

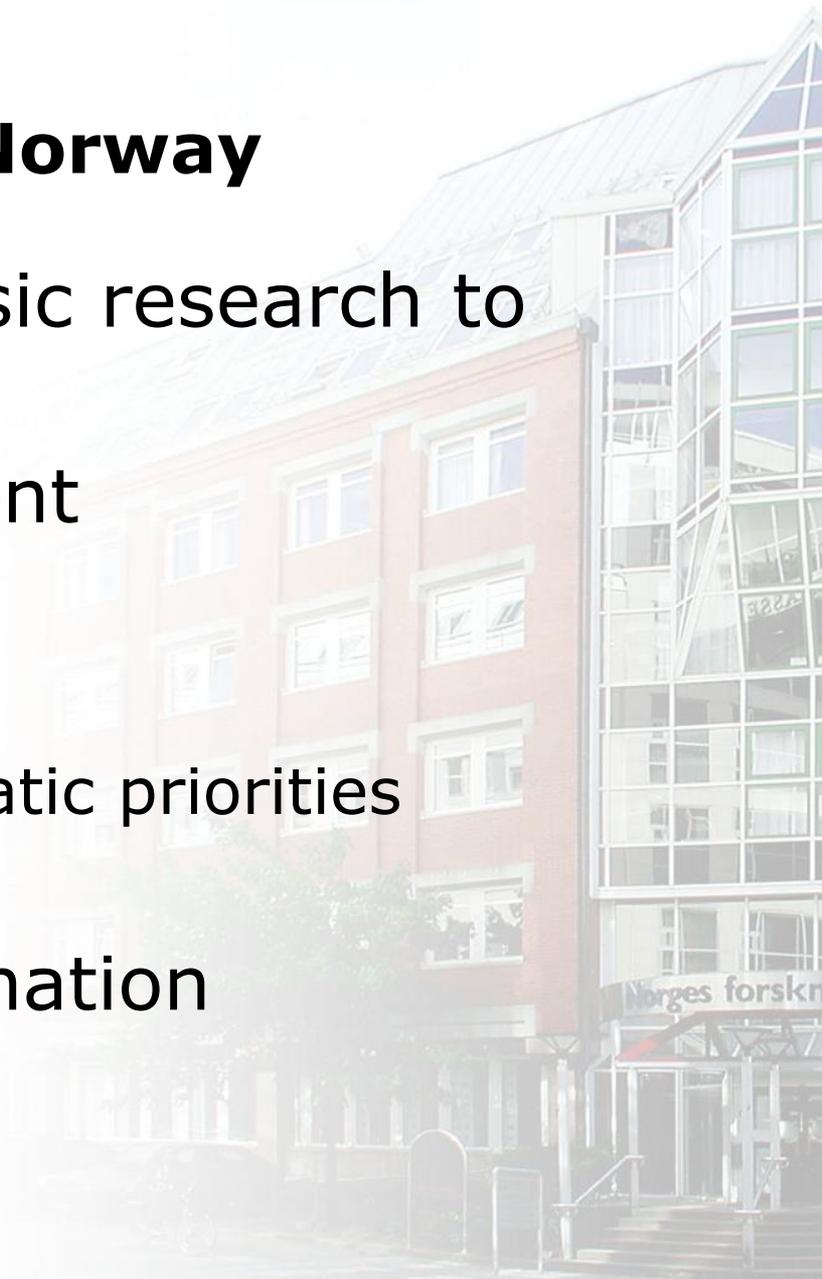
Norwegian Research Landscape Bucharest, December 2013

Aleksandra Witczak Haugstad, senior adviser
Research Council of Norway

Who are we?

The Research Council of Norway

- Cover all fields, from basic research to development
- Adviser to the government
- Research funding
 - Support basic research
 - Implement national thematic priorities
 - Support private R&D
- Networking and dissemination
- Internationalization



Our role in EEA and Norway Grants

Donor Programme Partner in research

- advises on programme development and implementation
- facilitates contact and information flow
- nominates Norwegian members of Programme Committee (PC)
- observer status in PC

