

Fostering RI and social relevance of research findings: A global perspective through intercultural dialogue

RI in the context of Europe

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EARTHnet: Ethical Aspects in Research and Technology for Human *network*



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HONG KONG
2 - 5 JUNE 2019

Date: 5 June 2019
Time: 15:15 – 16:45
Venue: Grand Hall

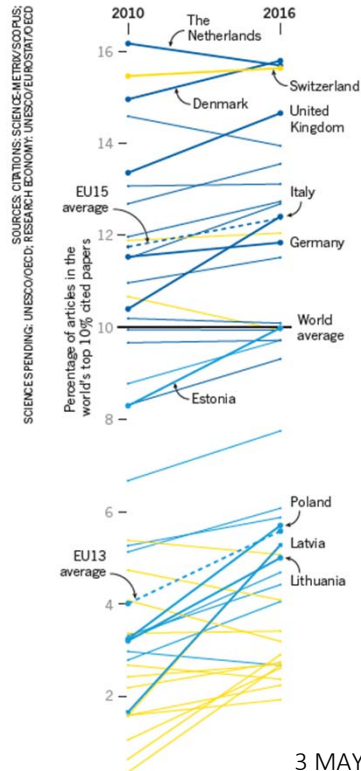


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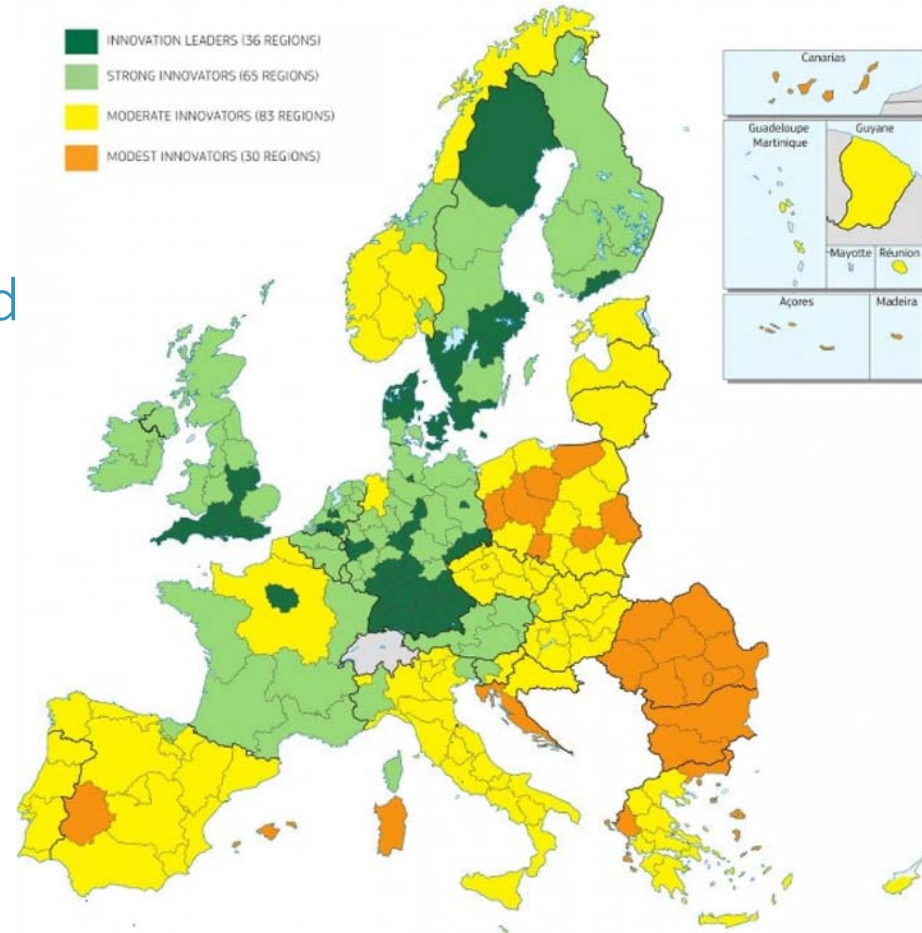
CITATIONS

Denmark, the Netherlands and Switzerland lead the world in citation impact; almost 16% of their respective papers are in the world's top 10%*. The EU13 countries are improving rapidly — particularly Estonia, Latvia, Poland and Lithuania.

