European Cooperation in Science & Technology

MISSION

COST provides networking opportunities for researchers and innovators in order to strengthen Europe's capacity to address scientific, technological and societal challenges

VISION

Europe's most empowering research programme

STRATEGIC PRIORITIES

Promoting and spreading excellence

Fostering interdisciplinary research for breakthrough science
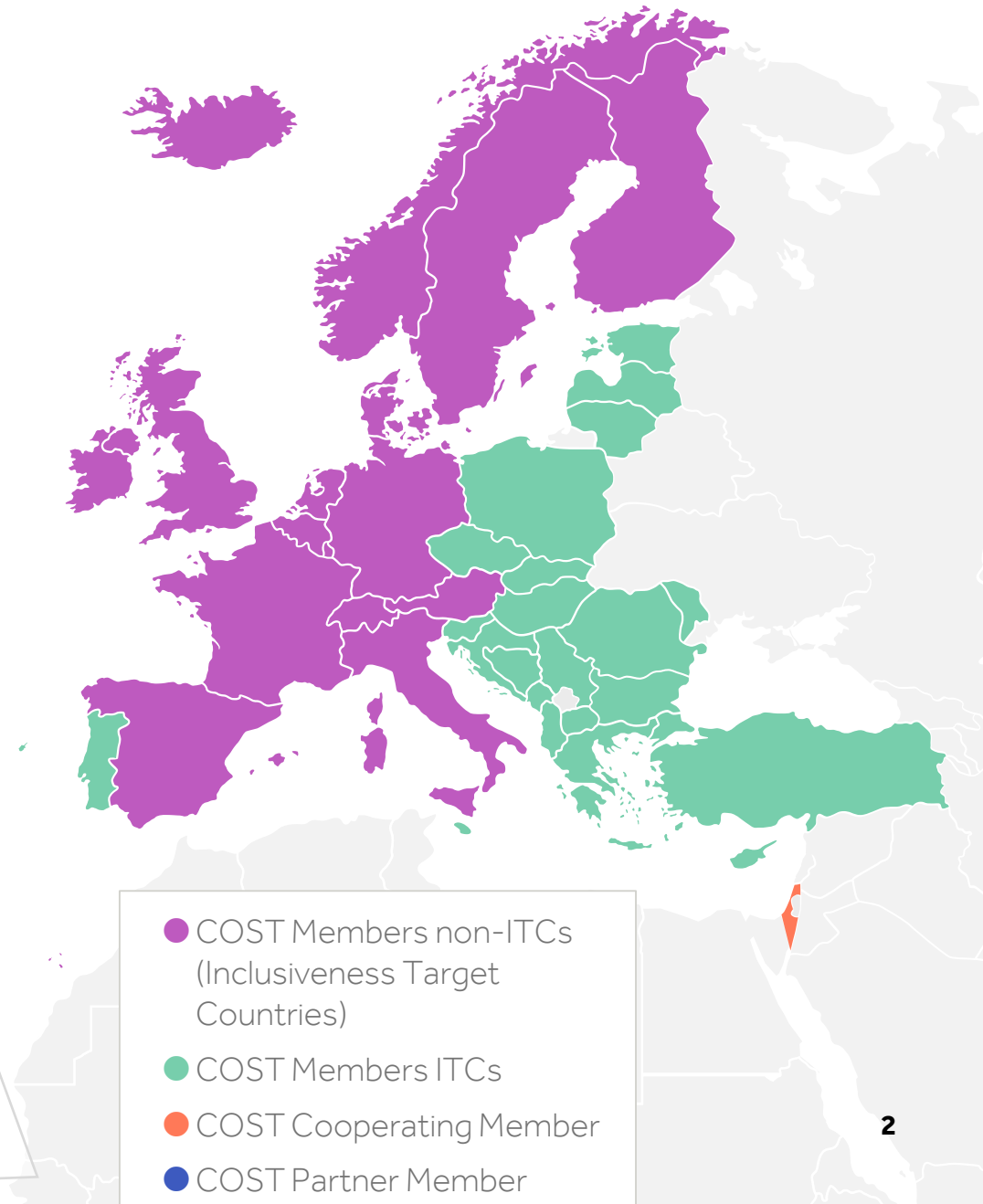
Empowering and retaining young researchers

