

# EEA and Norway Grants and Norwegian-Estonian Research Cooperation

Aleksandra W. Haugstad, Research Council of Norway



# Funding international research



Multilateral



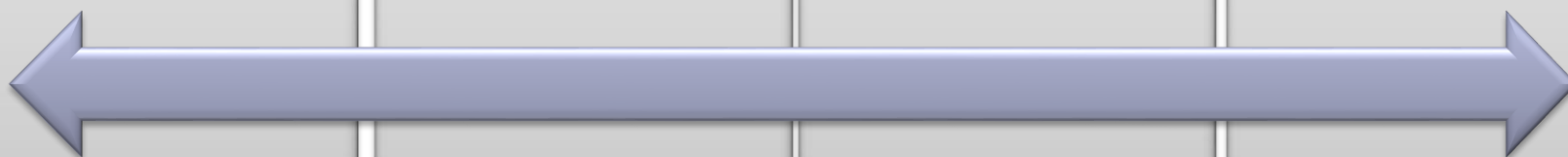
H2020



Bilateral



National





Norway is not just about the fjords

or a resource-based economy

- mining, minerals
- hydroelectricity
- petroleum
- fishing & seafood
- shipping



## It's a society based on...

- trust
- technology
- higher education
- equality
- cooperation



with strong research fields...

- renewable energy
- geology (Earth sciences)
- petroleum technology
- climate change
- marine
- maritime
- clinical medicine
- public administration
- arctic sciences

BIOTECH, MARINE  
BIOLOGY, CLIMATE  
RESEARCH

TECHNOLOGY

MARINE AND  
MARITIME

SOCIAL SCIENCE,  
ICT, HEALTH

Clusters for R&D



TROMSØ



BODØ

NTNU  
TRONDHEIM



BERGEN



STAVANGER



OSLO

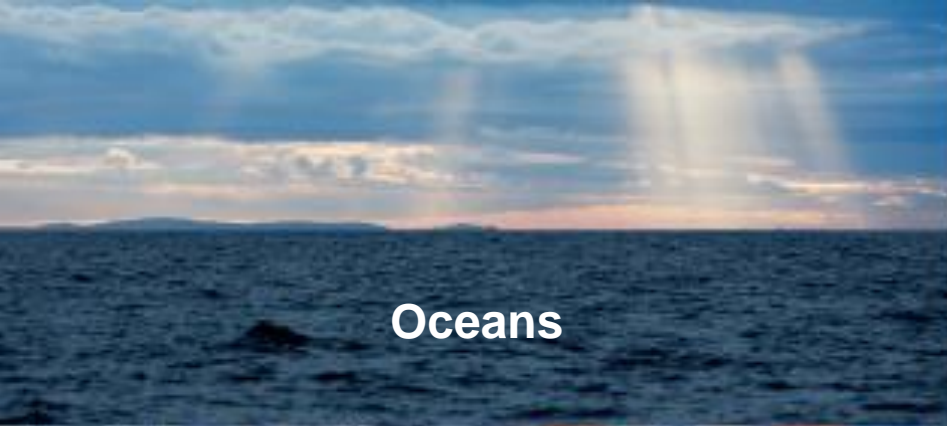


ÅS



KRISTIANSAND





Oceans



public sector  
renewal and  
higher quality



climate change, the  
environment and  
environment-friendly  
energy

DET KONGELIGE  
KUNNSKAPSDEPARTEMENT

**Meld. St. 7**  
(2014-2015)  
Melding til Stortinget

---

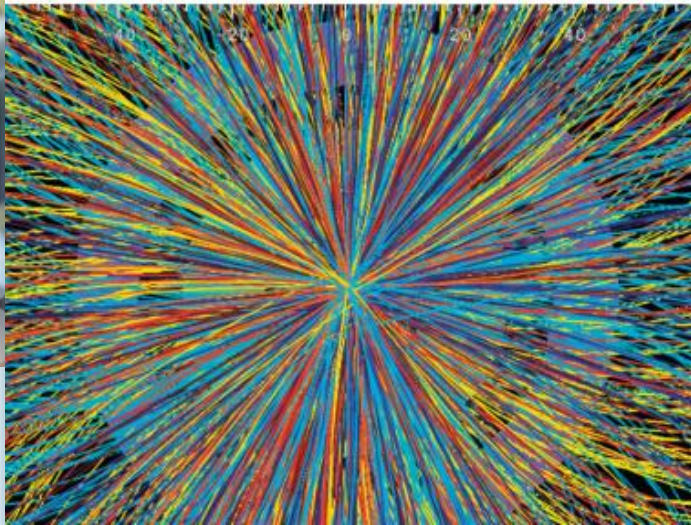
Langtidsplan for forskning og  
høyere utdanning 2015-2024