Flow of good practice

- Latvia
- Norway
- Estonia
- Poland
- Hungary
- Czech Republic
- Romania



NORWEGIAN RESEARCH POLICY AND PRIORITIES

The Council is a Key Player in the National Research and Innovation System



Council Strategy

Dialogue
and Policy
Developme



Government White Paper

Research priorities and challenges - as defined by the White Papers



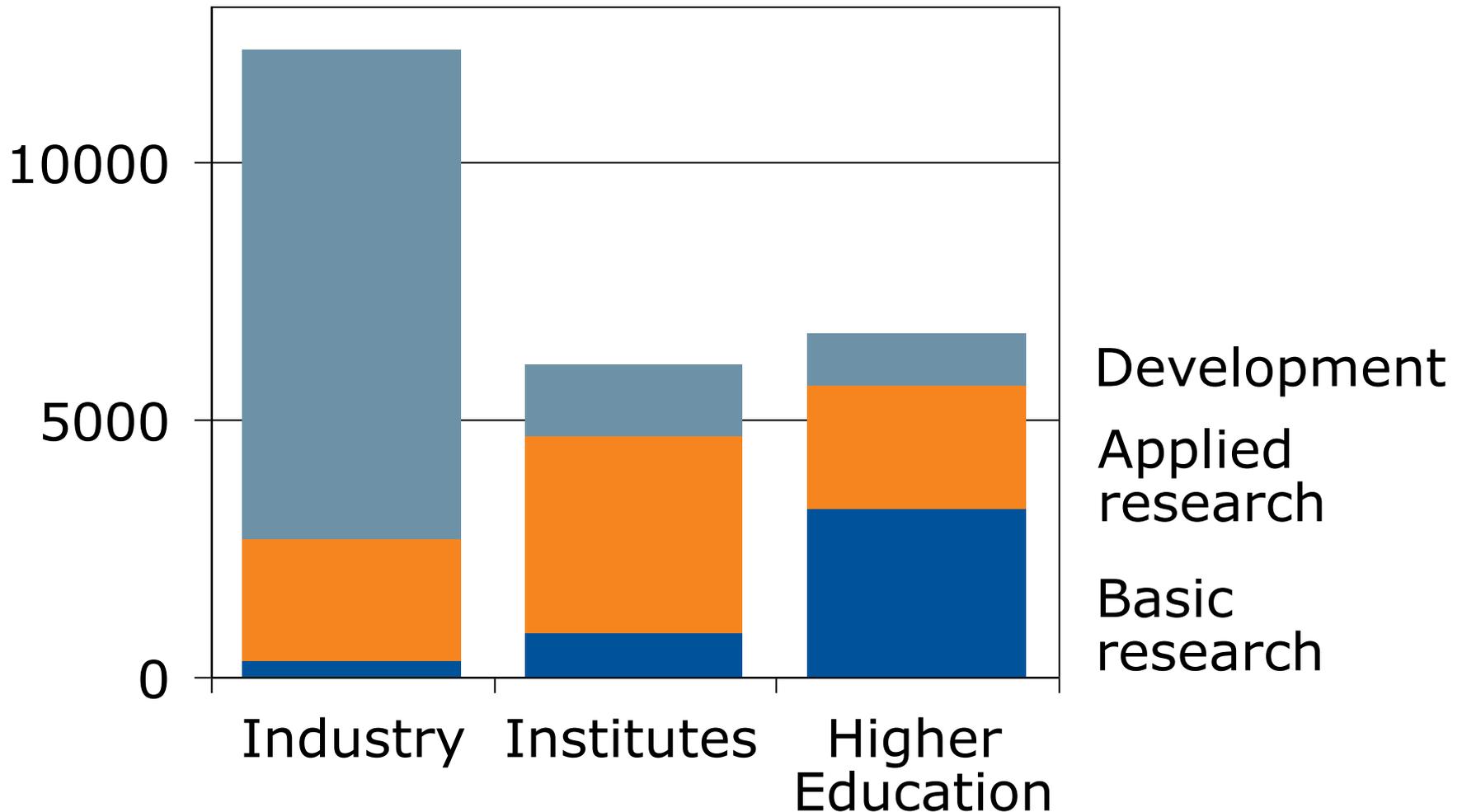
R&D IN NORWAY

Who performs R&D in Norway?

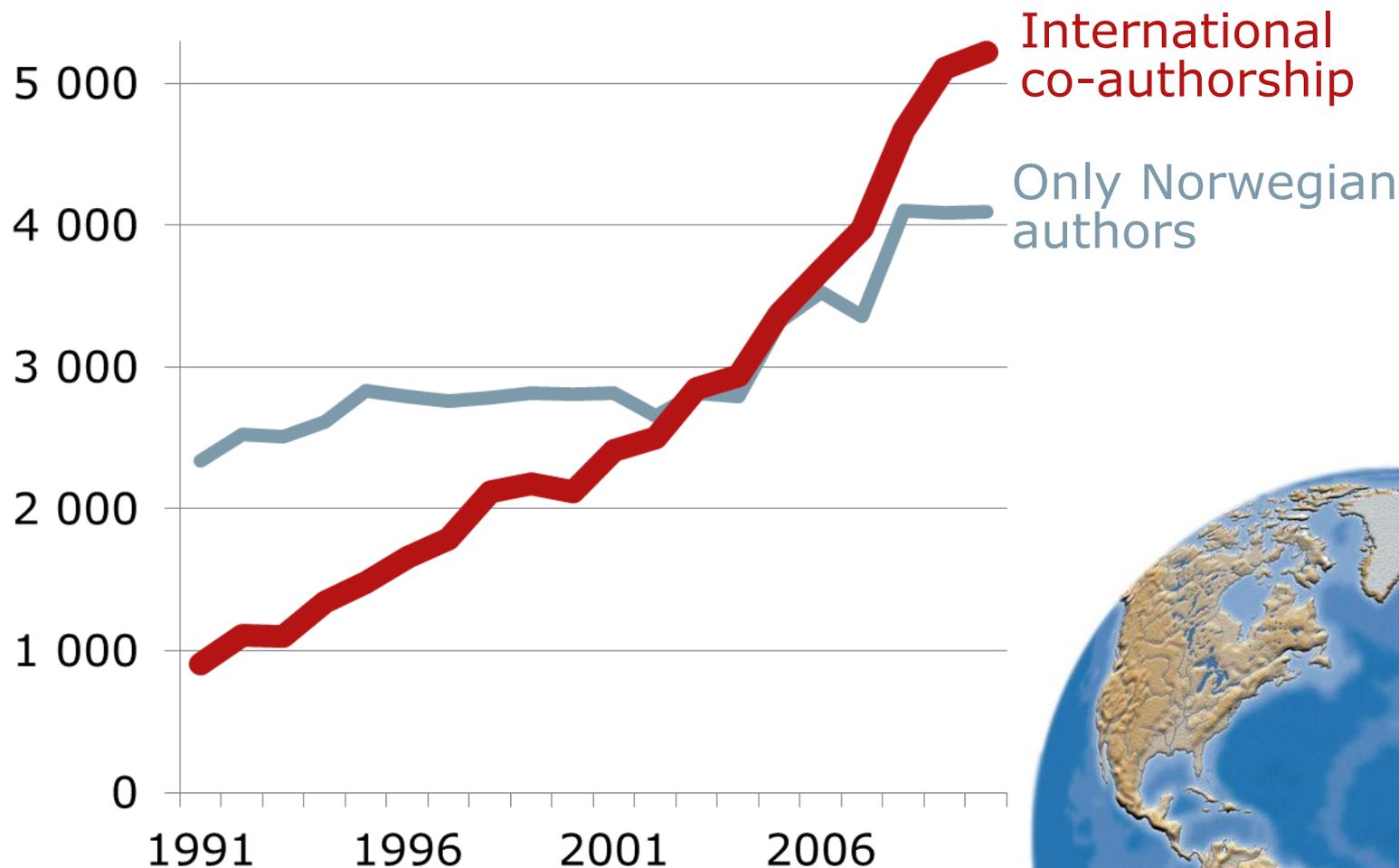
- Higher education institutions
 - universities and university colleges
 - universities have responsibility for basic research and researcher training
- Research institutes
 - research in cooperation with trade and industry
- Regional health authorities
 - university hospitals are research intensive
- Public institutions
 - Museums, libraries and archives
- Business sector
 - Large companies
 - SMEs



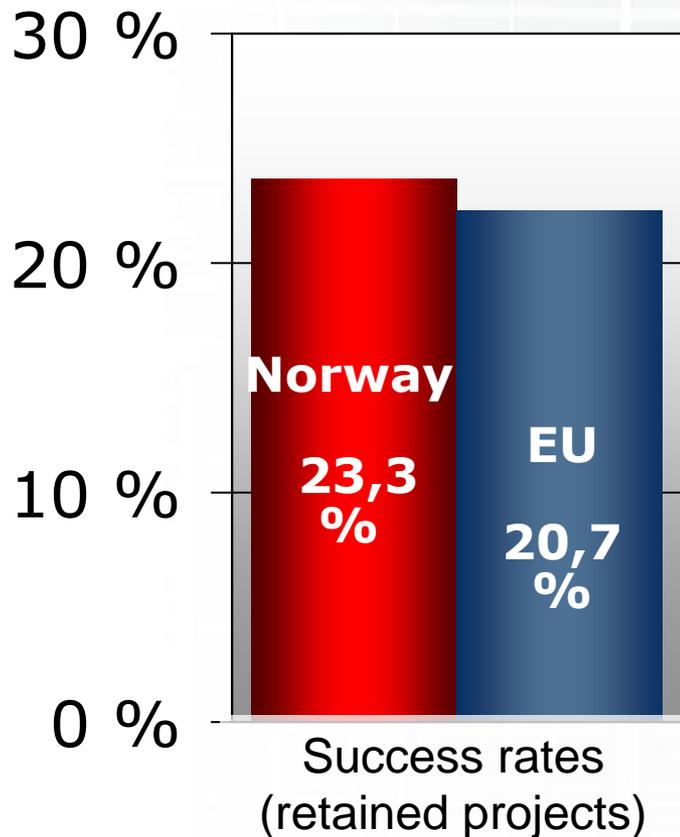
Three different research sectors with different roles



