Bulgaria

Statistical data refers to 2019

REPRESENTING INSTITUTIONS

> Ministry of Education and Science

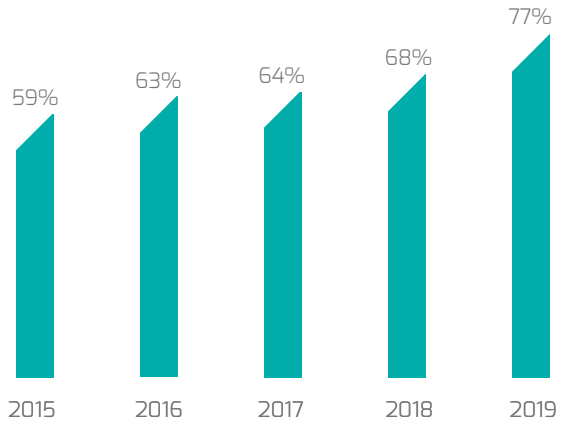
cost
EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY

RUNNING ACTIONS LED BY RESEARCHERS IN BULGARIA

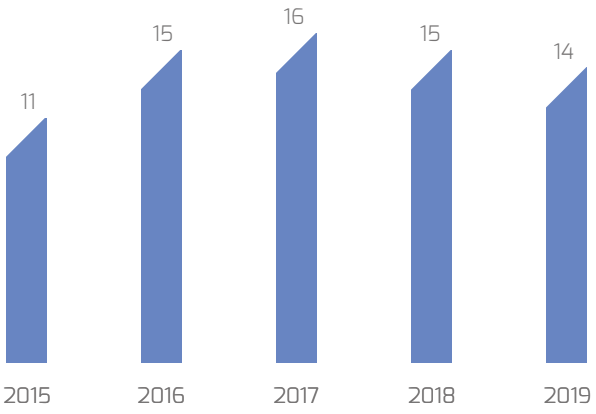
Examples of Actions with leadership positions

- Taste and Odor in early diagnosis of source and drinking Water Problems
- Drylands facing change: interdisciplinary research on climate change, food insecurity, political instability
- New diagnostic and therapeutic tools against multidrug resistant tumors
- Knowledge conversion for enhancing management of european riparian ecosystems and services
- Multi-disciplinary innovation for social change
- European network of FURan based chemicals and materials FOR a Sustainable development
- Chemistry of Smart Energy Carriers and Technologies (SMARTCATS)
- Towards understanding and modelling intense electronic excitation
- Ammonia and Greenhouse Gases Emissions from Animal Production Buildings
- Trapped Ions: Progress in classical and quantum applications
- Combining forces for a novel European facility for neutrino-antineutrino symmetry-violation discovery (EuroNuNet)
- Reappraising Intellectual Debates on Civic Rights and Democracy in Europe

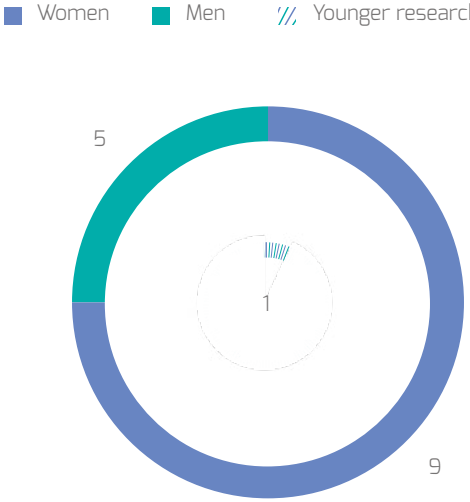
COUNTRY REPRESENTATION IN COST ACTIONS



LEADERSHIP POSITIONS IN COST ACTIONS



A CLOSE LOOK AT LEADERSHIP POSITIONS

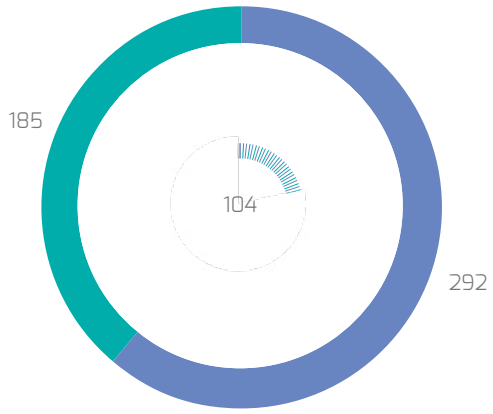


> "The COST program is fully indispensable and beneficial. It is one of the very few programs where the efficiency in my opinion reaches the level of more than 95%"