Technologies



innovative,  
adaptable private  
sector



Groups

# Increasing public funding for R&D...

1 R&D expenditure in Norway by sector of performance: 1970–2013. Fixed 2010-prices. NOK.



<sup>1</sup> Hospitals in the higher education sector (university hospitals) and institute sector (other health trusts and private, non-profit hospitals). Source: NIFU/Statistics Norway, R&D statistics

# Main public funding-streams for R&D



Ministry of Education and Research



**The Research Council**



Other Ministries

Higher  
education  
sector



Research  
performing  
organizations



Industry



# RCN activities – annual budget €1 billion



# It's all about international involvement...

- Horizon 2020
- bilateral cooperation
- multilateral research programs




The Research Council of Norway

Search

APPLY FOR FUNDING | EVENTS | NEWS | POLICY AND STRATEGY | INTERNATIONAL | FOR INDUSTRY | THE RESEARCH COUNCIL

You are here: [Home page](#)




**277 grant proposals for the November deadline**  
150 were submitted under the call for the fourth generation of Centres of Excellence.

**Calls for proposals**  
Calls for the **17 February** deadline and other, individual deadlines.


**Log in**  
On **My RCN Web** you can work on a previously created application or submit a report.

**Application status**  
See which applications are under processing and which have been approved.


**Featured now:**




New survey:  
**Researchers: more time to communicate**  
Politicians and authorities main target group, general public less important.



New allocation:  
**Research centre to combat extremism**  
50 million kroner to new research centre



Gender balance:  
**New Nordic research programme**  
First call to be issued in January will include NOK 10 million in funding.



Funding from Horizon 2020:  
**Norway a dynamo in research on the EU**  
Norwegian groups are among the best

**Shortcuts**

- Programme webpages
- Project database
- Newsletter

Show more

**Events**

20 JAN **Conference: Knowledge for the cities of the future**  
Location: Vulkan Arena, Oslo

1 FEB **Conference on mental health and alcohol and drug research**  
Location: Oslo

More events

**Other websites**

- Norwegian Science week
- Nysgjerrigper Science Knowledge Project
- Proscientia
- EURAXESS - Researchers' Mobility Portal
- forskning.no - Norwegian research news
- ScienceNordic



News  
**ANNUAL REPORT  
 2014-2015 OUT NOW**

Iceland, Liechtenstein and Norway are contributing to future growth and development in Europe through the EEA and Norway Grants. Our annual report gives you an insight into the progress and achievements over the past year.



NEWS

25.11.2015  
 Working together to prevent domestic violence

19.11.2015  
 Researching climate change and the environment

17.11.2015  
 Improving the monitoring of Portuguese marine waters

16.11.2015  
 From Valencia to Trondheim

» More news and project stories



*We strengthen bilateral relations with 16 EU countries and reduce economic and social disparities in the European Economic Area*



MEDIA LIBRARY



[www.eeagrants.org](http://www.eeagrants.org)

