

Belgium



Statistical data refers to 2019

REPRESENTING INSTITUTIONS

- Belgian Science Policy Office

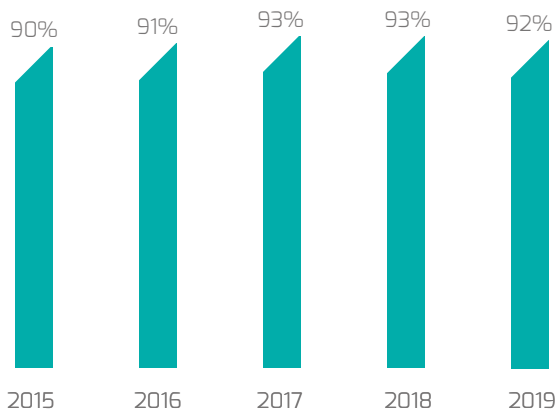


RUNNING ACTIONS LED BY RESEARCHERS IN BELGIUM

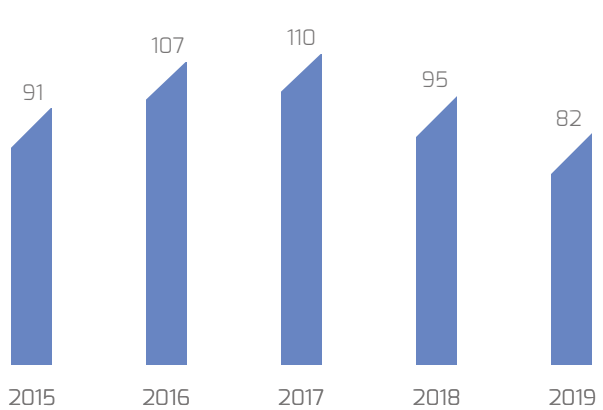
Examples of chaired Actions

- > European Burden of Disease Network
- > Measuring homelessness in Europe
- > Constitution-making and deliberative democracy
- > European Network on Understanding Gastrointestinal Absorption-related Processes
- > Inclusive Radio Communication Networks for 5G and beyond (IRACON)
- > The European Aquatic Animal Tracking Network
- > Police Stops
- > Application of next generation sequencing for the study and diagnosis of plant viral diseases in agriculture
- > Combatting anthelmintic resistance in ruminants
- > A pan-European Network for Marine Renewable Energy

COUNTRY REPRESENTATION IN COST ACTIONS

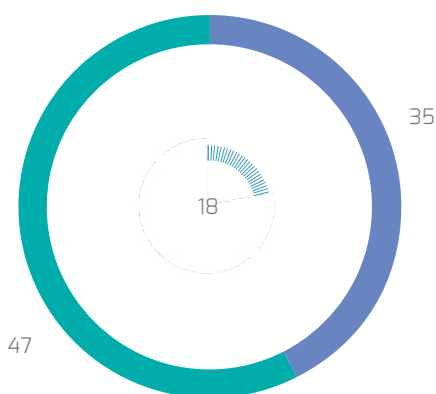


LEADERSHIP POSITIONS IN COST ACTIONS



A CLOSE LOOK AT LEADERSHIP POSITIONS

■ Women ■ Men // Younger researchers

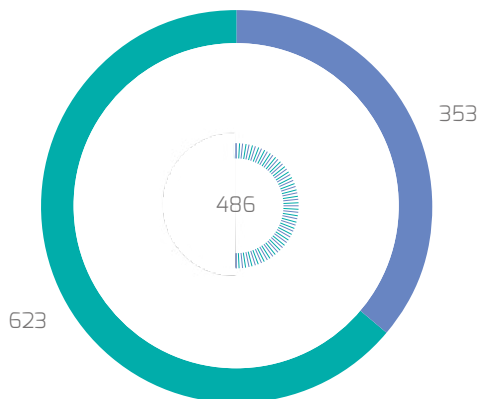


“ Short-term scientific missions are crucial. Young researchers learn by doing – not by reading – and by discussion and reflecting. At the same time, they bring their own expertise and experience to the host institution and are helpful for the development of science and exchange of research. You cannot overestimate their impact.”

Prof. Walter Sermeus, Professor of Healthcare Management, Leuven Institute for Healthcare Policy, KU Leuven