Prof. Atanas Atananssov, Head of the Joint Genomic Centre to Sofia University

INDIVIDUAL PARTICIPATION IN ALL ACTION ACTIVITIES

Women Men Younger researchers



PARTICIPATION IN NETWORKING ACTIVITIES

20

Short-term scientific missions

57

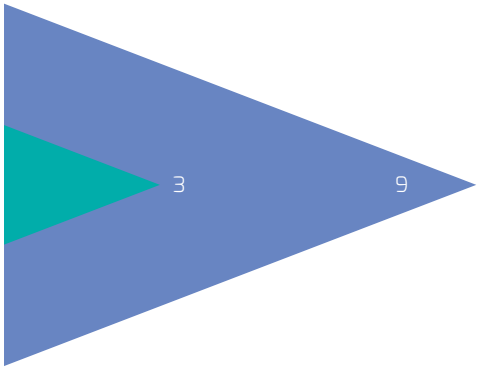
Trainees

1

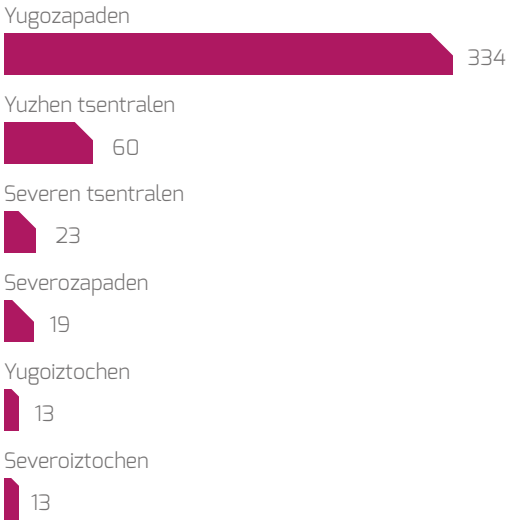
Trainers

NETWORKING ACTIVITIES IN BULGARIA

Short-term scientific missions Training schools



PARTICIPATION PER COUNTRY REGION



BUDGET RECEIVED

€404,671.92

EXPERTISE OF PROPOSERS

Agricultural biotechnology	3
Agriculture, Forestry, and Fisheries	3
Animal and dairy science	1
Arts	1
Basic medicine	3
Biological sciences	44
Chemical engineering	4
Chemical sciences	31
Civil engineering	6
Clinical medicine	16
Computer and Information Sciences	17
Earth and related Environmental sciences	22
Economics and business	23
Educational sciences	2
Electrical engineering, electronic engineering, information engineering	11
Environmental biotechnology	1
Environmental engineering	8
Health Sciences	11
History and Archeology	7
Industrial biotechnology	1
Languages and literature	9
Law	1
Mathematics	3
Mechanical engineering	6
Media and communications	4
Medical engineering	3
Nano-technology	3
Other engineering and technologies	3
Other medical sciences	4
Other social sciences	1
Philosophy, Ethics and Religion	2
Physical Sciences	12
Political Science	3
Psychology	7
Social and economic geography	3
Sociology	3
Total	**282**

> “Getting in contact with specialists working in my field outside my country allowed me to get in touch with foreign legislation, standards, and good practices. It was interesting to learn about drinking water-related problems, similar to those in my country and solutions for them. Thanks to all this gained knowledge I became a better specialist in the field of drinking water quality.”

Mr Radoslav Tonev, PhD student, young researcher at the University of Architecture, Civil Engineering and Geodesy, Sofia

MAKING THE HEADLINES

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Research Article NeoBiota 48: 45-69 https://doi.org/10.3897/neobiota.48.34222 (15 Jul 2019)

Assessing the ecological and societal impacts of alien parrots in Europe using a transparent and inclusive evidence-mapping scheme

Rachel L. White, Diederik Strubbe, Martin Dallimer, Zoe G. Davies, Amy J.S. Davis, Pim Edelaar, Jim Groombridge, Hazel A. Jackson, Mattia Menchetti, Emiliano Mori, Boris P. Nikolov, Liviu G. Pârâu, Živa F. Pečnikar, Tristan J. Pett, Luís Reino, Simon Tollington, Anne Turbé, Assaf Shwartz

Abstract

Globally, the number of invasive alien species (IAS) continues to increase and management and policy responses typically need to be adopted before conclusive empirical evidence on their environmental and socioeconomic impacts are available. Consequently, numerous protocols exist for assessing IAS impacts and differ considerably in which evidence they include. However, inclusive strategies for building a transparent evidence base underlying IAS impact assessments are lacking, potentially affecting our ability to reliably identify priority IAS. Using alien parrots in Europe as a case study, here we apply an evidence-mapping scheme to classify impact evidence and evaluate the consequences of accepting different subsets of available evidence on impact assessment outcomes. We collected environmental and socioeconomic impact data in multiple languages using a "wiki-review" process, comprising a systematic evidence search and an online editing and consultation phase. Evidence was classified by parrot species, impact category (e.g. infrastructure), geographical area (e.g. native range), source type (e.g. peer-review), study design (e.g. experimental) and impact direction (deleterious, beneficial and no impact). Our comprehensive database comprised 386 impact entries from 233 sources. Most evidence was anecdotal (50%). A total of 42% of entries reported damage to agriculture (mainly in native ranges), while within Europe most entries concerned interspecific competition (39%). We demonstrate that the types of evidence included in assessments can strongly influence impact severity scores. For example, including evidence from the native range or anecdotal evidence resulted in an overall switch from minimal-moderate to moderate-major overall impact scores. We advise using such an evidence-mapping approach to create an inclusive and updatable database as the foundation for more transparent IAS impact assessments. When openly shared, such evidence-mapping can help better inform IAS research, management and policy.

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