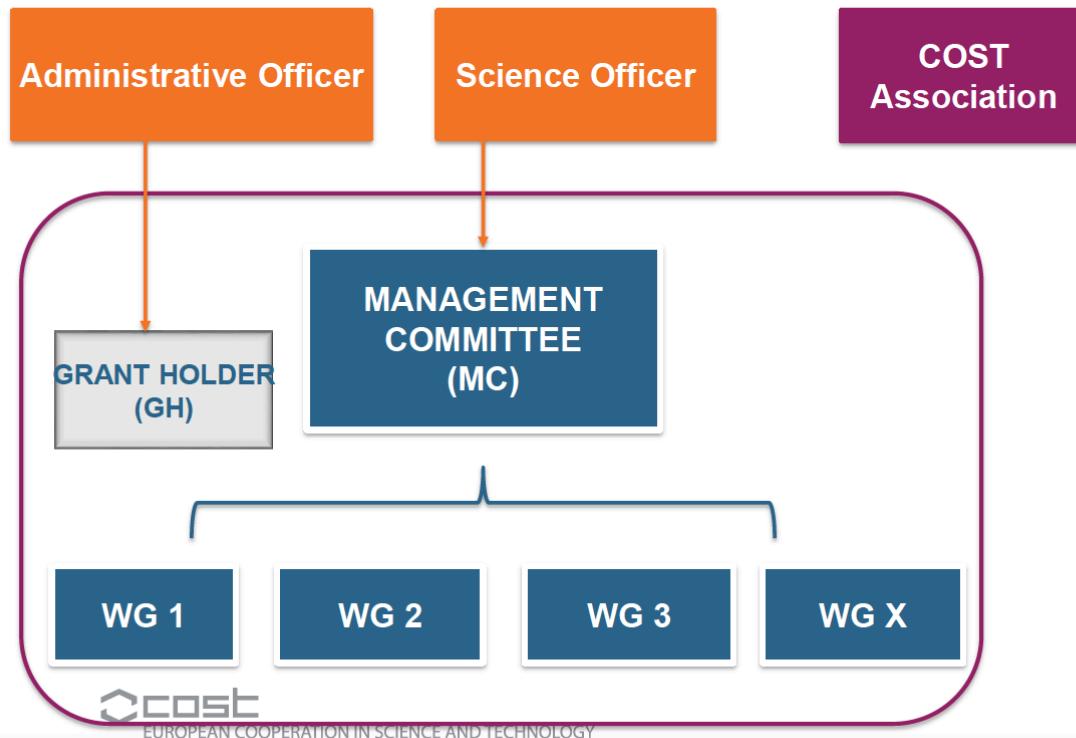
A **competitive** COST networking instrument that **supports researchers, engineers or scholars** from COST Member Countries and Cooperating State to **jointly implement** their own ideas and new initiatives in a field or topic of common interest.



technology  
future  
innovation  
inclusion  
inspiration  
science  
concepts

## How are COST actions organized?

### Action Structure



38

### Management Committee

#### DECISION MAKING BODY

Coordination, Implementation, and Management of an Action  
Supervising the appropriate allocation and use of funds  
Achieving the Action's MoU objectives

#### COMPOSED OF

Delegates nominated by their respective COST National  
Coordinator (CNC)

