COST - Promoting and Spreading Excellence

Dr Dominique Vandekerchove, Science Officer
CA15129 DiMoPEx, Porto, February 27th, 2020
COST key figures of 2018

- Running Actions: 291 → 213
- Training schools
- Average annual budget of a COST Action: €134,500
- Short-term scientific missions: 2,457
- Researchers involved in COST Actions: 45,000
- COST budget (from Horizon 2020 for a 7 year period): €300 million

COST: The networking tool in the ERA and the pre-portal to other ERA funding schemes
Role of COST in the ERA - 3 Strategic Priorities

1. Promoting and spreading excellence

2. Fostering interdisciplinary research for breakthrough science

3. Boosting careers young researchers
Priority 1. Promoting and spreading excellence
COST – 45+ years proven track record in research collaboration

• 38 COST 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, and United Kingdom

• 1 Cooperating Member
  Israel

• Near Neighbour Countries participation
  Algeria, Armenia, Azerbaijan, Belarus, Egypt, Georgia, Jordan, Kosovo*, Lebanon, Libya, Morocco, the Palestinian Authority, Russia, Syria, Tunisia and Ukraine

*This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence.
Dedicated measures for inclusiveness (geography, gender, age)

<table>
<thead>
<tr>
<th>COST Info Days</th>
<th>Proposals</th>
<th>COST Actions</th>
<th>COST Academy</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Targeted to ITC</td>
<td>• Eligibility</td>
<td>• COST Action Leadership</td>
<td>• Leadership workshop</td>
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<td>• combined with high-level meeting ITC government, including NCP</td>
<td>• External experts</td>
<td>• Conference grant for PhD students and young researchers</td>
<td>• Finance/Admin workshop</td>
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<td></td>
<td>• Inclusiveness policy</td>
<td>• Pre-payment for STSM</td>
<td>• Science Communication training</td>
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<td>• Mentoring GH</td>
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<td>• Mentoring Chair</td>
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COST Acting as a pre-portal for FP funding

<table>
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<tr>
<th>Horizon 2020 applications reported by finished COST Actions</th>
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<tr>
<td>Total Actions with finished Final Action Report</td>
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<tr>
<td>114</td>
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</table>
Priority 2. Fostering interdisciplinary research for breakthrough science
Priority 3. Boosting careers of young researchers

Researchers’ career development and complementary funding schemes

- Erasmus+
- MSCA
- Post-Docs
- Assistant Professor / Associate Professor
- ERC Starting Grant
- ERC Consolidator Grant
- Full Professor

Bottom-up networking schemes
Participations in networking activities by Early Career Investigators 2012-2018

- 2012: 31%
- 2013: 50%
- 2014: 45%
- 2015: 45%
- 2016: 36%
- 2017: 37%
- 2018: 44%
Description

Studying adverse health outcomes related to the environmental exposures (in the living and working environment) is a major societal challenge today. According to estimates made by the WHO, worldwide about 55 million people died in 2011 from non-communicable diseases (NCDs), including cancer, diabetes, chronic cardiovascular, neurological and lung
Inclusiveness

- geography
- gender
- age
16. Participations by Gender

- Women: 53%
- Men: 47%
- Not declared: 0%
22. Participation in all Networking Tools by Birth Year

- After 1994: 0%
- Unknown: 0%
- Before 1950: 5%
- 1950-1954: 16%
- 1955-1959: 3%
- 1960-1964: 8%
- 1965-1969: 9%
- 1970-1974: 16%
- 1975-1979: 13%
- 1980-1984: 14%
- 1985-1989: 11%
Description

Studying adverse health outcomes related to the environmental exposures (in the living and working environment) is a major societal challenge today. According to estimates made by the WHO, worldwide about 55 million people died in 2011 from non-communicable diseases (NCDs), including cancer, diabetes, chronic cardiovascular, neurological and lung...
Browse Actions