INDIVIDUAL PARTICIPATION IN ALL ACTION ACTIVITIES

■ Women ■ Men // Younger researchers



PARTICIPATION IN NETWORKING ACTIVITIES

63

Short-term scientific missions

79

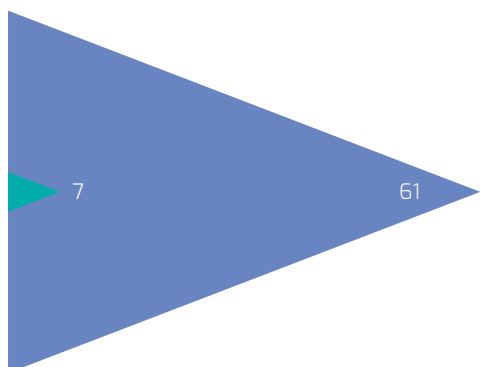
Trainees

54

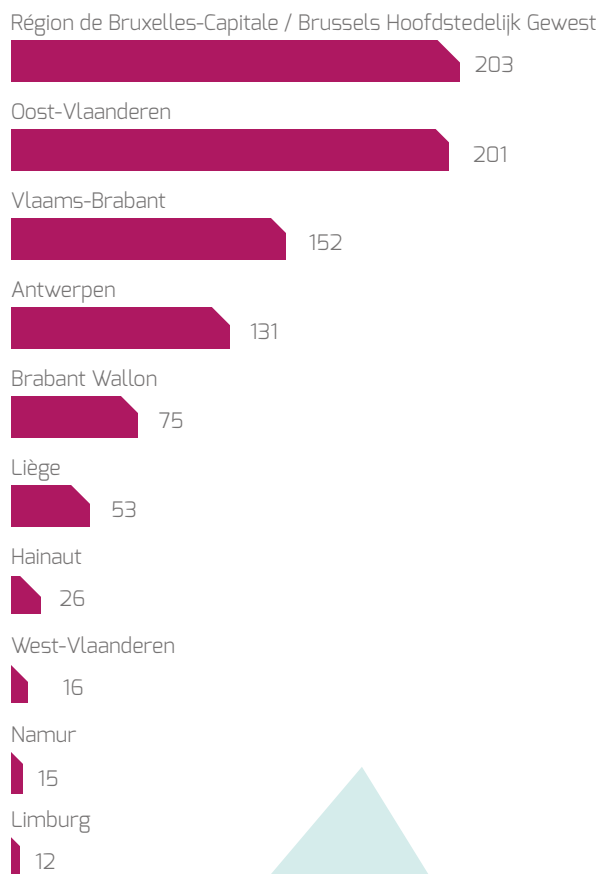
Trainers

NETWORKING ACTIVITIES IN BELGIUM

■ Short-term scientific missions ■ Training schools



PARTICIPATION PER COUNTRY REGION



BUDGET RECEIVED



EXPERTISE OF PROPOSERS

Agricultural biotechnology	5	Law	26
Agriculture, Forestry, and Fisheries	14	Materials engineering	14
Animal and dairy science	6	Mathematics	2
Arts	3	Mechanical engineering	5
Basic medicine	8	Media and communications	11
Biological sciences	40	Medical biotechnology	7
Chemical engineering	16	Medical engineering	7
Chemical sciences	9	Nano-technology	2
Civil engineering	8	Other engineering and technologies	12
Clinical medicine	26	Other agricultural sciences	5
Computer and Information Sciences	17	Other humanities	7
Earth and related Environmental sciences	16	Other medical sciences	9
Economics and business	24	Other social sciences	9
Educational sciences	3	Philosophy, Ethics and Religion	7
Electrical engineering, electronic engineering, information engineering	21	Physical Sciences	9
Environmental biotechnology	1	Political Science	21
Environmental engineering	15	Psychology	6
Health Sciences	34	Social and economic geography	6
History and Archeology	10	Sociology	7
Industrial biotechnology	1	Veterinary science	7
Languages and literature	21		
		Total	477

“COMPACT COST Action has helped to unite an emergent and largely fragmented field of research. International scholars from different countries and disciplines – political science, sociology, media studies, cultural studies, history, social psychology and philosophy – are now recognising that they are part of a bigger picture.”


Prof. Step Aupers, Professor of Media Culture at the Institute for Media Studies, KU Leuven



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New guidelines for sustainable European seaweed

MAY

21

2019

A new report gives scientific guidance to help meet a growing global demand for seaweeds while also protecting resources and the environment.

The report calls for development, improvement and diversification of seaweed aquaculture practices in Europe.

With the world's population set to hit 9 billion before 2050, seaweeds can provide an alternative source of food, feed, fuel and livelihood for an ever-expanding population, if produced in a sustainable way.


They also play a key ecological role in coastal ecosystems - whether it's supporting the food web, protecting coasts from erosion or removing excess nutrients from the water.

Worldwide production of seaweeds has doubled in the last 10 years.

Yet European production currently lags behind Asian countries despite the EU's large exclusive economic zone, its high seaweed biodiversity and its leadership on seaweed research.

Co-authored by the JRC, this study provides guidance on how to further tap into an expanding industry that is estimated to be worth more than €8 billion.

A team of experts analysed the current EU policy framework for seaweed aquaculture, identifying challenges and how they can be solved to make the most of this resource in a sustainable way.



Seaweeds can provide an alternative source of food, feed, fuel and livelihood for an ever-expanding population
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Report: PEGASUS: Phycomorph European Guidelines for a Sustainable Seaweed Aquaculture

Related topics

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Water

COST Action FA1406 New guidelines for sustainable European seaweed EU Science Hub

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09 Sep 2019

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The European Centre for Medium-Range Weather Forecasts (ECMWF) advances weather science, provides the EU with crucial environmental information and has one of the world's largest supercomputers. Explains Director General Dr Florence Rabier



credit: ECMWF

How did the ECMWF come about and why was it required in the first place?

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