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COST membership

38 Members

- Albania
- Austria
- Belgium
- Bosnia and Herzegovina
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- 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
- United Kingdom

1 Cooperating Member

- Israel

1 Partner Member
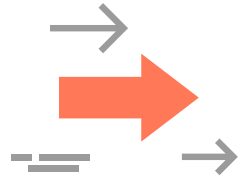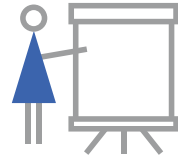
- South Africa

- COST Members non-ITCs (Inclusiveness Target Countries)
- COST Members ITCs
- COST Cooperating Member
- COST Partner Member

COST
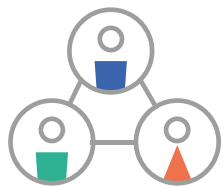EUROPEAN COOPERATION
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2

Key figures

292
Running Actions

203
Training schools

€134,500
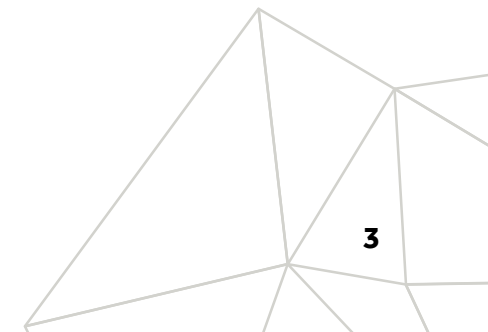Average annual budget
of a COST Action

2,320
Short-term
scientific missions

45,000
Researchers involved
in COST Actions
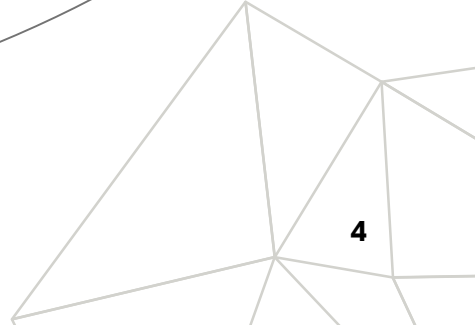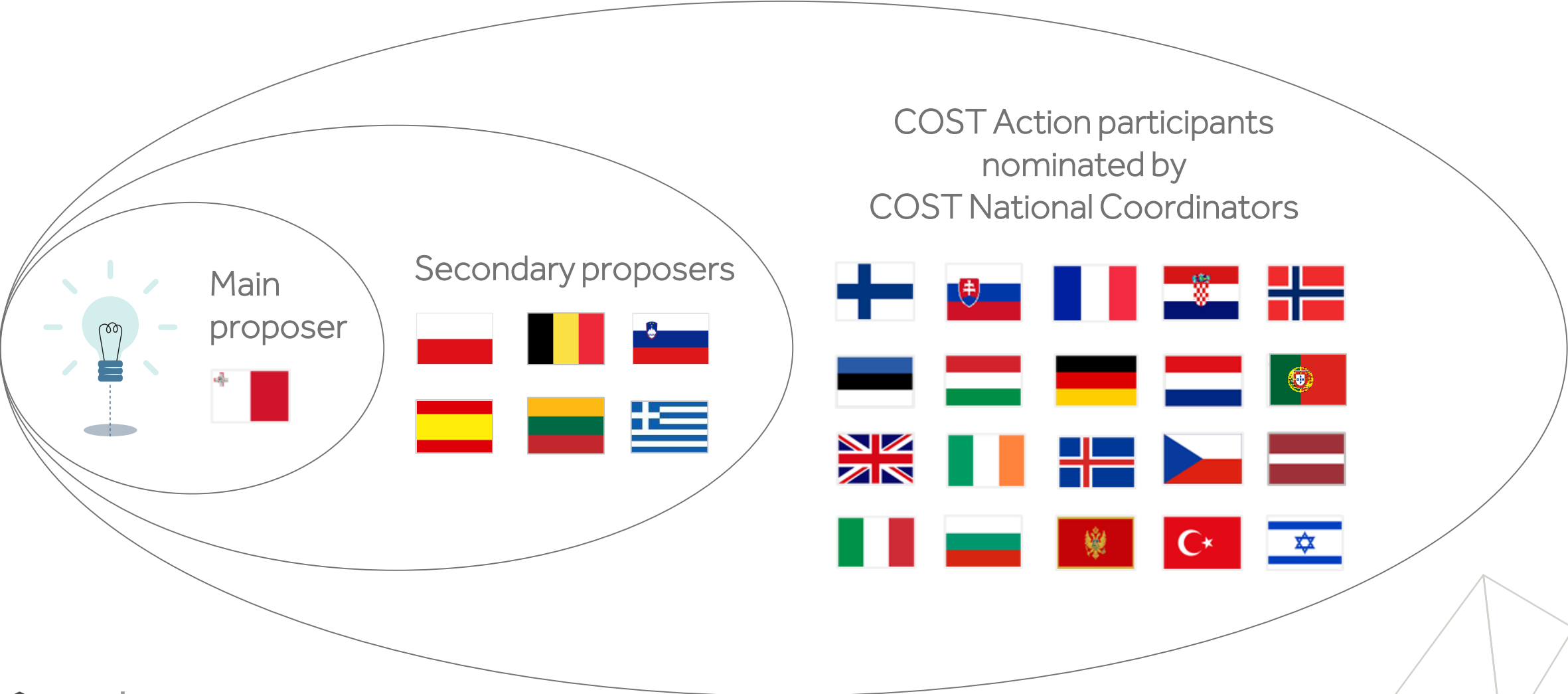
€153 million
COST budget
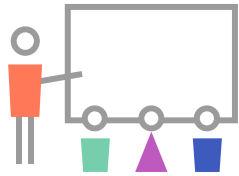(in Horizon Europe for a
3-year period)