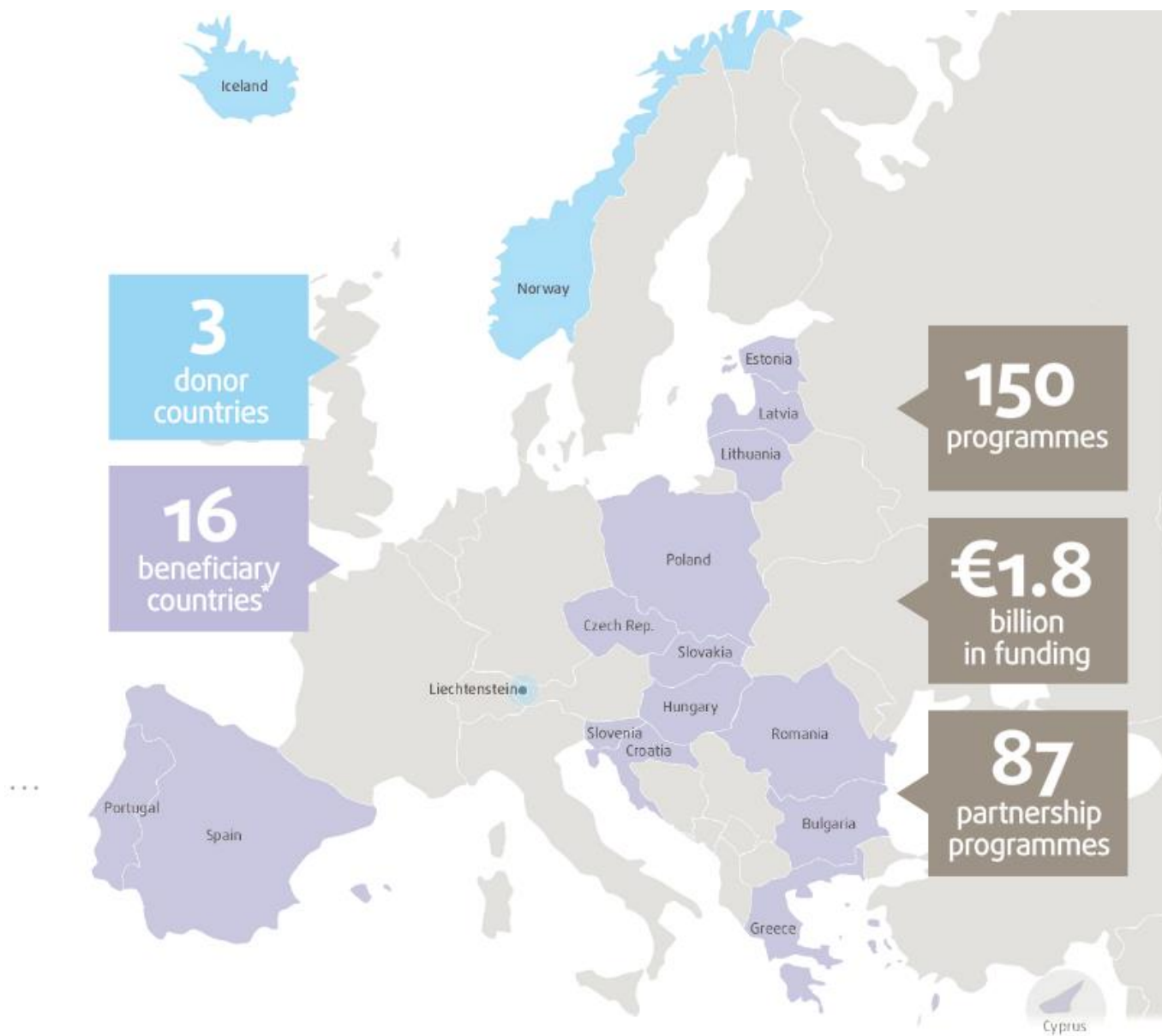


**EEA GRANTS and NORWAY GRANTS**

Social and economic development  
 Through the Grants, we are providing €1.8 billion to programmes in 16 countries in the period 2009 to 2014.

Click on the map for more details.





# AREAS OF SUPPORT

(€ million)

See annex 1 for a breakdown of figures by priority sector, split between EEA Grants and Norway Grants.