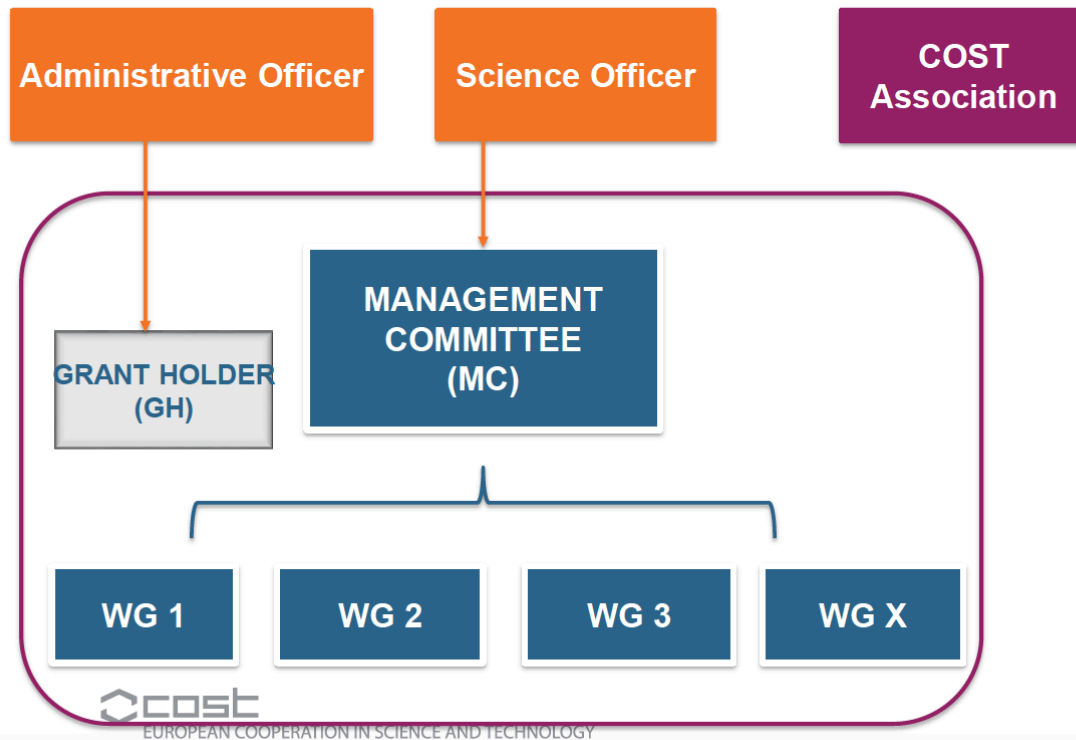
Up to 2 representatives per Participating COST Country

30



# How are COST actions organized?

## Action Structure



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## Working Groups

### PRODUCTION & EXCHANGE OF RESEARCH

Achieving the scientific objectives as defined in the MoU

We recommend for **WG Leaders** to be **MC Members**

### COMPOSED OF

Researchers from Participating COST Countries

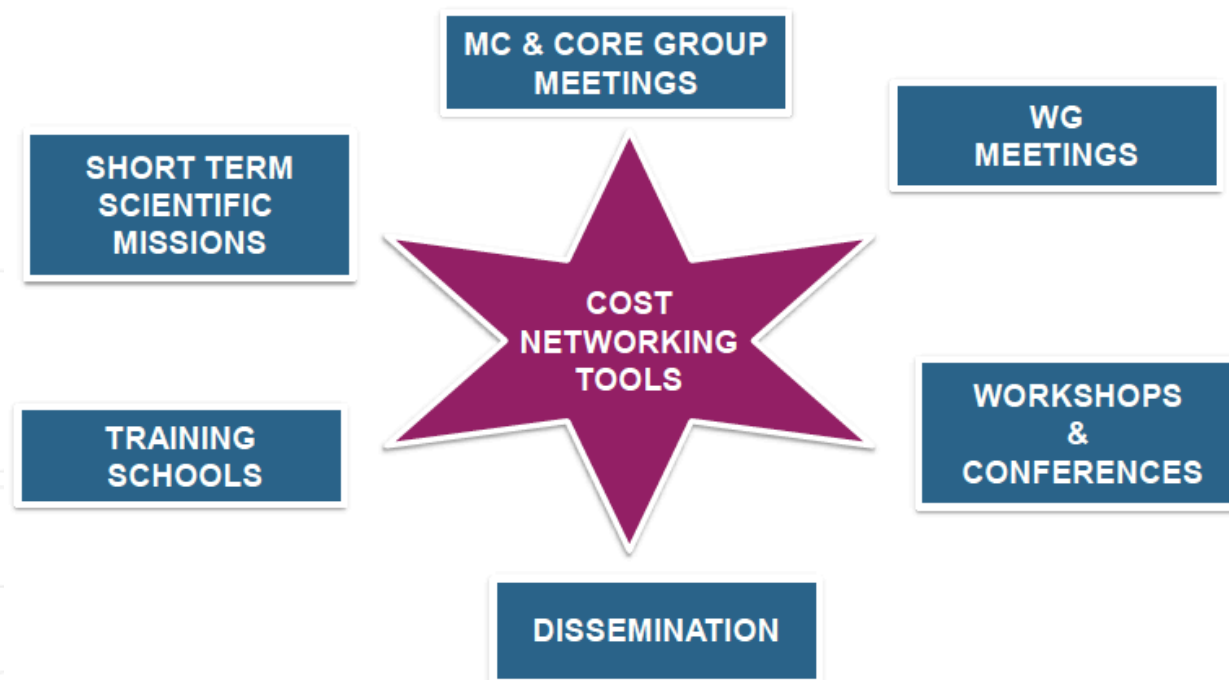
**MC members** (all MC members should become members of WGs)