• EU15 • EU13 • Rest of Europe



European innovation scoreboard *(research and innovation performance)*



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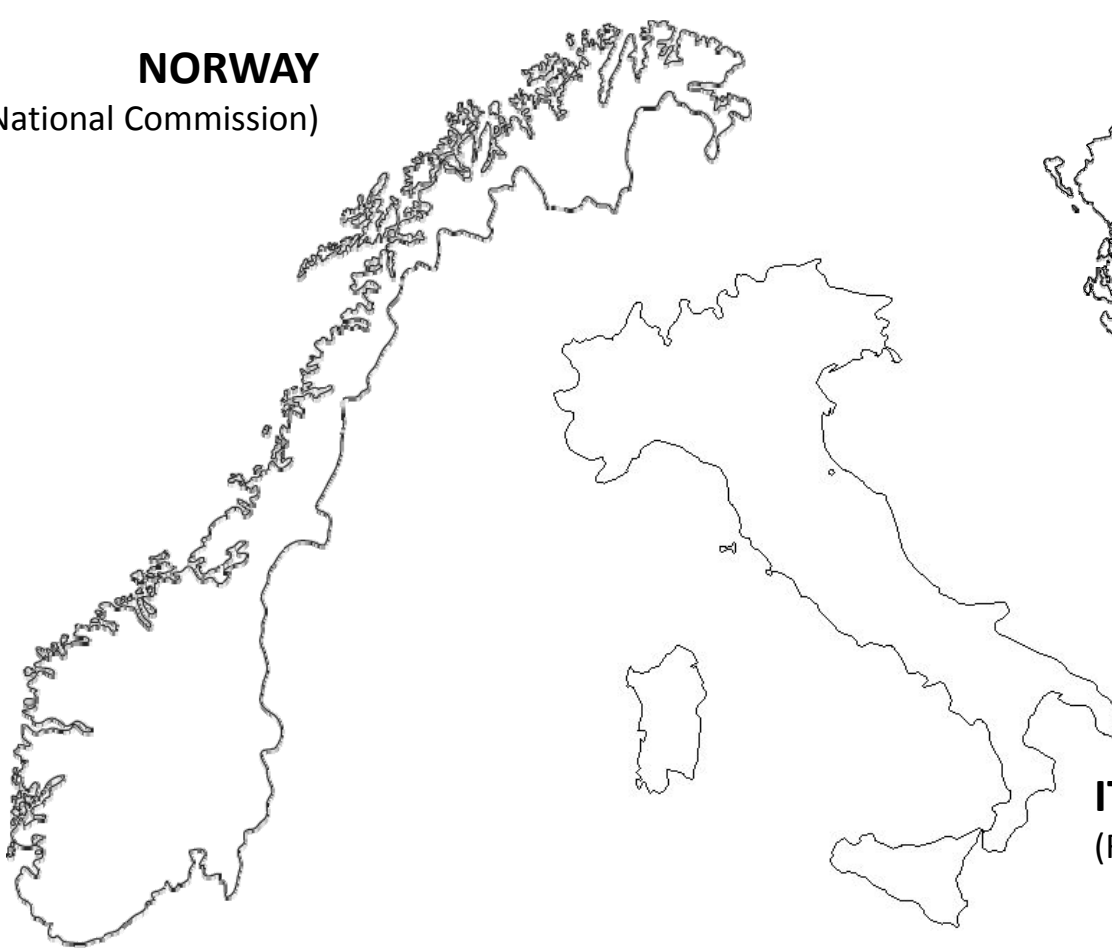


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NORWAY
(National Commission)



GREECE
(Commissions at
Institutional level)

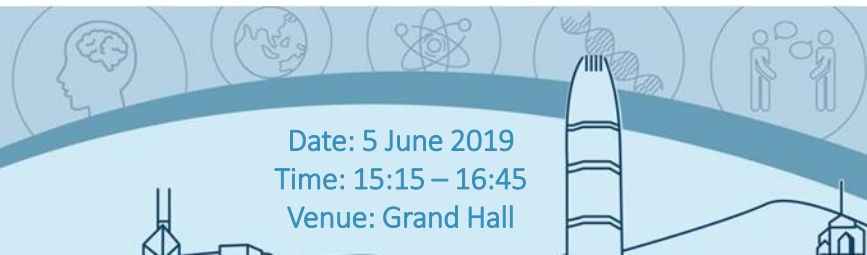


ITALY
(Regional Commissions)