More international research collaboration- articles with Norwegian author(s)



C. Norwegian participation in EU FP7 (as per March 2013)



- Norway participates in over 6 % of all FP7 projects
- 1218 Norwegian projects retained
- 23% of those projects are coordinated from Norway
- EU-contribution 4,2 billion NOK
- about 5300 researchers from Norwegian institutions involved
- Collaborative relationships with 121 countries



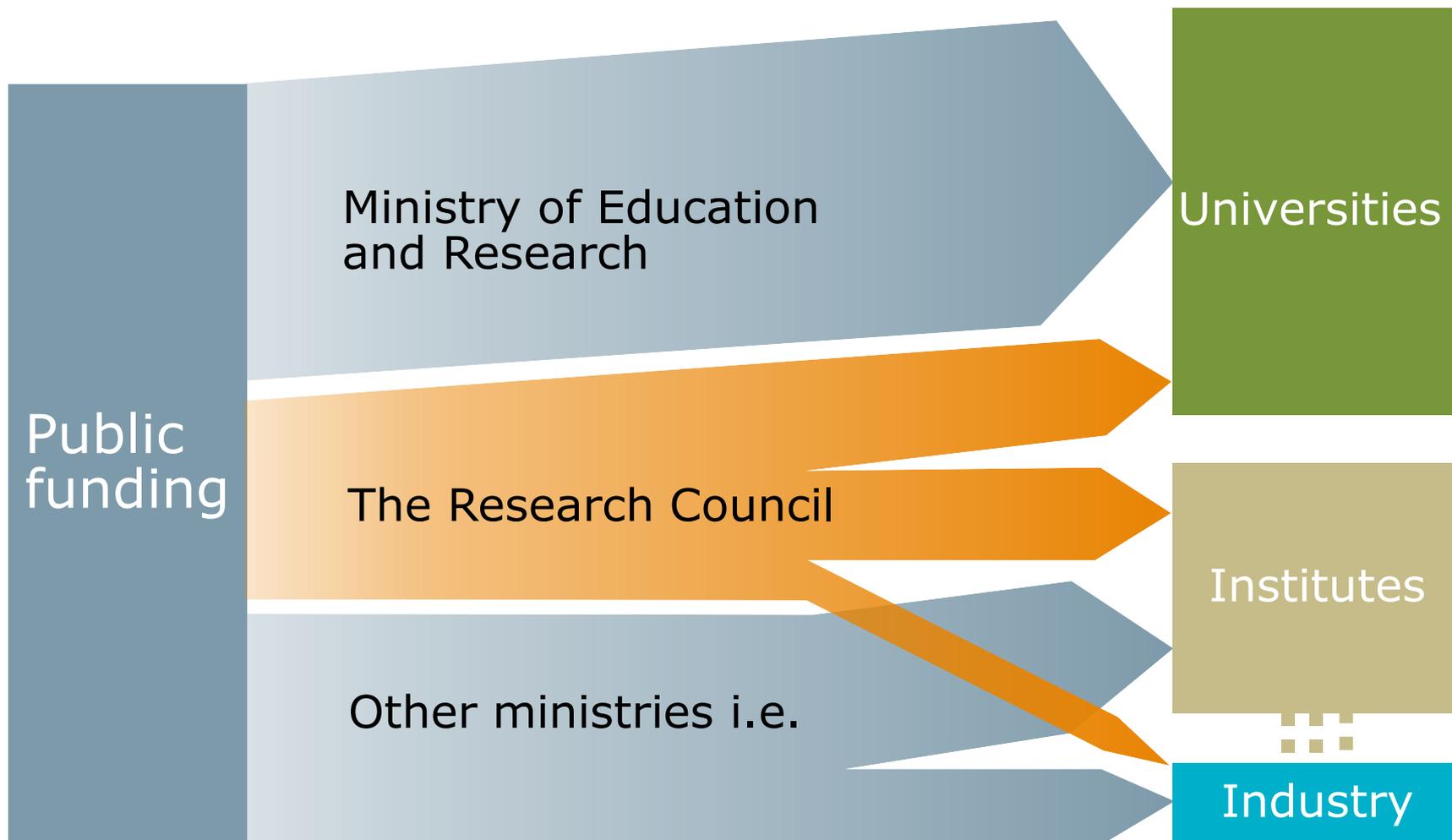
C. R&D institutions with the highest number of EU FP7 participations (2012 numbers)

1. Sintef (95 participations, 60,4 mill EUR)
2. University of Oslo
3. University of Bergen
4. Norwegian University of Science and Technology
5. Research Council of Norway
6. Norwegian Institute for Air Research
7. National Institute of Technology
8. University of Tromsø
9. Institute of Marine Research
10. Norwegian Meteorological Institute
11. Nansen Center (NERSC)
12. Oslo University Hospital



THE RESEARCH COUNCIL OF NORWAY

The Research Council canalises nearly 30 % of public funding of Norwegian R&D



HORIZON 2020

*Research and
Innovation*

The Research Council and... Excellent Science



The Research Council of Norway

Independent projects (FRIPRO)

HOME PAGE

- About FRIPRO
- Assessment of grant applications
- Expert Committees
- Contact
- News