265.3

Climate change and  
renewable energy



154.6

Environmental protection  
and management



127.7

Green industry  
innovation



160.8

Civil  
society



379.9

Human and social  
development



204.2

Cultural heritage  
and diversity



171.8

Research and  
scholarships



149.8

Justice and  
home affairs



8.1

Decent work and  
tripartite dialogue



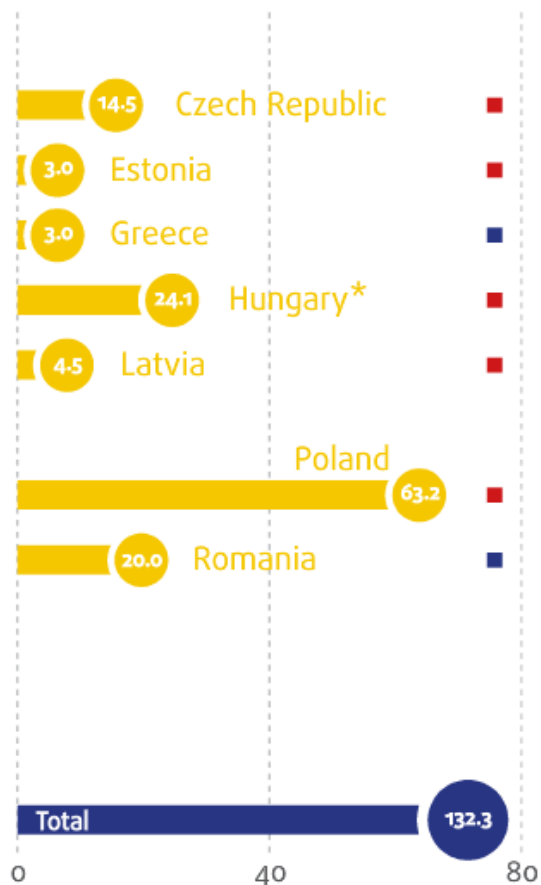
5.0

Carbon capture and  
storage

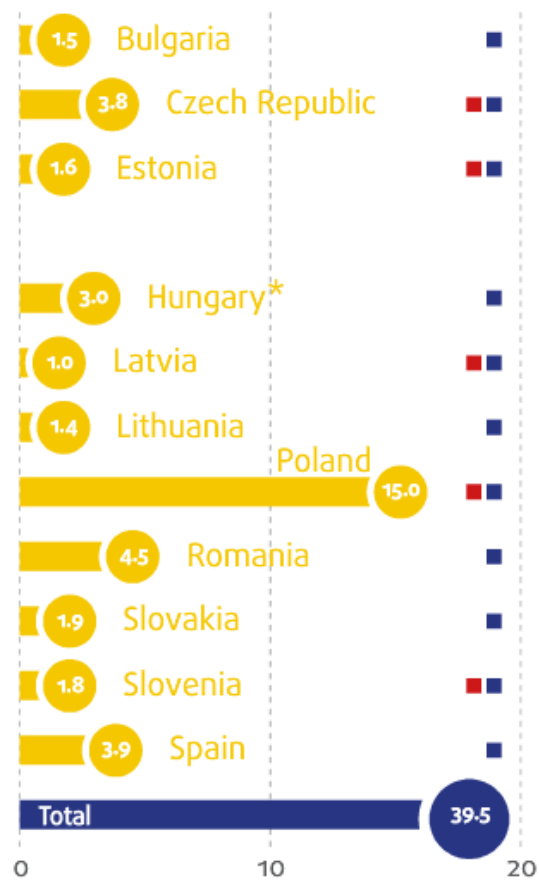


## Overview of programmes

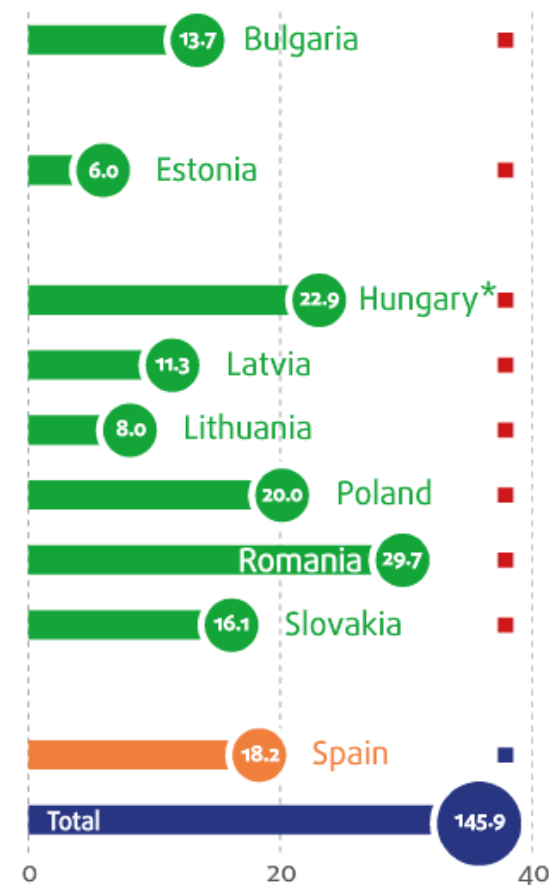
### Research (€ million)