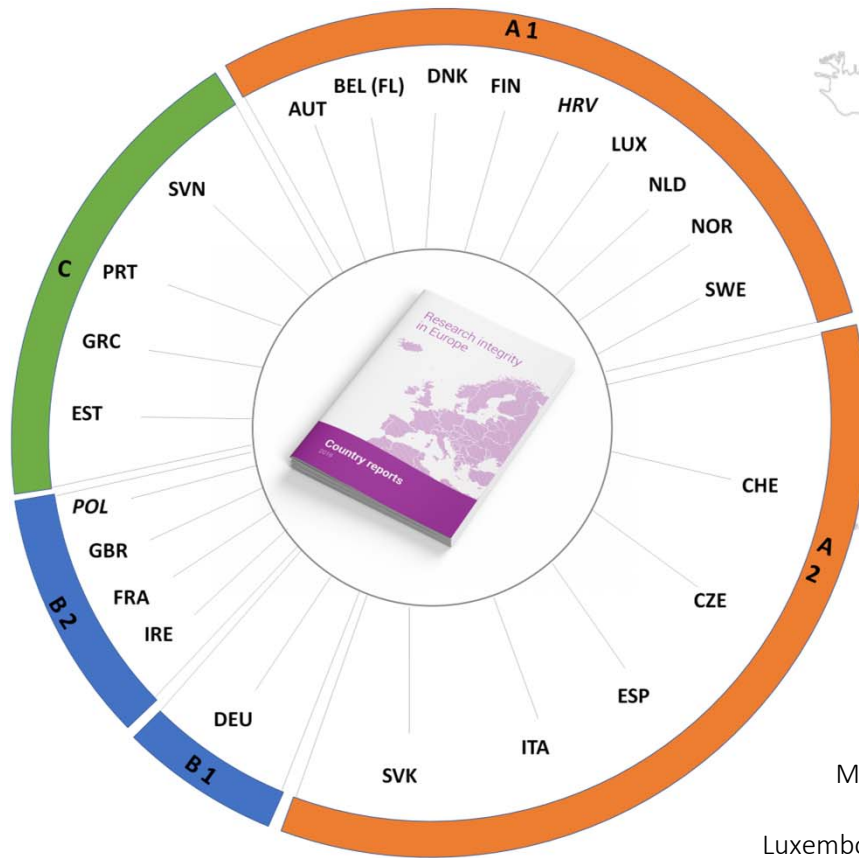


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ENRIO country reports

- A** National RI structures with investigatory and (non) binding decision-making authority in research misconduct cases
 - A1** National bodies/commissions covering in principle the whole country
 - A2** National research and/or funding organisations covering in principle research misconduct in these (funded research) organisations only
- B** National RI structures with other tasks covering in principle the whole country
 - B1** National mediator
 - B2** National supporting (advisory) platforms
- C** National RI structures in progress

Managing research misconduct: national institutional structures for research integrity in 23 countries in Europe with a comparison of the Austrian and Luxembourgish structures, Grace van Arkel, Nicole Foeger, Dirk Lanzerath, (PO151)



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- a **unified research area** open to the world and based on the internal market
- enables **free circulation** of researchers, scientific knowledge and technology
- a **system of scientific research programs** integrating the scientific resources of the European Union



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|eneri|

the
embassy
of good
science

ALLEA
ALL European
Academies



SCIENCE
EUROPE
Shaping the future of research



ENOHE
European Network of Ombuds in Higher Education



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Coordination and Support Actions



DEFORM



eneri



PANELFIT

VRT²UE



sienna.



SHERPA

I-consent.

PRO-RES



* Accompanying measures such as standardisation, dissemination, awareness-raising and communication, networking, coordination or support services, policy dialogues and mutual learning exercises and studies.