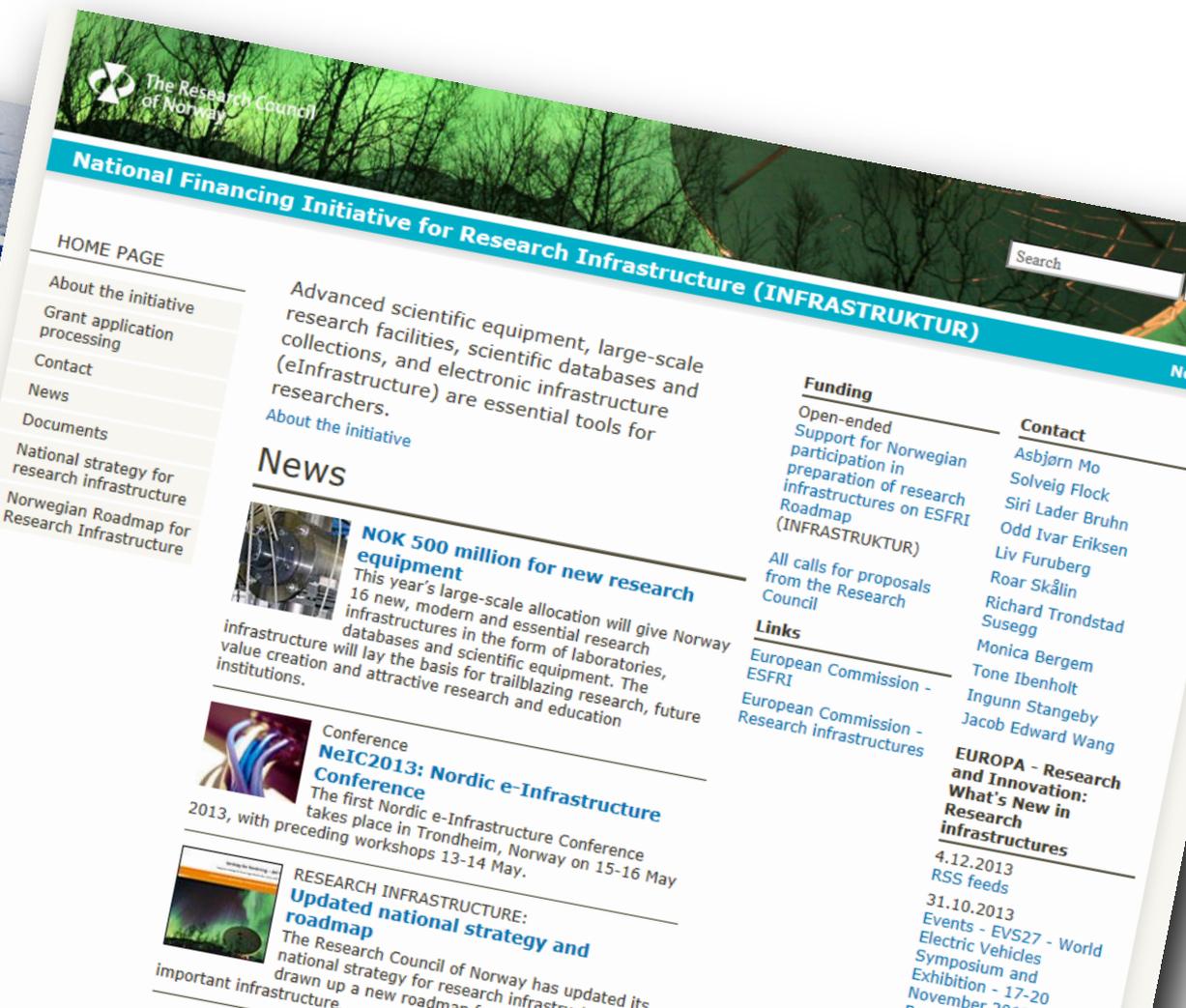
The FRIPRO funding scheme provides independent projects in an open and competitive arena on the basis of merit.

News

The FRIPRO scheme: applications for more
Both the overall amount of the number of grant applications under the Funding Scheme for Research Projects (FRIPRO) increased by 20% in 2013.

FRIPRO funding scheme: NOK 300 million for Young Research Talent
Norway's Ministry of Education and Research approved an additional NOK 300 million for three years for the Research Talent Scheme for 2013. Eight universities are matching that amount.

Record number of applications for FRIPRO project funding
Nine out of 10 of all grant applications for the 29 May deadline were funded under the FRIPRO scheme for independent research projects (FRIPRO).



The Research Council of Norway

National Financing Initiative for Research Infrastructure (INFRASTRUKTUR)

HOME PAGE

- About the initiative
- Grant application processing
- Contact
- News
- Documents
- National strategy for research infrastructure
- Norwegian Roadmap for Research Infrastructure

Advanced scientific equipment, large-scale research facilities, scientific databases and collections, and electronic infrastructure (eInfrastructure) are essential tools for researchers.

News

NOK 500 million for new research equipment
This year's large-scale allocation will give Norway 16 new, modern and essential research infrastructures in the form of laboratories, databases and scientific equipment. The value creation and attractive research and education infrastructure will lay the basis for trailblazing research, future value creation and attractive research and education institutions.

Conference NeIC2013: Nordic e-Infrastructure Conference
The first Nordic e-Infrastructure Conference takes place in Trondheim, Norway on 15-16 May 2013, with preceding workshops 13-14 May.

RESEARCH INFRASTRUCTURE: Updated national strategy and roadmap
The Research Council of Norway has updated its national strategy for research infrastructure and drawn up a new roadmap for important infrastructure.

Funding

- Open-ended Support for Norwegian participation in preparation of research infrastructures on ESFRI Roadmap (INFRASTRUKTUR)
- All calls for proposals from the Research Council

Links

- European Commission - ESFRI
- European Commission - Research infrastructures

Contact

- Asbjørn Mo
- Solveig Flock
- Siri Lader Bruhn
- Odd Ivar Eriksen
- Liv Furuberg
- Roar Skålin
- Richard Trondstad
- Susegg
- Monica Bergem
- Tone Ibenholt
- Ingunn Stangeby
- Jacob Edward Wang

EUROPA - Research and Innovation: What's New in Research Infrastructures

- 4.12.2013 RSS feeds
- 31.10.2013 Events - EVS27 - World Electric Vehicles Symposium and Exhibition - 17-20 November 2013