### Scholarship and educational cooperation (€ million)



### Green industry innovation and environmental research and technology (€ million)



# EEA and Norway Grants for bilateral research cooperation

**2012-2017: EUR 130 mill**

## Ongoing programs:

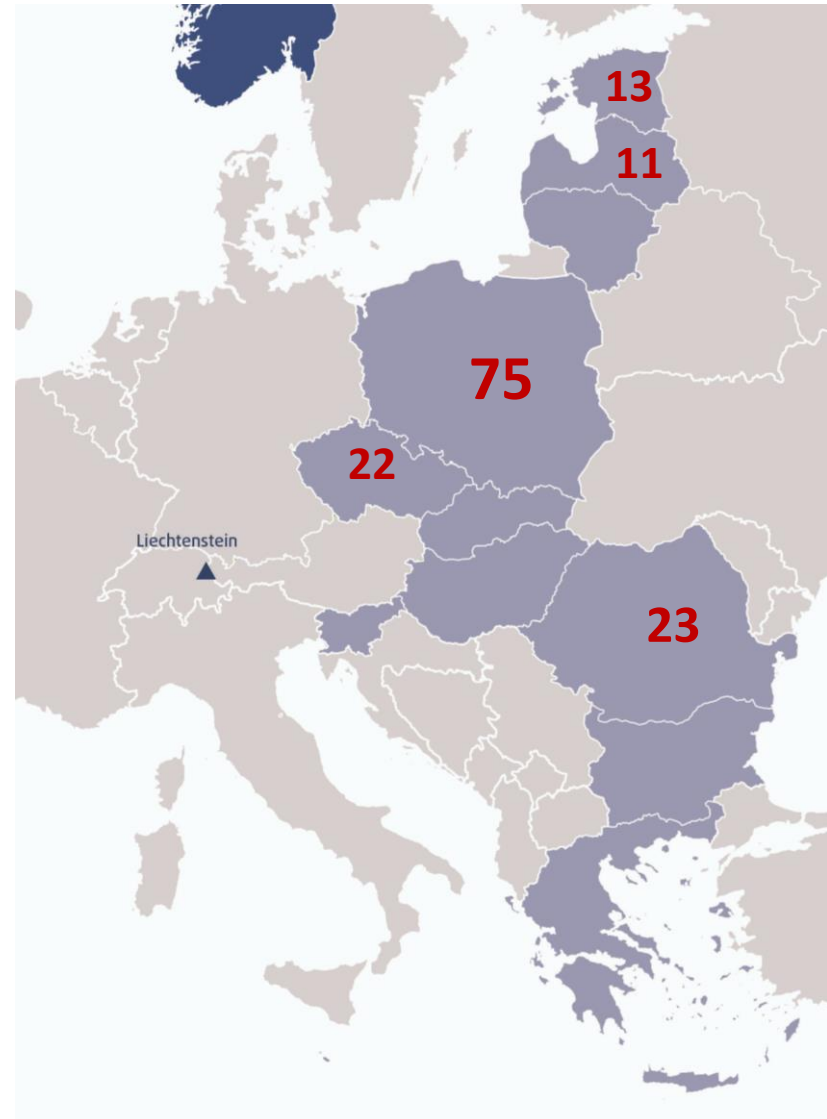
Latvia - Norway

Estonia - Norway

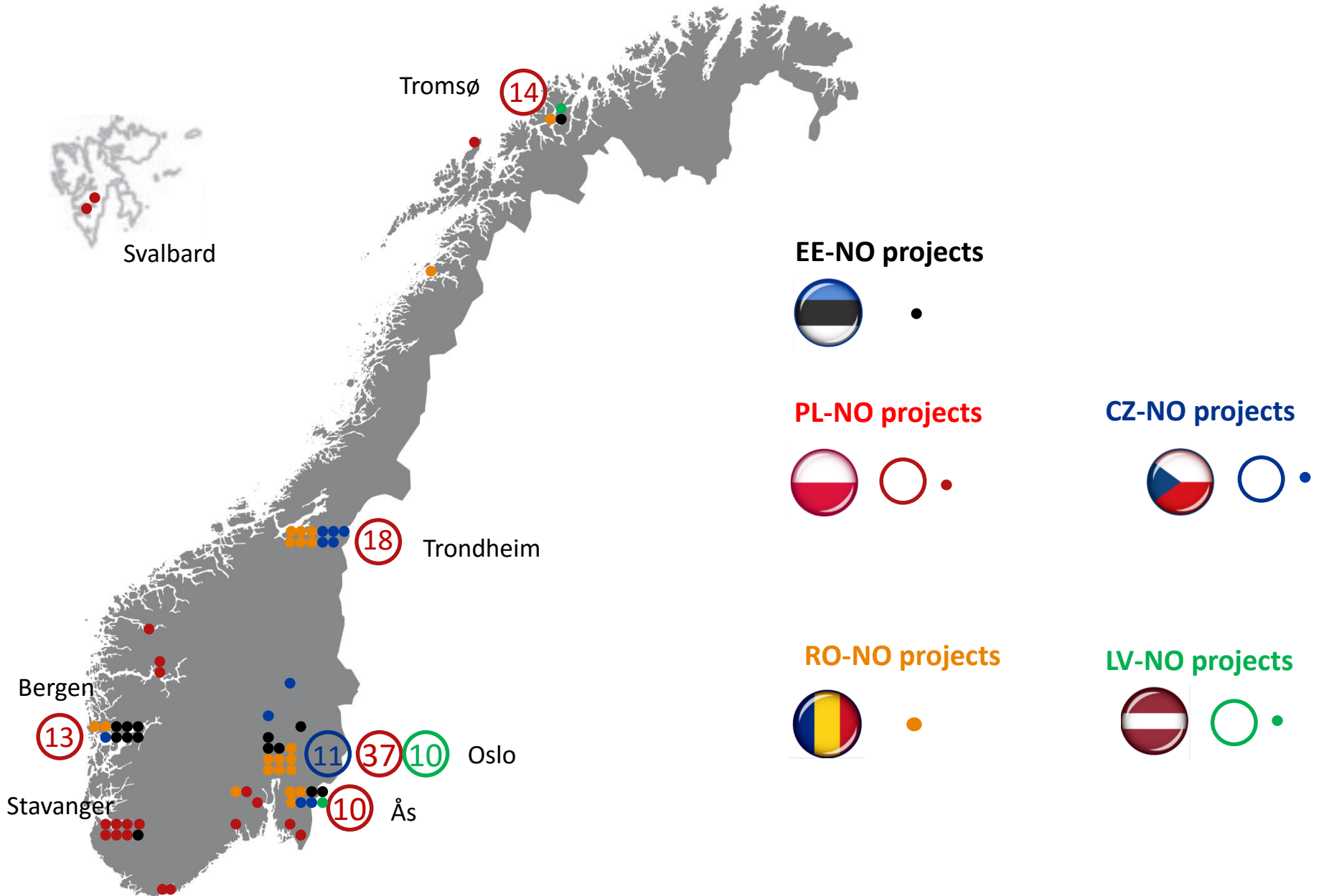
Poland - Norway

Czech Republic- Norway

Romania-Norway/Iceland



# Norwegian partners in EEA/Norway Grants research projects





# Norwegian - Estonian Research Cooperation Programme



# Norwegian-Estonian Research Cooperation Programme



- Estonian Ministry of Education and Research
- Estonian Research Council
- Research Council of Norway
  