MC Observers from approved NNC, IPC, Specific Organisations

34

## What do COST actions do?

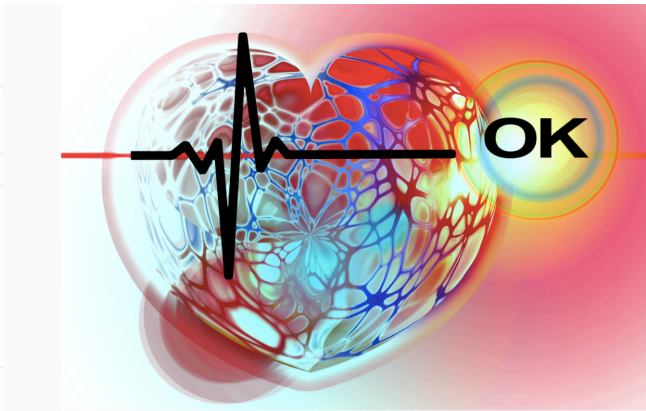
### COST Networking Tools



## Why a COST action on carotenoids?



- They are versatile compounds widespread in Nature, where they play many roles in different organisms.
- They contribute to the sensory, nutritional, technological and functional quality of foods.
- Their appropriate intake in the diet is associated to lower risks of developing serious diseases.
- Of the over 800 carotenoids described, less than 2% have been studied comprehensively.
- Research on them can lead to important socio-economic impacts at different levels.