Home > Browse Actions

Search for: pesticide

Search in Title Only  More Filters

Actions Limit: 10  Sort By: Start Date

CA18221  06/11/2019 - 05/11/2023
PEsticide Risk AssessMent for Amphibians and Reptiles

66  06/10/1993 - 06/10/1998
Pesticides - Soil - Environment

CA17111  10/09/2018 - 09/09/2022
Data integration to maximise the power of omics for grapevine improvement

CA16227  21/09/2017 - 20/09/2021
Investigation and Mathematical Analysis of Avant-garde Disease Control via Mosquito Nano-Tech-Repellents
Amphibians and reptiles have been until recently the only two vertebrate classes not directly considered in the environmental risk assessment (ERA) of pesticides. The risks posed by these products on amphibians and reptiles have been assumed to be covered by assessments conducted on other vertebrates. The European Union published in 2013 the two first regulations incorporating specifically amphibians and reptiles into pesticide ERA. Following this legal requirement, the competent EU agency, the European Food Safety Authority, published in February 2018 a scientific opinion reviewing the state of the science relative to pesticide ERA for amphibians and reptiles. The scientific opinion constitutes the basis for the future development of a guidance document that will detail the procedures to be followed for possible pesticide authorization. The scientific opinion highlighted the scarcity of knowledge and identified those aspects that should be addressed before the elaboration of the guidance document to guarantee a protective ERA for amphibians and reptiles while keeping vertebrate testing to a minimum. The Action PERIAMAR will establish a multidisciplinary network of scientists from research institutions, regulatory agencies, chemical industry, environment-focused NGOs, and research private business that will analyse the available information and design an ERA protocol for possible implementation in the future guidance document. In addition, networking, training and dissemination activities will contribute to create a critical mass capable to address those knowledge gaps requiring further research on the long term, in order to maintain an ERA scheme safe enough to protect amphibians and reptiles from pesticide impacts.

Main Contacts

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Action Documents

- Action fact sheet
- Memorandum of Understanding
## Action Leadership Positions

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
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<tbody>
<tr>
<td>Action Chair</td>
<td>Dr. Manuel Eloy ORTIZ SANTALIESTRA</td>
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<tr>
<td>Action Vice Chair</td>
<td>Dr. Isabel LOPES</td>
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<tr>
<td>WG 1 - Organism-level assessment: toxicity and exposure characterisation</td>
<td>Dr. Cecilia BERG</td>
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<tr>
<td>WG 2 - Ecosystem-level assessment</td>
<td>Dr. Miguel A. CARRETERO</td>
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<tr>
<td>WG 3 - Reduction and replacement</td>
<td>Dr. Annette ALDRICH</td>
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<tr>
<td>Country</td>
<td>MC Member</td>
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<tr>
<td>Albania</td>
<td>Dr Ledia VASJARI</td>
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<tr>
<td>Albania</td>
<td>Prof Valbona ALIKO</td>
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<tr>
<td>Austria</td>
<td>Dr Johann ZALLER</td>
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<td>Belgium</td>
<td>Prof An MARTEL</td>
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<td>Prof Mathieu DENOEL</td>
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<td>Bosnia and Herzegovina</td>
<td>Mr Stefan BOJIĆ</td>
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<td>Prof Sanel RIDJANOVIC</td>
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<td>Dr Savvas ZOTOS</td>
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<td>Prof Ioannis VOGIATZAKIS</td>
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<tr>
<td>Czech Republic</td>
<td>Ms Hana KUBÀTOVÁ-HIRŠOVÁ</td>
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</tbody>
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How do COST Actions work?

COST Action participants
nominated by COST National Coordinators

Main proposer
- Portugal
- Belgium
- Russia

Secondary proposers
- France
- Poland
- Ireland
- Italy
- Greece

- Spain
- Lithuania
- Greece

- Israel
- Hungary
- Romania
- Turkey
Thank you!

Contact and engage with us!

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