- Total budget: **3,3** millions EUR
- Duration: 2013-2017
  
- Objective: Enhanced research-based knowledge development through research cooperation between Norway and Estonia



HARIDUS- JA  
TEADUSMINISTEERIUM



Eesti Teadusagentuur  
Estonian Research Council

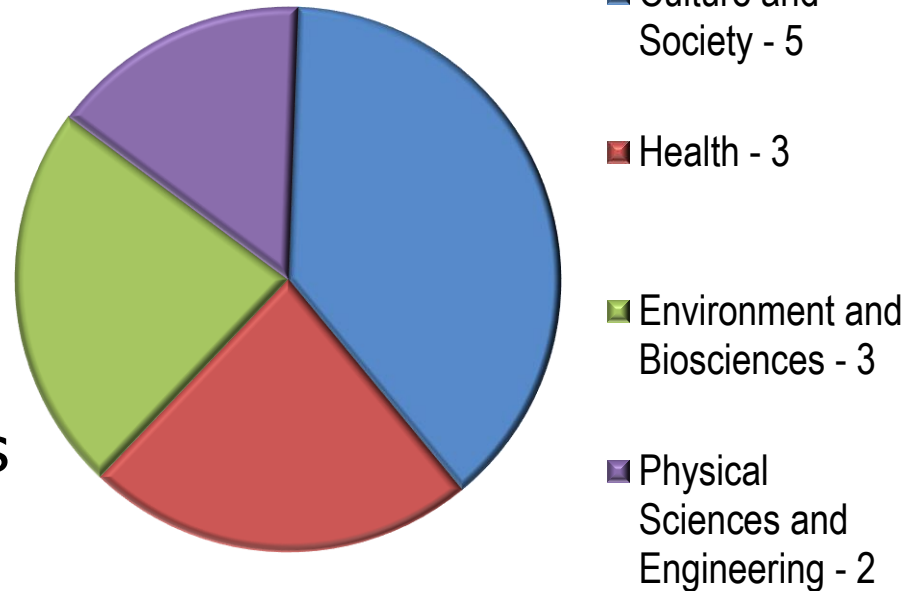


The Research Council  
of Norway

# Norwegian-Estonian Research Cooperation Programme

- One open call
- 170 applications
- 13 joint research projects
- 12 partner institutions
- 73 researchers involved

## Projects by thematic area







Karin Sein (to the left) and Piia Kalamees from the University of Tartu are researching on how to improve the legislation on consumer credit. Photo: Christophe Vander Eecken

