COST – Promoting and spreading excellence

16 November 2022, Prague
European Cooperation in Science & Technology

- Running Actions
  - +30
  - Researchers per Actions: 250
- Countries per Action: 30
- Researchers involved in COST Actions: 45,000

Horizon Europe = Widening participation and strengthening the European Research Area pillar
Role of COST in the ERA

1. Promoting and spreading excellence
2. Fostering interdisciplinary research for breakthrough science
3. Empowering and retaining young researchers

3 STRATEGIC PRIORITIES
For many of these 300 COST networks, data sharing lies at the heart of their activities

- Leukaemia gene discovery by data sharing, mining and collaboration
- Performance and reliability of photovoltaic systems: evaluations of large-scale monitoring data
- Mobilising Data, Policies and Experts in Scientific Collections

Over more than 50 years, COST Actions have shown innovative ways in how to collect, manage, use and visualize data
COST Rules include a clear commitment by COST to promote Open Access to research outputs resulting from COST Actions.

Since September 2022 COST Actions have the opportunity to submit their scientific publications directly to Open Research Europe (ORE), the European Commission’s Open Access publishing platform for research.
Example of COST Success Stories on data related activities

- 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.”
How to engage with COST?

1. As a participant of a running Action

2. As a proposer of a new COST Action

3. As expert to evaluate submitted proposals
THANK YOU!

Contact and engage with us!