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European code of Conduct for Research Integrity



**The European
Code of Conduct for
Research Integrity**
REVISED EDITION

- **Reliability** in ensuring the quality of research, reflected in the design, the methodology, the analysis and the use of resources.
- **Honesty** in developing, undertaking, reviewing, reporting and communicating research in a transparent, fair, full and unbiased way.
- **Respect** for colleagues, research participants, society, ecosystems, cultural heritage and the environment.
- **Accountability** for the research from idea to publication, for its management and organisation, for training, supervision and mentoring, and for its wider impacts.



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Mutual Learning Exercise (MLE) on Research Integrity

Brought representatives of 14 countries together with external experts to **exchange good practices** to **promote research integrity in Europe** in 4 priority areas:

1. promoting positive incentives
2. spreading research integrity culture among stakeholders through communications and dialogue
3. enhancing training in all stages of the research careers
4. stimulating processes and structures that support research integrity



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SwafS (Science with and for Society) clustering events

Fostering cooperation, establish project synergies & develop cooperation plans

RE&RI training and capacity building



DEFORM | eneri | PRINTEGER | VIRT2UE

RE&RI communication, legacy and sustainability



eneri | EnTIRE

RE&RI guidelines and regulatory framework



SHERPA | PRO-RES | I-consent. | PANELFIT | TRUST | PRINTEGER | sienna.



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The power of diversity

BEING INCLUSIVE GIVES TEAMS A COMPETITIVE EDGE IN SCIENCE.
IT ALSO HAPPENS TO BE THE RIGHT THING TO DO.

BY KENDALL POWELL

Chanel Phillips tried hard to keep her nerves in check last year as she prepared to present her research at an international meeting on drowning prevention. Phillips, a doctoral student at the University of Otago in Dunedin, New Zealand, was in Vancouver, Canada, discussing water-safety strategies that she had been developing with indigenous Maori communities back home. It struck her that she and a colleague were perhaps the only indigenous presenters at the meeting.

Anno-Marie Jackson is integrating Maori culture with science.

7 JUNE 2018 | VOL 558 | NATURE | 19



THIS WEEK

EDITORIALS

AGRICULTURE Europe's advisers offer sensible measures on crop protection **p.6**

WORLD VIEW Chew on better ways to measure food production **p.7**



FOSSILS Poo shows ancient dogs had bone-crunching diets **p.9**

Science benefits from diversity

Improving the participation of under-represented groups is not just fairer — it could produce better research.

Lab groups, departments, universities and national funders should encourage participation in science from as many sectors of the population as possible. It's the right thing to do — both morally and to help build a sustainable future for research that truly represents society.

A more representative workforce is more likely to pursue questions and problems that go beyond the narrow slice of humanity that much of science (biomedical science in particular) is currently set up to serve. Widening the focus is essential if publicly funded research is to protect and preserve its mandate to work to improve society. For example, a high proportion of the research that comes out of the Western world uses tissue and blood from white individuals to screen drugs and therapies

Could something similar be true in science? As we discuss in a News Feature this week (page 19), some studies suggest that a team with a good mix of perspectives is associated with increased productivity.

Concerted action to effect change on recruitment and retention can and does make a difference (see T. Hodapp and E. Brown *Nature* 557, 629–632; 2018). More effort across the board is overdue. The lack of diversity in science is everyone's problem.

Everyone has a responsibility to look around them, to see the problem for what it is, and to act — not just to assume it is someone else's job to fix it. ■

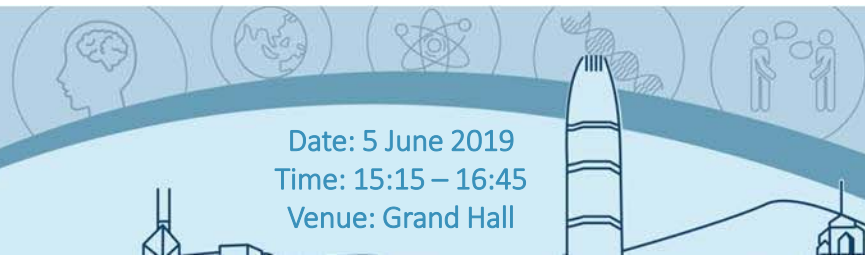
“The lack of diversity in science is everyone's problem.”




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ONE WORLD
ONE SCIENCE



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