## MAKING A DIFFERENCE THROUGH RESEARCH COOPERATION

**Project news**

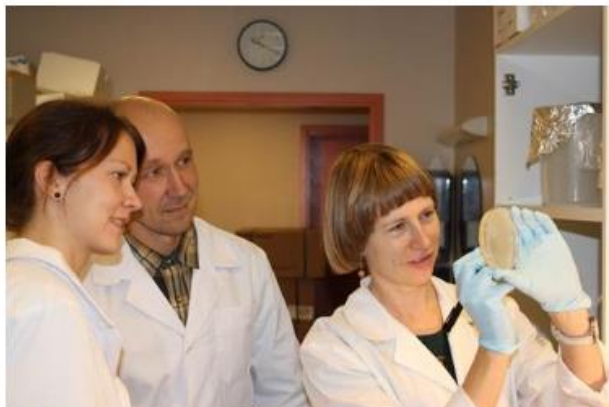
[Key facts](#)

"There are many sad stories of people with little credit who still get credit. This is a huge social problem, and it is not addressed," says Karin Sein, Associate Professor of Law at the University of Tartu.

6.6.2014

The credit market in the Baltic region is characterised by innovative consumer credit. These credit products, often based on mobile phones and the internet, may include extremely high interest rates for the consumer. In Estonia over 30 000 people have problems with debt. There is limited research on this issue and more research is needed to inform government on how to regulate consumer credit.

"The current Estonian legislation on consumer credit is insufficient, but there is hope it will get better," says Sein.



Tambet Teesalu (in the middle) from the University of Tartu. Photo: Kaarel Kurm

## JOINING ESTONIAN AND NORWEGIAN RESEARCH EXPERTISE

"With our project we are going to a new level of understanding how the brain makes sense of speech," says professor Kenneth Hugdahl.

28.12.2013

This understanding can help in finding treatment to neurological conditions.



Hugdahl, professor in biological psychology at the University of Bergen (Norway), participates in one of 13 research projects that will receive support from the Research programme in Estonia, funded by the Norway Grants.

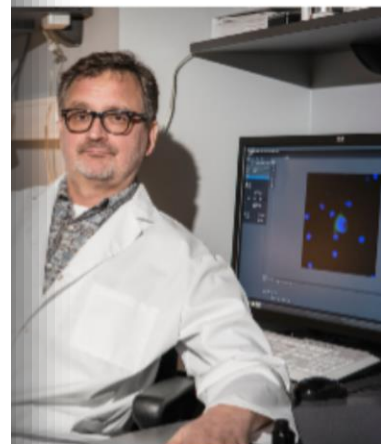
The University of Tartu (Estonia) and the University of Bergen (Norway) are partners in this research project. The project explores the fundamental mechanisms that enable our brains to process auditory sounds.

"This can have important consequences for the understanding of second language learning and for treating auditory hallucinations," explains Hugdahl.

### Exploring speech processing

A central objective of the research is to unravel how different brain mechanisms of speech processing are determined by certain characteristics of the language. Risto Näätänen, principal investigator from the University of Tartu, highlights the impacts of specific differences in the Estonian and Norwegian language, but also more general brain mechanisms:

"The project examines the impact of different molecules which play an important role in the functioning of the brain. In particular it looks at the impact of molecules vital to learning, memory and higher thinking. The project is expected to achieve deepens understanding of the molecular mechanisms that support different brain functions and ultimately help us to find more effective treatments for different mental disorders."



... Tallinn University of Technology. Photo:

## ... ESTONIAN RESEARCH

... help us understand the basis for mental disorders such as depression and anxiety. Photo: Anis Timmusk from the Tallinn University of Technology.



Cooperation programme supports high research capacity and stimulates long-term research in Estonia. The programme receives €3 million in research project enhances Estonia's competitive growth and helping it to meet its European targets.