cost
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How it works?

Main proposer

Secondary proposers

COST Action participants nominated by COST National Coordinators

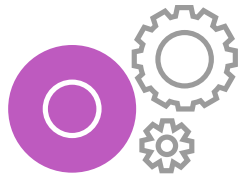# Dedicated measures for active ITC participation

COST **Info Days**

- Targeted to ITC
- Combined with high-level meeting ITC government, including CNC

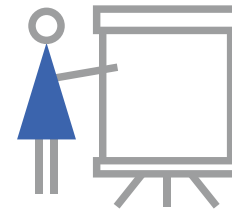## **Proposals**

- Eligibility
- External experts
- Inclusiveness policy

COST **Actions**

- COST Action leadership
- Conference grant for PhD students and young researchers
- Pre-payment for STSM
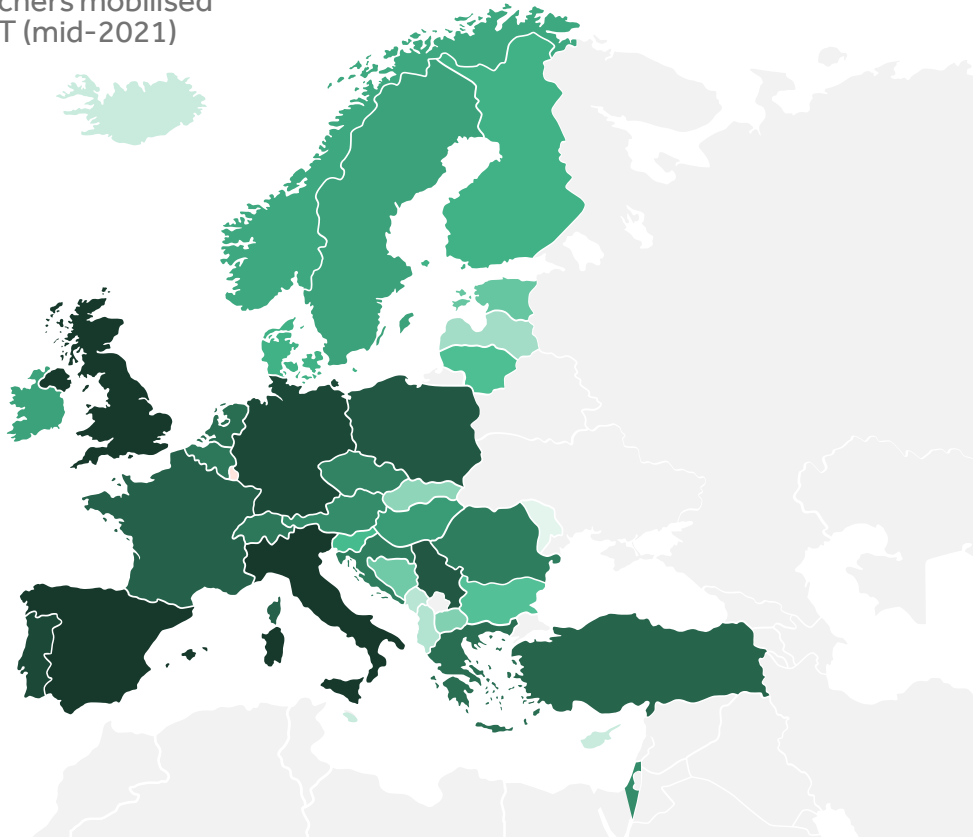
COST **Academy**