Norwegian Centers of Excellence

Excellent Science

Theoretical chemistry

Arctic Gas Hydrate

Autonomous Marine Operations

Molecular Inflammation

Neural Computation

Biodiversity Dynamics

Geo- biosphere

Space Science

Maternal and

Child Health

Cancer Biomarkers

Economics

Mind in Nature

Ecology

Cancer biomedicine

Immune regulation

Biomedicine and IT

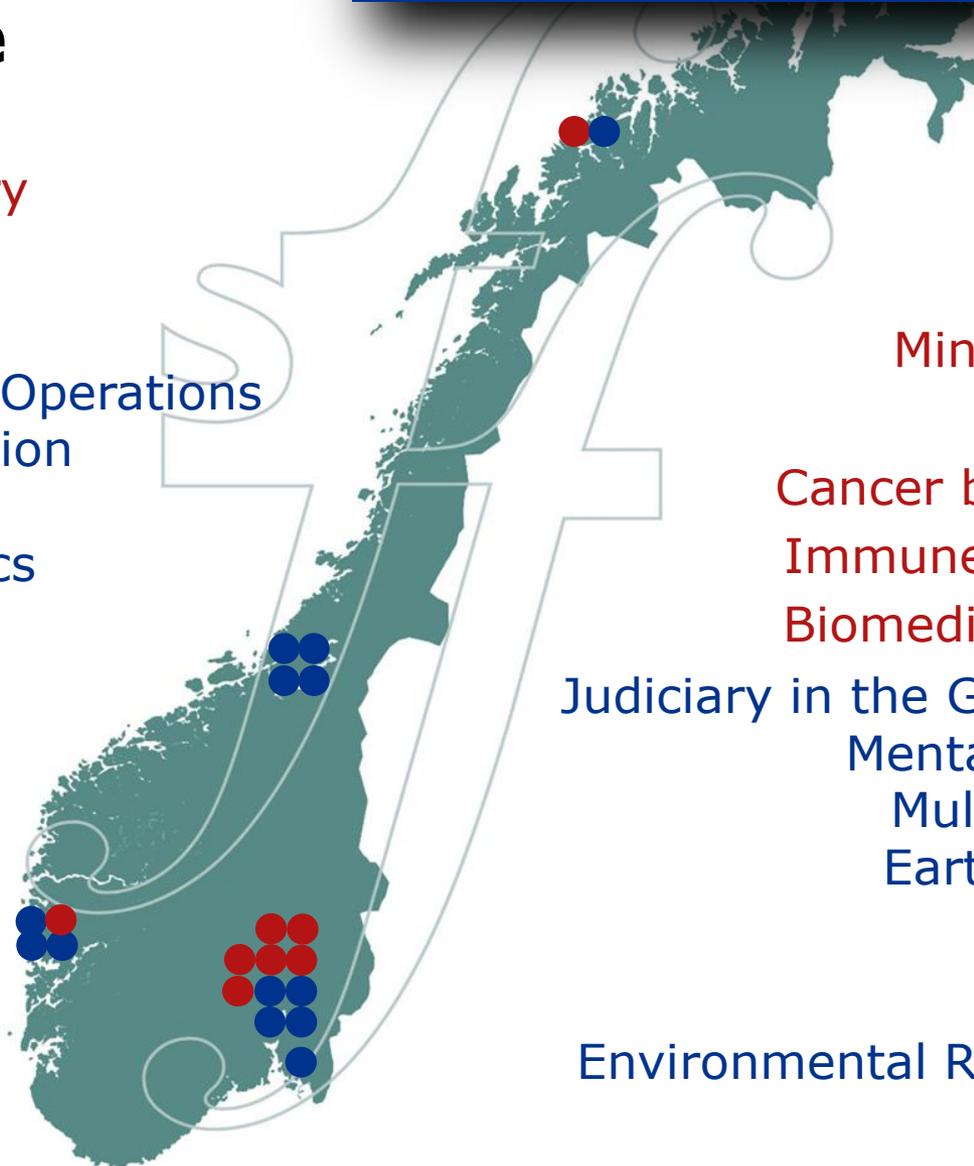
Judiciary in the Global Order

Mental Disorders

Multilingualism

Earth Evolution

Environmental Radioactivity



The Research Council and... Competitive Industries



BIA

User-driven research-based innovation
395 mill. NOK



BIONÆR

Sustainable innovation in bio-based industries
238 mill. NOK



MAROFF

Maritime businesses & offshore operations
134 mill. NOK



SMARTRANS

Intelligent Freight Transport
21 mill. NOK



GASSMAKS

Enhancing the natural gas value chain
40 mill. NOK



CLIMIT

R&D and demonstration of Carbon capture & storage
90 mill. NOK



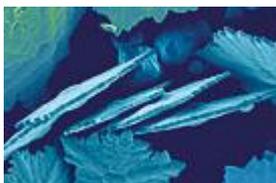
Biotek2021

Biotechnology for innovation
144 mill. NOK



VERDIKT

Core Information & Communications Tech
153 mill. NOK

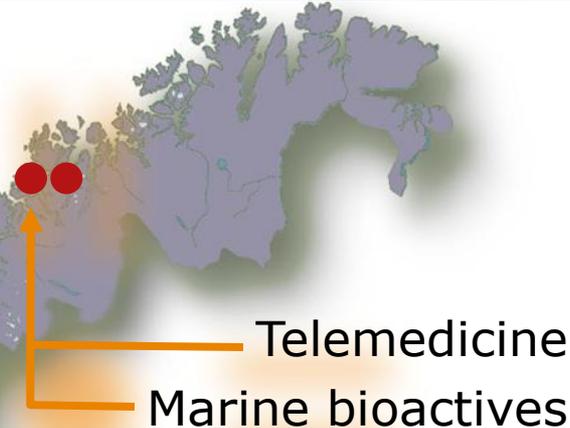


NANO2021

Nanotechnologies & advanced materials
112 mill. NOK

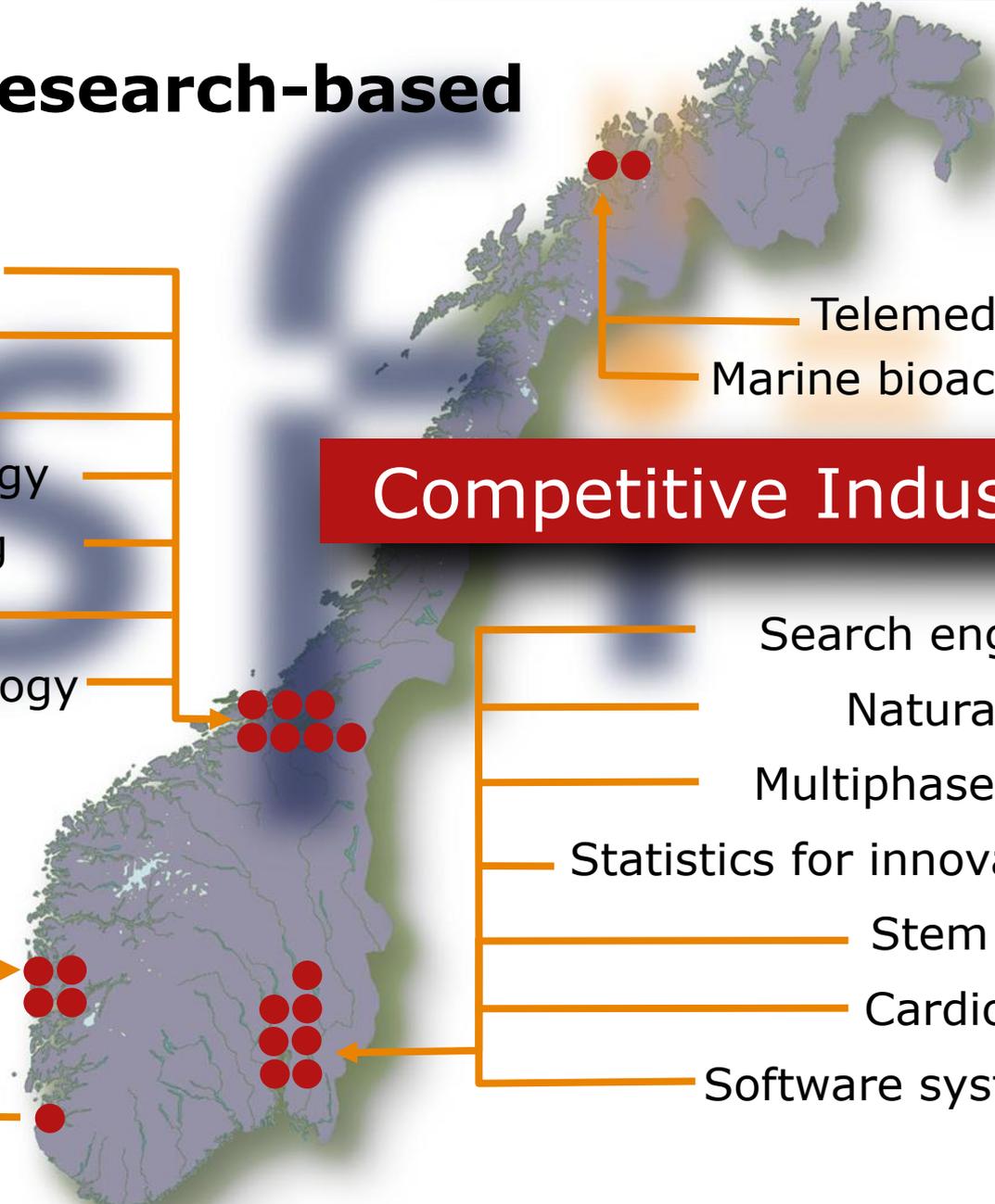
Centres for Research-based Innovation

- Petroleum operations
- Concrete
- Medical imaging
- Aquaculture technology
- Future manufacturing
- Structural impact
- Arctic marine technology
- Measurement technology
- Service innovation
- Sustainable fish capture