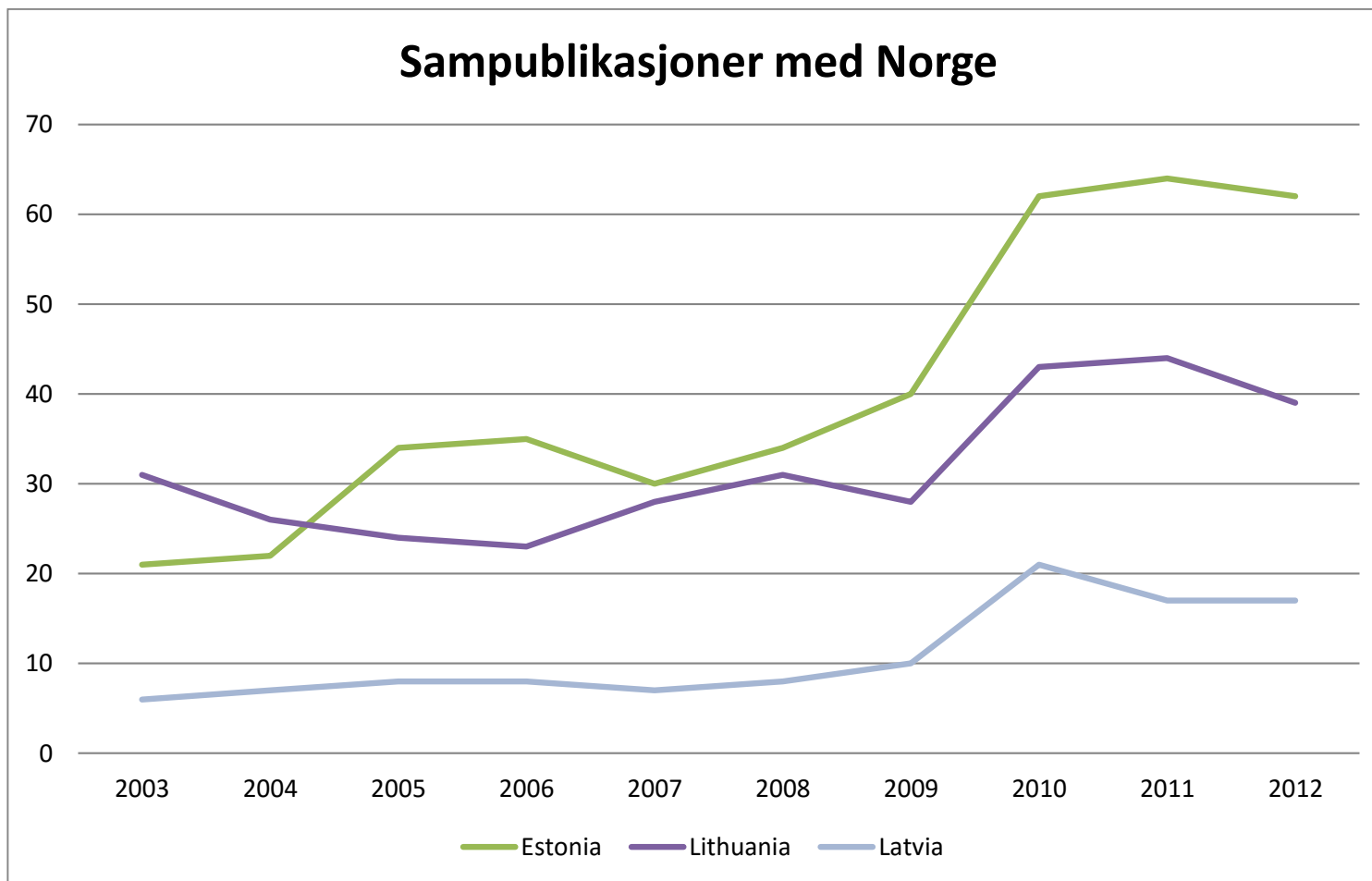
... ed examines the impact of different molecules which play an important role in the functioning of the brain. In particular it looks at the impact of molecules vital to learning, memory and higher thinking. The project is expected to achieve deepens understanding of the molecular mechanisms that support different brain functions and ultimately help us to find more effective treatments for different mental disorders."

# Long term bilateral cooperation?

- 2007-2011
  - Research projects – «collected» by ETAG
  - Scholarships
- 2011-2017
  - Estonian-Norwegian Research Programme
  - Estonian-Norwegian Scholarship Programme
- 2018-2025???
  - Negotiations ongoing...

# Co-publications with a Norwegian author

source: Scopus/ScienceMetrix 2014



# Connecting



## OUTREACH

- Welcome
- Atl
- Introduc
- Jes
- Program
- Coffee b
- Panel dis
- Receptio



eeagrants.org

NEWS WHO WE ARE WHAT WE DO WHERE WE WORK HOW TO APPLY PARTNERSHIPS RESULTS & DATA

**News**  
**BUILDING RESEARCH COOPERATION**  
 This week, the operators of the bilateral research programmes funded through the EEA and Norway Grants gathered in Brussels with their Norwegian and Icelandic partners to showcase their experiences and discuss the future.

**NEWS**  
 04.06.2015 • News  
 Solving water supply problems for Hungarian farmers

02.06.2015 • News  
 A call for bids for a mid-term review of the EEA and Norway Grants is now open.

*We strengthen bilateral relations with 16 EU countries and reduce economic and social disparities in the European Economic Area*

 NORWAY  ICELAND  LIECHTENSTEIN



- › 5 programmes
- › 145 international projects 2012-2017
- › 123 million EUR
- › More than 1500 researchers from 7 countries



[www.eeagrants.org](http://www.eeagrants.org)