- Leadership workshop
- Finance/admin workshop
- Science communication training
- Mentoring grant holder
- Mentoring chair
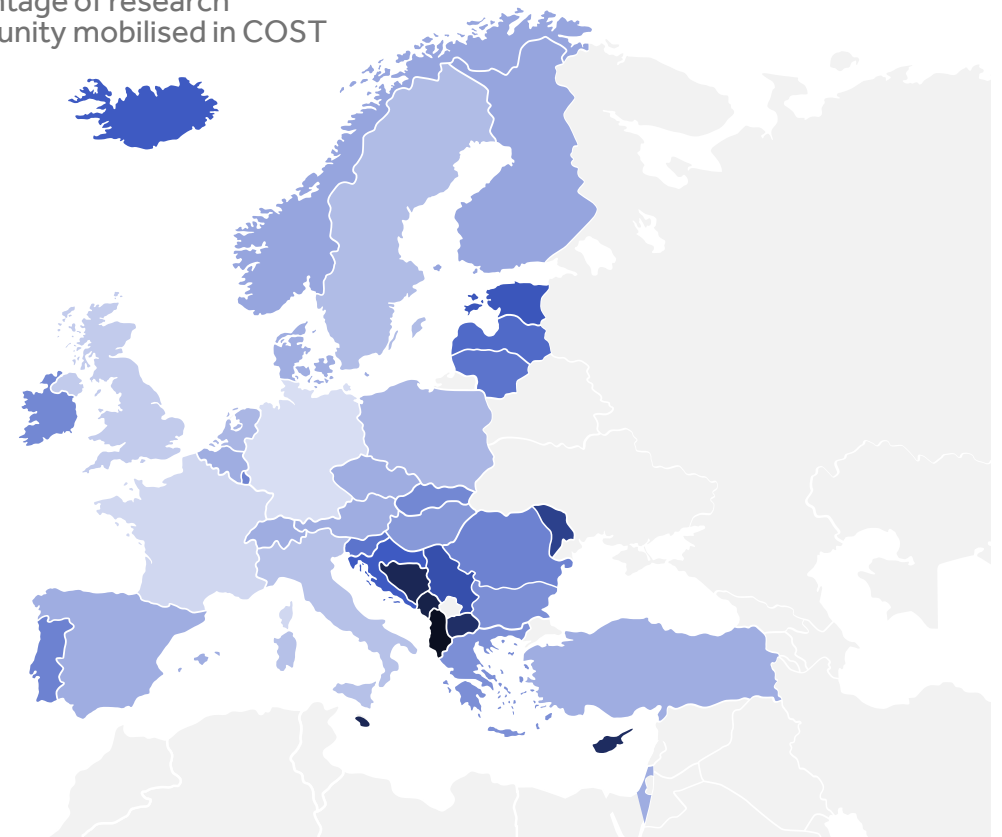
cost
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Priority 1
PROMOTING AND SPREADING EXCELLENCE

Researchers mobilised
in COST (mid-2021)