- Salmon louse
- Drilling and well technology



Competitive Industries

- Search engines
- Natural gas
- Multiphase flow
- Statistics for innovation
- Stem cells
- Cardiology
- Software systems



The Research Council and... Societal Challenges

Large-scale Programmes addressing Societal Challenges



PETROMAKS
Optimal management
of petroleum resources
247 mill. NOK



NORKLIMA
Climate change and its
consequences for Norway
149 mill. NOK



HAVBRUK
Aquaculture –
a growing industry
120 mill. NOK



RENERGIX
Clean energy
for the future
386 mill. NOK

In addition to programmes on Health, Education, Security...

Centres for Environment-friendly Energy Research

Societal Challenges

Climate, energy
and industry

CO₂ capture
and storage

Offshore
wind technology

Offshore
wind energy
CO₂ storage

Renewable
energy systems

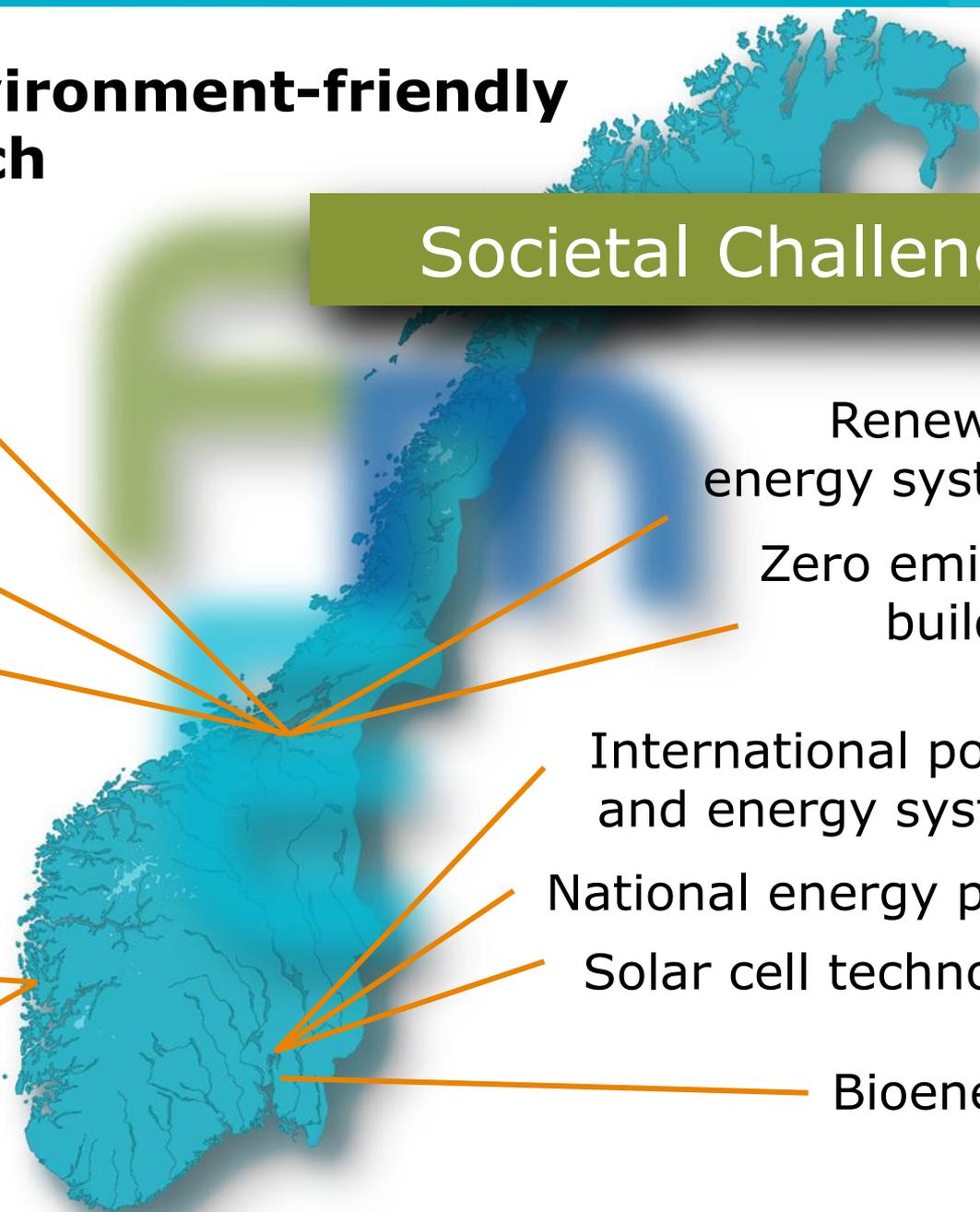
Zero emission
buildings

International politics
and energy systems

National energy policy

Solar cell technology

Bioenergy



Horizontal activities

Gender, Ethics, Mobility

The Research Council of Norway

Ethical, Legal and Social Aspects of biotechnology

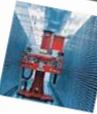
HOME PAGE

- Programme description
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In 2008 the Research Council of Norway launched the ELSA-programme for research on ethical, legal and social aspects of new technologies. The focus on biotechnology, nanotechnology, cognitive science, the programme is an exciting avenue of study, with many significant challenges.