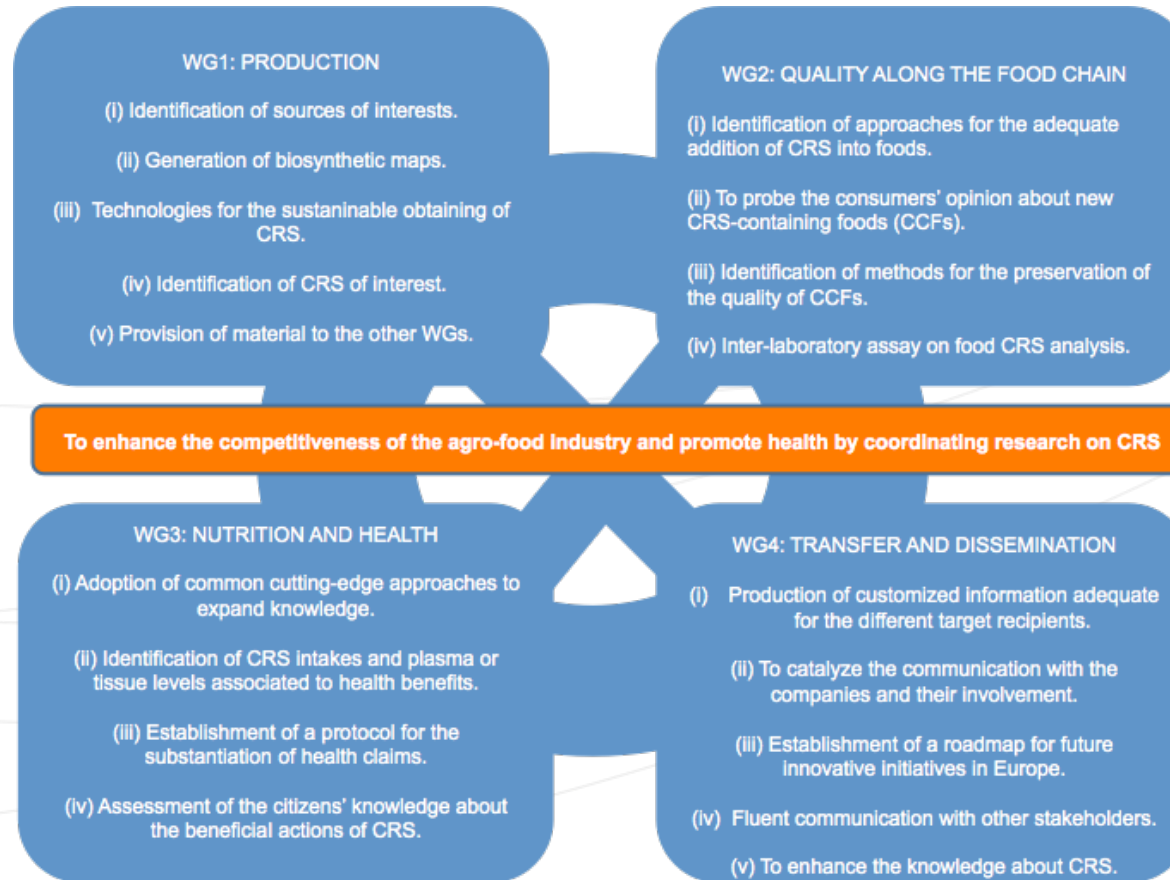


## Countries participating in EUROCAROTEN

### Participations

Country	Date	Status
▶ Austria	16/12/2015	Confirmed
▶ Belgium	21/12/2015	Confirmed
▶ Croatia	29/12/2015	Confirmed
▶ Cyprus	23/12/2015	Confirmed
▶ Czech Republic	17/12/2015	Confirmed
▶ Denmark	07/01/2016	Confirmed
▶ Finland	11/01/2016	Confirmed
▶ France	25/11/2015	Confirmed
▶ fYR Macedonia	23/02/2016	Confirmed
▶ Germany	24/11/2015	Confirmed
▶ Greece	24/11/2015	Confirmed
▶ Hungary	04/01/2016	Confirmed
▶ Iceland	09/05/2016	Confirmed
▶ Ireland	17/12/2015	Confirmed
▶ Israel	03/12/2015	Confirmed
▶ Italy	07/03/2016	Confirmed
▶ Latvia	02/02/2016	Confirmed
▶ Lithuania	22/03/2016	Confirmed
▶ Luxembourg	08/12/2015	Confirmed
▶ Netherlands	19/11/2015	Confirmed
▶ Norway	10/02/2016	Confirmed
▶ Poland	04/12/2015	Confirmed
▶ Portugal	14/01/2016	Confirmed
▶ Romania	25/01/2016	Confirmed
▶ Serbia	03/12/2015	Confirmed
▶ Slovakia	10/02/2016	Confirmed
▶ Slovenia	15/11/2015	Confirmed
▶ Spain	13/01/2016	Confirmed
▶ Sweden	08/02/2016	Confirmed
▶ Switzerland	22/01/2016	Confirmed
▶ United Kingdom	19/11/2015	Confirmed
<b>Total: 31</b>		