Percentage of research
community mobilised in COST

COST
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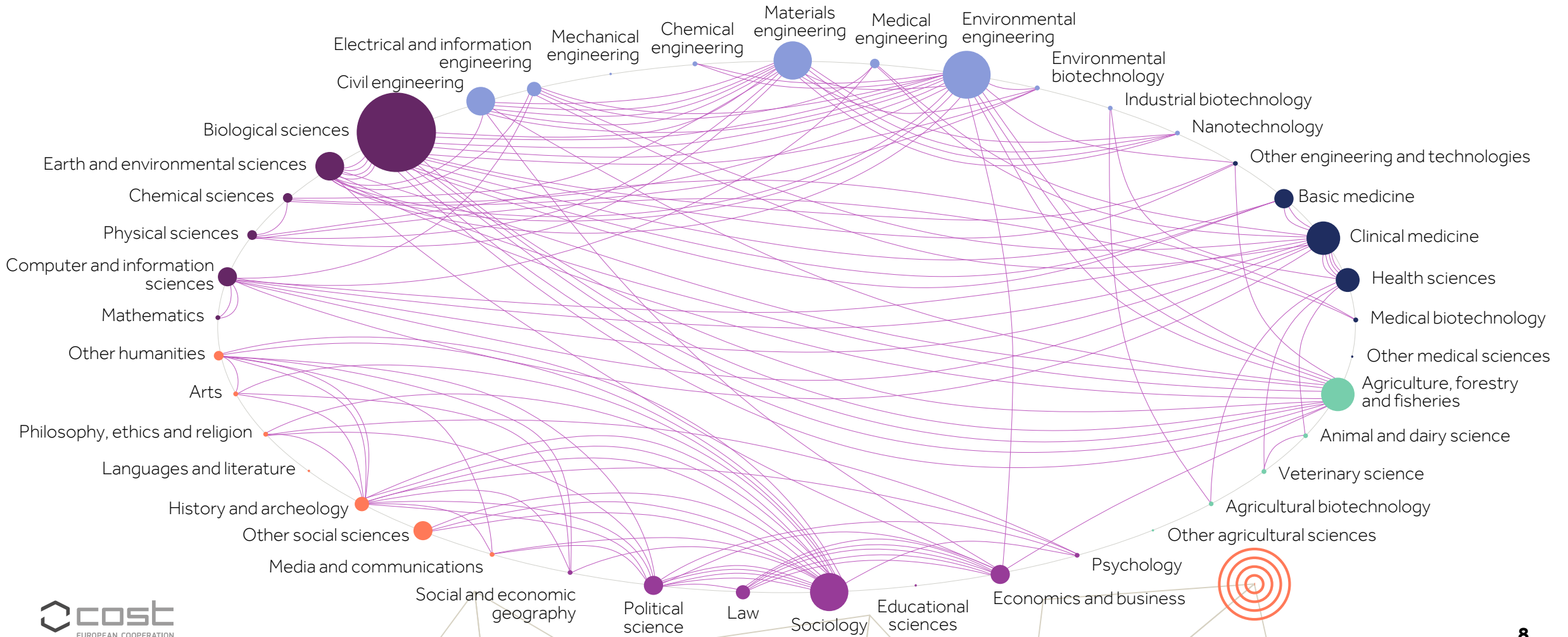IN SCIENCE & TECHNOLOGY