[More about the programme](#)

News

-  Programme launch **Human biobank**
Norwegian biobank resource. The Research Council is launching a new human biobanks.
-  New instructional **Instructional application system**
A simple video is available on the Research Council website.

processed.
[Video: How to apply for funding](#)

Board member invite
Ruth Chadwick was invited to the programme Ver...

FORSKNINGSETISKE

You are here: [Home](#) / [In English](#)

Etikkom

The Research Council of Norway

Gender balance in senior positions and research management (BALANSE)

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- Programme description
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The Initiative on Gender Balance in Senior Positions and Research Management (BALANSE) seeks to promote gender balance at the senior level in Norwegian research through new knowledge, learning and innovative measures.

News

-  First grants from the BALANSE initiative: **Gender equality grants to three research institutes and one university**
The Research Council of Norway's Initiative on Gender Balance in Senior Positions and Research Management (BALANSE) has awarded its first project funding. Three independent research institutes and one university can now implement new gender equality activities.
-  **First funding announcement under the BALANSE initiative**
The Research Council of Norway is announcing the first call for proposals under its Initiative on Gender Balance in Senior Positions and Research Management (BALANSE).

Funding

All calls for proposals from the Research Council

Related programmes

Euraxess Norway (EURAXESS)

Horizontal activities

Social Sciences and Humanities



The Research Council of Norway

Europe in Transition (EUROPA)

HOME PAGE

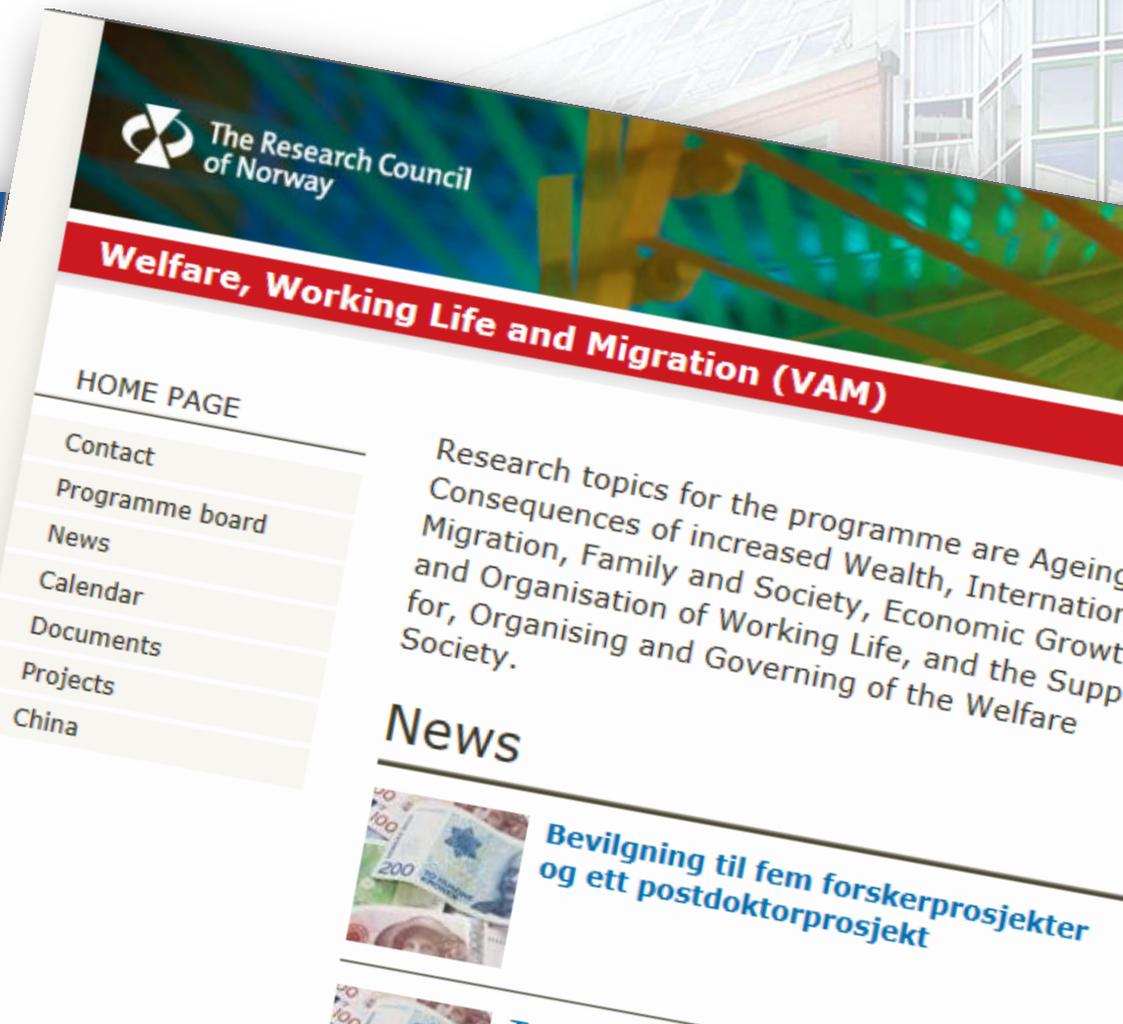
- About the programme
- Contact
- Programme board
- News
- Calendar
- Documents

Europe in Transition (EUROPA) is the Research Council of Norway's research initiative on transition processes in Europe and how these processes affect Norway. The initiative aims to promote high-quality European research over a period of ten years (2007-2017).

News

 Norwegian researchers for **Seeking new knowledge in the European crisis**
The financial crisis in European countries that have been hit hard has raised questions about the impact of the crisis on democracy and employment in the longer term in EU countries and for a country such as Norway.

Steering group, Phase 2 (2013)
The board of the Division of Science has appointed a steering group for phase 2 of "Europe in Transition".