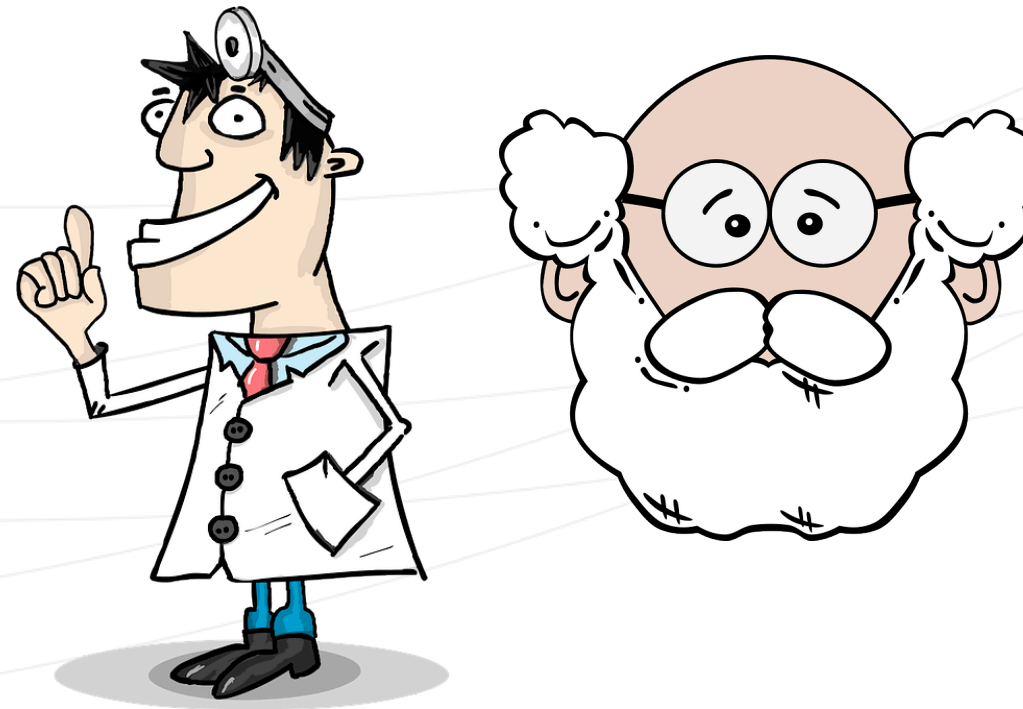
## EUROCAROTEN working groups



## EUROCAROTEN stakeholders



Credit: lyzadanger



- Scientist.
- Technologists.
- Industry.
- Policymakers.
- Regulatory agencies.
- Professionals.
- Citizens.

## What is EUROCAROTEN going to deliver?

- Harmonized protocols.
- Databases.
- Research through STSMs.
- Scientific papers: viewpoints, reviews, original research.
- Dissemination material in non-technical language for the different stakeholders.

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# EUROCAROTEN web and other social profiles

Follow us:

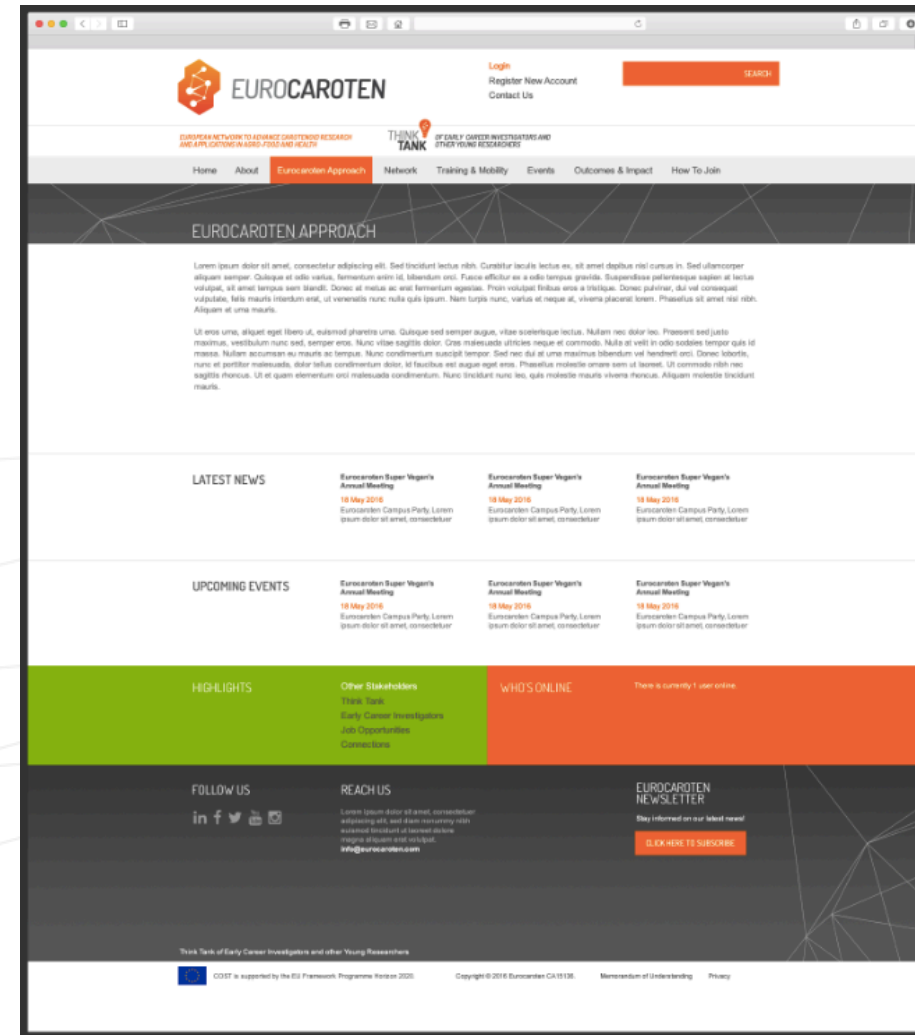
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# References

<http://www.cost.eu/> and documents herein



The screenshot shows the COST website homepage. At the top, there is the COST logo and navigation links: Home, Sitemap, Restricted Area, FAQ, Glossary, Links, Contact, and Jobs. A search bar is also present. Below the logo, a horizontal menu includes: About COST, COST Actions, Participate, Events, Media, Petition, and e-COST. The main content area is titled 'About COST' and contains the following text:

**About COST**

COST is the longest-running European framework supporting trans-national cooperation among researchers, engineers and scholars across Europe.

It is a unique means for them to jointly develop their own ideas and new initiatives across all fields in science and technology, including social sciences and humanities, through pan-European networking of nationally funded research activities. Based on a European intergovernmental framework for cooperation in science and technology, COST has been contributing - since its creation in 1971 - to closing the gap between science, policy makers and society throughout Europe and beyond. As a precursor of advanced multidisciplinary research, COST plays a very important role in building a [European Research Area \(ERA\)](#).

It anticipates and complements the activities of the EU Framework Programmes, constituting a "bridge" towards the scientific communities of COST Inclusiveness Target Countries. It also increases the mobility of researchers across Europe and fosters the establishment of scientific excellence.

The former science organisation which was structured into nine science and technology domains has been replaced by a new organisation aiming at guaranteeing a fully open and bottom-up approach through the establishment of a single Scientific Committee. This also includes a renewed evaluation and selection procedure aiming at identifying breakthrough ideas and favouring interdisciplinary and multidisciplinary projects.

On the right side, there are sections for 'Key Documents' (listing various reports and brochures) and 'Related Links' (listing external resources like ISSU, FET, and ERA).

At the bottom, there are social media icons, a 'Last updated: 12 March 2015' notice, and a footer with the EU logo and text: 'COST is supported by the EU Framework Programme Horizon 2020'. Additional links for 'Legal Notice', 'Accessibility', and 'Sitemap' are also present.



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**EUROCAROTEN CA15136**