Priority 1
PROMOTING AND SPREADING EXCELLENCE
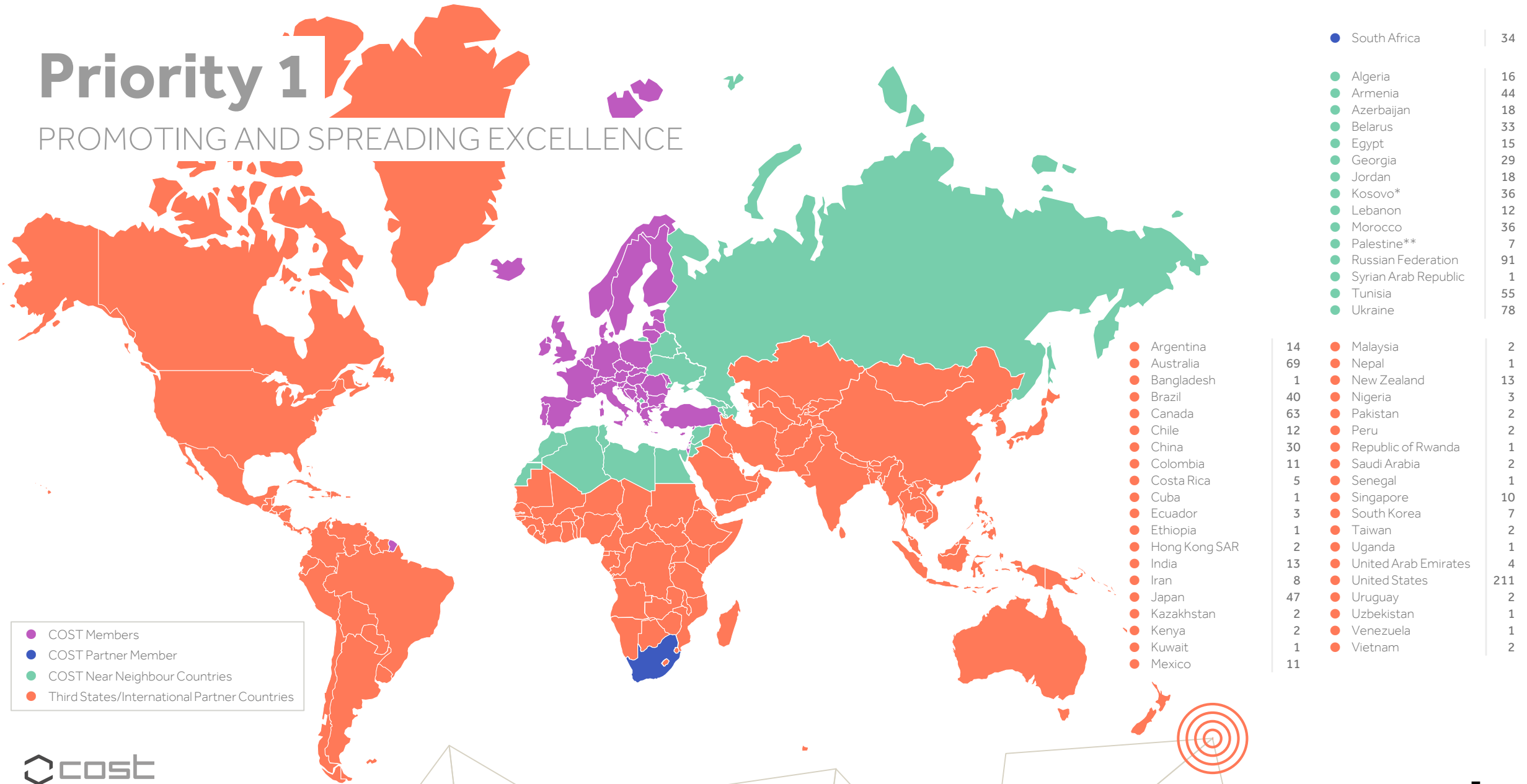
Legend:
- COST Members
- COST Partner Member
- COST Near Neighbour Countries
- Third States/International Partner Countries

South Africa	34

Algeria	16
Armenia	44
Azerbaijan	18
Belarus	33
Egypt	15
Georgia	29
Jordan	18
Kosovo*	36
Lebanon	12
Morocco	36
Palestine**	7
Russian Federation	91
Syrian Arab Republic	1
Tunisia	55
Ukraine	78

Argentina	14	Malaysia	2
Australia	69	Nepal	1
Bangladesh	1	New Zealand	13
Brazil	40	Nigeria	3
Canada	63	Pakistan	2
Chile	12	Peru	2
China	30	Republic of Rwanda	1
Colombia	11	Saudi Arabia	2
Costa Rica	5	Senegal	1
Cuba	1	Singapore	10
Ecuador	3	South Korea	7
Ethiopia	1	Taiwan	2
Hong Kong SAR	2	Uganda	1
India	13	United Arab Emirates	4
Iran	8	United States	211
Japan	47	Uruguay	2
Kazakhstan	2	Uzbekistan	1
Kenya	2	Venezuela	1
Kuwait	1	Vietnam	2
Mexico	11		