The Research Council of Norway

Welfare, Working Life and Migration (VAM)

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- Projects
- China

Research topics for the programme are Ageing and Consequences of increased Wealth, International Migration, Family and Society, Economic Growth and Organisation of Working Life, and the Support for, Organising and Governing of the Welfare Society.

News

 **Bevilgning til fem forskerprosjekter og ett postdoktorprosjekt**



Infrastructure

A roadmap for investment

National Financing Initiative for Research Infrastructure

- 40 projects funded so far
- Promote cooperation with best international research groups
- Secure equal access to infrastructure

Example of implemented large-scale facility:

- Biobank Norway
(NTNU, UiT, UiO, UiB, FHI, 4 Regional Health Authorities)



FINDING PARTNERS IN NORWAY

Frequently received letters/mails

Dear RCN,
We are a Romanian
research group looking for
contact with Norwegian
partner, could you
recommend a suitable
institution or company?

Dear RCN,
We are Norwegian
research group and
have been contacted
by 2 Romanian
research institutions
looking for
cooperation, what
should we do?

Who are the potential Norwegian partners?

A. Higher education institutions

- 8 universities
- 9 specialised university institutions
- 20 state university colleges

B. 51 research institutes

- Technology and industry
- Environment
- Society
- Regional
- Primary sector

C. Institutions with international orientation

D. Centres of excellence or special priority



Finding a partner in Norway

- Register in the partner search database
- Look up who is looking for partners in Romania
- Other resources for finding suitable partners
 1. List of accredited HEIs
 2. Subject specific evaluations of Norwegian research
 3. Publications
- Take contact directly

INTERNATIONAL

[The Nordic region](#)[Europe](#)[EU Research](#)[European Research Area \(ERA\)](#)[EEA Grants - Norway Grants](#)[The role of RCN](#)[Partner search database](#)[Poland](#)[Hungary](#)[Romania](#)[Czech Republic](#)[Latvia](#)[Estonia](#)

Partner search

Tools and advice for finding partners for cooperation within the EEA/Norway Grants research programmes - between Norway and Poland, Hungary, Romania, Czech Republic, Latvia and Estonia.

How to find a partner in Norway- step by step

- Advertise your interest by registering in the database
- Identify potential partners institution or research groups through the database and/or use the list, catalogue and disciplines evaluation (menu to the right)
- Use the institution webpage or the contact listed in the database to make a direct personal contact with your preferred partner.

How to find a partner in an EEA program country- step by step

- Advertise your interest by registering in the database
- Attend programme launches and Matchmaking Events
- Contact potential partners

Useful information

[Evaluations of Norwegian scientific disciplines](#)[Norwegian research system](#)

Other websites

[Catalogue of research institutes in Norway](#)[List of accredited higher education institutions in Norway](#)

Contact

[Aleksandra Witczak Haugstad](#)

Share



Send to a friend



Partner Search Database (excel)

File Hjem Sett inn Sideoppsett Formler Data Se gjennom Visning Tillegg

Beskyttet visning Filen kom fra en plassering på Internett og kan være usikker. Klikk for mer informasjon. Aktiver redigering

H3 fx

A B C D E F G H I J K L M Formellinje O P Q R

1 List of institutions, enterprises and individual researchers looking for partners in Latvia, Hungary, Romania, Estonia, Poland and the Czech Republic
2 Please note that the call for proposals for cooperation with Poland and Estonia are now closed.
3 Find your partners in 4 steps 
4 Clic under the arrow and choose your options. NB! Enable editing and make sure the filter function is on (row 8).
5 Step 1: I look for partners in... **Step 2: Select those looking for contact with your country** **Step 3: Find partners interested in your research area**
6
7

*Click on arrow by your own country, unselect (empty/tomme). *Unselect empty/tomme entries in your chosen area.

Partner country:	CZ	EST	HUN	ICE	LAT	LICH	NOR	POL	ROM	Other	Health & Medicine	Environment, Climate & Energy	Social Sciences, Humanities & Gender	Food, Agriculture & Fisheries, Biotechnology	ICT	Nano, Materials & Production Technology	Natural Sciences
222 Norway	CZ	EST	HUN	ICE	LAT			POL			Health/Med		SSH&G				
223 Norway	CZ	EST	HUN		LAT			POL	ROM		Health/Med		SSH&G				
225 Norway	CZ	EST	HUN	ICE	LAT	LICH	NOR		ROM		Health/Med	ENV/ENRG/CLI	SSH&G		ICT	NANO-TECH	NAT
228 Norway								POL			Health/Med		SSH&G				
234 Norway	CZ	EST	HUN	ICE	LAT			POL	ROM		Health/Med	ENV/ENRG/CLI	SSH&G		ICT	NANO-TECH	NAT
237 Norway	CZ		HUN		LAT						Health/Med		SSH&G				
239 Norway		EST	HUN								Health/Med		SSH&G		ICT		
240 Norway	CZ	EST	HUN		LAT			POL	ROM		Health/Med	ENV/ENRG/CLI	SSH&G	BIO	ICT		NAT
242 Norway	CZ	EST	HUN		LAT	LICH		POL	ROM		Health/Med	ENV/ENRG/CLI	SSH&G		ICT		
251 Norway	CZ					LICH	NOR	POL	ROM	* Spain	Health/Med		SSH&G				
252 Norway								POL			Health/Med	ENV/ENRG/CLI	SSH&G				
253 Norway	CZ		HUN		LAT			POL	ROM				SSH&G				
258 Norway								POL				ENV/ENRG/CLI	SSH&G				
260 Norway	CZ	EST	HUN	ICE	LAT	LICH		POL	ROM		Health/Med	ENV/ENRG/CLI	SSH&G			NANO-TECH	NAT
267 Norway	CZ	EST	HUN		LAT			POL	ROM			ENV/ENRG/CLI	SSH&G				

Search for partners Example of search results Abbreviations

Tips for successful partnerships and applications

- Understand each others potential and challenges
- In Norway funding based on results
 - Publications in good international journals
 - Participation in EU framework programmes
 - HEIs - student credits
 - Research institutes a very small «basis budget»
- Negotiate the common project
 - Activities
 - Modes of cooperation
 - Budget
- Attention
 - Ensure institutional support
 - Register the application in good time before deadline

Thank you for your attention

www.rcn.no/eea

awh@rcn.no





More information on Norwegian Research

- Science and technology indicators
 - Research Council publishes a yearly report on science and technology indicators for Norway
- Evaluations
 - Institution evaluations

 - Subject-specific evaluations
 - [Basic Research in ICT](#) (2012)
 - [Biology, Clinical Medicine and Health Science](#) (2011)
 - [Geography Research](#) (2011)