

Presentation of PEER

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PEER in a nutshell

Oslo Centre for Interdisciplinary
Environmental and Social
Research



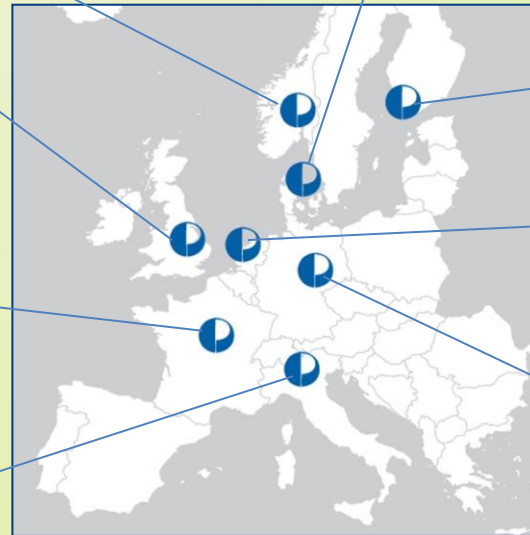
Wageningen
Environmental
Research



National Research Institute
of Science and Technology
for Environment and
Agriculture



Joint Research
Centre

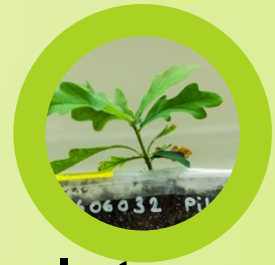


Finnish
Environment
Institute



- created in August 2001
- driven by the idea of creating a European (Environmental) Research Area
- PEER today: 8 members / 6,100 staff (3,000 researcher) / about €630 million budget (€300 million core budget)

PEER member characteristics



PEER members are

- are **large European research centres** dedicated exclusively to **environmental research** with a predominant focus on the **interaction between man and the environment**,
- cover a **wide range** of environmental sciences developing **concepts and methods** that contribute to a **sustainable development**,
- do **basic research** as well as **applied research** and apply an **interdisciplinary approach** that combines natural sciences, social sciences as well as engineering,
- are independent research centres financed mainly through **public budgets**,
- organise their research activities mostly in **multi-annual strategic research programmes**.

PEER vision & mission



Vision

- To be a **world leader in integrating knowledge and expertise for sustainable development.**



Mission

- To build a **strategic partnership** of major European public environmental research centres;
- To lead a European Research Area that **strengthens the knowledge base for the sustainable development** of a changing world; and
- To foster innovative **interdisciplinary research** and cross-cutting approaches **in support of national and European policy-makers, industry and society.**



PEER activities







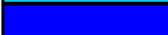
- Share information / expertise / facilities
- Joint research projects (EU funded and based on own funds)
- PEER Working Groups and Seminars
- Communication / Public Relation

- **PEER Position Papers**
e.g. PEER Response to EC consultation on Horizon 2020 work programme (8 April 2016)



PEER sharing expertise: our genetic code

Topic	ALTERRA	CEH	CIENS	IRSTEA	JRC-IES	DCE	SYKE	UFZ
Climate Change	substantial competence	substantial competence	very high, broad competence	no competence	substantial competence	some competence	substantial competence	substantial competence
Atmosphere	some competence	very high, broad competence	very high, broad competence	no competence	very high, broad competence	very high, broad competence	substantial competence	no competence
Marine	no competence	no competence	very high, broad competence	substantial competence	substantial competence	very high, broad competence	substantial competence	no competence
Water	substantial competence	very high, broad competence	very high, broad competence	substantial competence	no competence	substantial competence	very high, broad competence	very high, broad competence
Soils, Forests, Agriculture	very high, broad competence	substantial competence	very high, broad competence	substantial competence	substantial competence	substantial competence	substantial competence	substantial competence
Biodiversity and Land Use	substantial competence	substantial competence	very high, broad competence	substantial competence	no competence	substantial competence	substantial competence	very high, broad competence
Fragile Environments	substantial competence	substantial competence	substantial competence	no competence	substantial competence	substantial competence	substantial competence	no competence
Natural Hazards and Environmental Risks	some competence	substantial competence	very high, broad competence	no competence	substantial competence	substantial competence	substantial competence	substantial competence
Society	substantial competence	no competence	very high, broad competence	no competence	no competence	substantial competence	substantial competence	substantial competence
Geoinformation	substantial competence	substantial competence	very high, broad competence	no competence	very high, broad competence	substantial competence	very high, broad competence	substantial competence
Environmental Technologies	no competence	substantial competence	substantial competence	substantial competence	no competence	no competence	substantial competence	no competence

	no competence
	some competence
	substantial competence
	good, broad competence
	very high, broad competence

Our portfolio

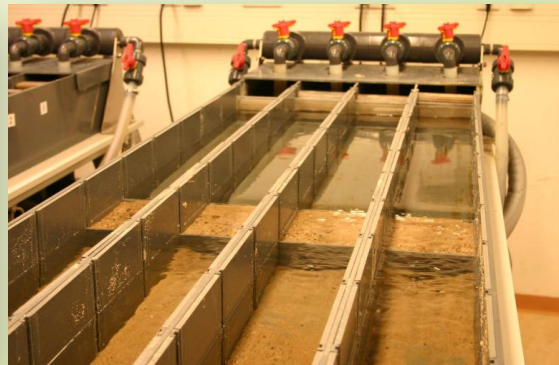
- Atmospheric Environment
- Biodiversity and Land Use
- Soils, Forests, Agriculture
- Surface and Groundwater
- Fragile Environments
- Geo-information
- Marine Environment
- Natural Hazards
- Climate Change
- Environmental Technologies

PEER sharing research facilities

Technological platforms and observatories



Vessel Aranda, SYKE



Artificial streams, Alterra



Centre for Spreading and the Environment, Irstea



Zackerberg Research Station in Greenland, DCE



Global Change Experimental Facility, UFZ



Environmental Research Aircraft, Alterra

PEER – joint PEER projects

PEER projects based on own funds, resulting in new FP projects on e.g.

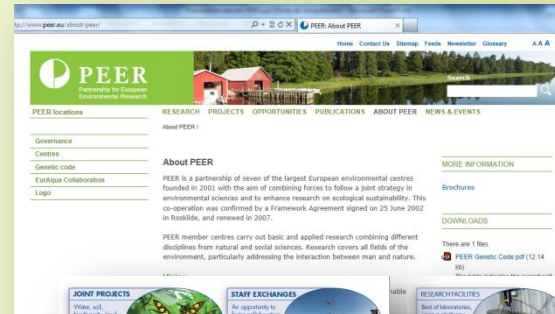
- Adaptation to climate change – comparison of strategies and policies
→ EU project BASE
- PEER Research on Ecosystem Services
→ EU project OpenNESS
- Bioeconomy and green engineering as foundations for future circular green economy



PEER – Communication



- Website, newsletter
- Activity reports
- Brochures, bookmarks
- Media relations
- Institutional visits
- Conferences, events



Innovative approaches for the management of environmental risks from plant protection products