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7

Priority 2
FOSTERING INTERDISCIPLINARY RESEARCH FOR BREAKTHROUGH SCIENCE

Priority 3 EMPOWERING AND RETAINING YOUNG RESEARCHERS

Researchers' career development and complementary funding schemes

ERC Advanced Grant

ERC Consolidator Grant

ERC Starting Grant

MSCA

Erasmus+

Full professor

Assistant professor/ Full professor

Assistant professor/ Associate professor

Post-docs

Post-graduates

Students

BOTTOM-UP NETWORKING SCHEMES

cost
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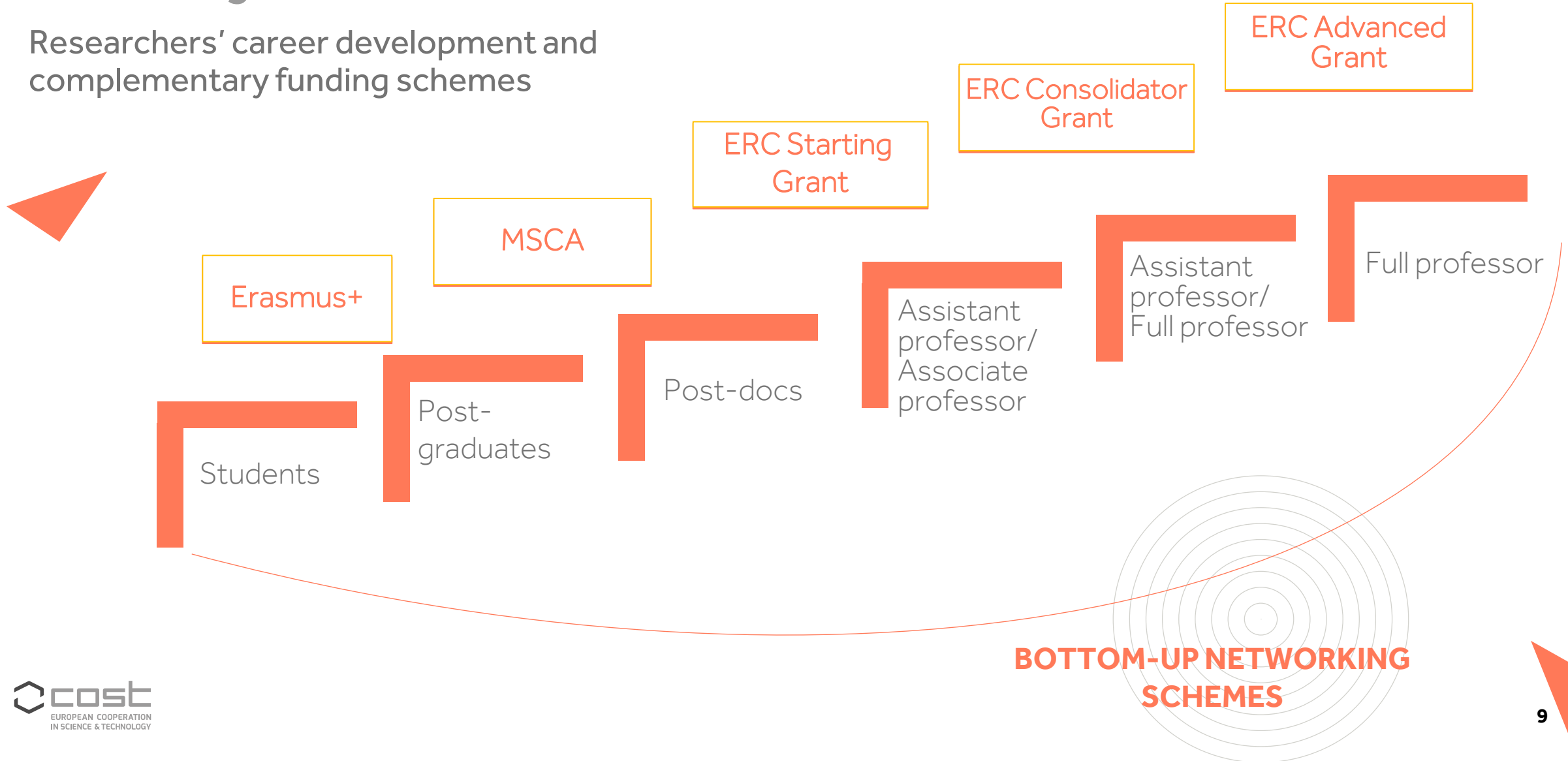
Implementing COST's strategic priorities

COST Innovators Grant

COST Academy

COST science-informed policy advice

COST ACTIONS

Meetings, workshops conferences, and conference grants

Training schools

Short-term scientific missions

Dissemination activities

Virtual networking grants

COST Connect

COST global networking

cost
EUROPEAN COOPERATION
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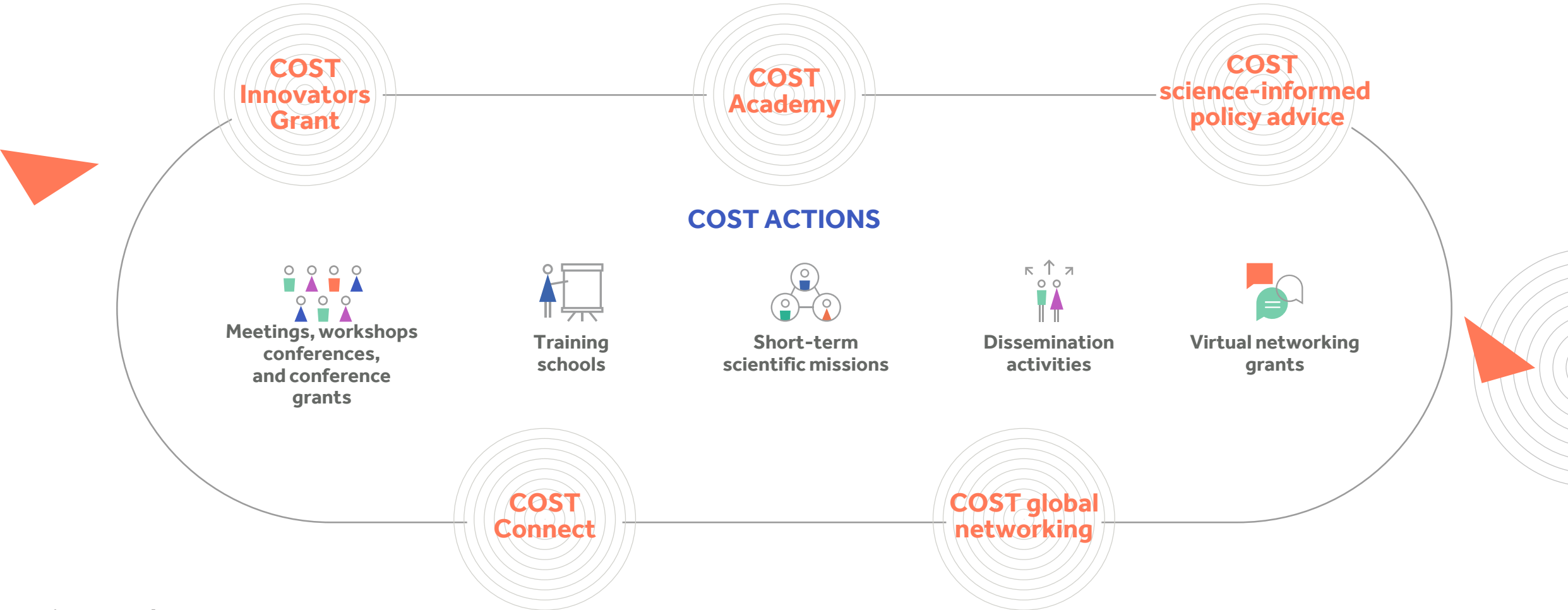
Examples of COST Success Stories

- COST Action MP1304

- Running from 16/05/2013 - 24/11/2017

- NewCompStar - Exploring fundamental physics with compact stars

- On 10 April 2019, the world discovered the first-ever picture of a black hole in stunning detail

"Neutron stars like to become black holes," says Action Chair Prof. Luciano Rezzolla of Goethe University Frankfurt, Germany, who also played a prominent role in the collaboration that had presented the first-ever image of a black hole. "The two have a lot in common, and so the expertise that was developed and nurtured in NewCompStar also provided fertile ground for this imaging work."

Career Advancement

"I truly believe that my experience as a COST Action Chair helped me with achieving my permanent position in Portugal".

Dr Raquel Conceição, University of Lisbon,

88% of researchers participating in COST Actions indicate that participation has led to career advancement. Moreover, 95% of researchers participating in COST Actions would recommend their colleagues to join a COST Action

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The value of networking

Participation in COST Actions

Follow-up proposals have a success rate of more than **37%**

COST programme

60 Actions end every year (on average)

€5.8 million spin-off funding per Action (on average)

€2.6 billion across Horizon 2020

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