

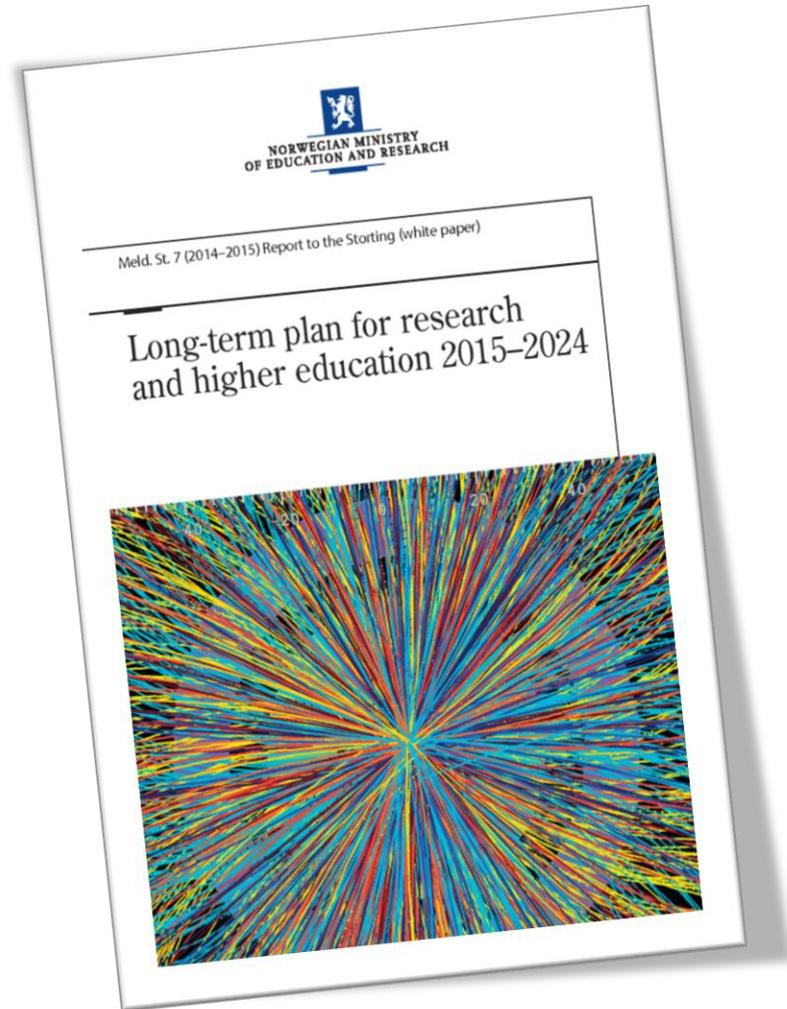
New opportunities in EEA and Norway Grants





National research policy

- National priorities in research policy
- Selected national funding schemes
- Institutional priorities and focus
- Existing strengths

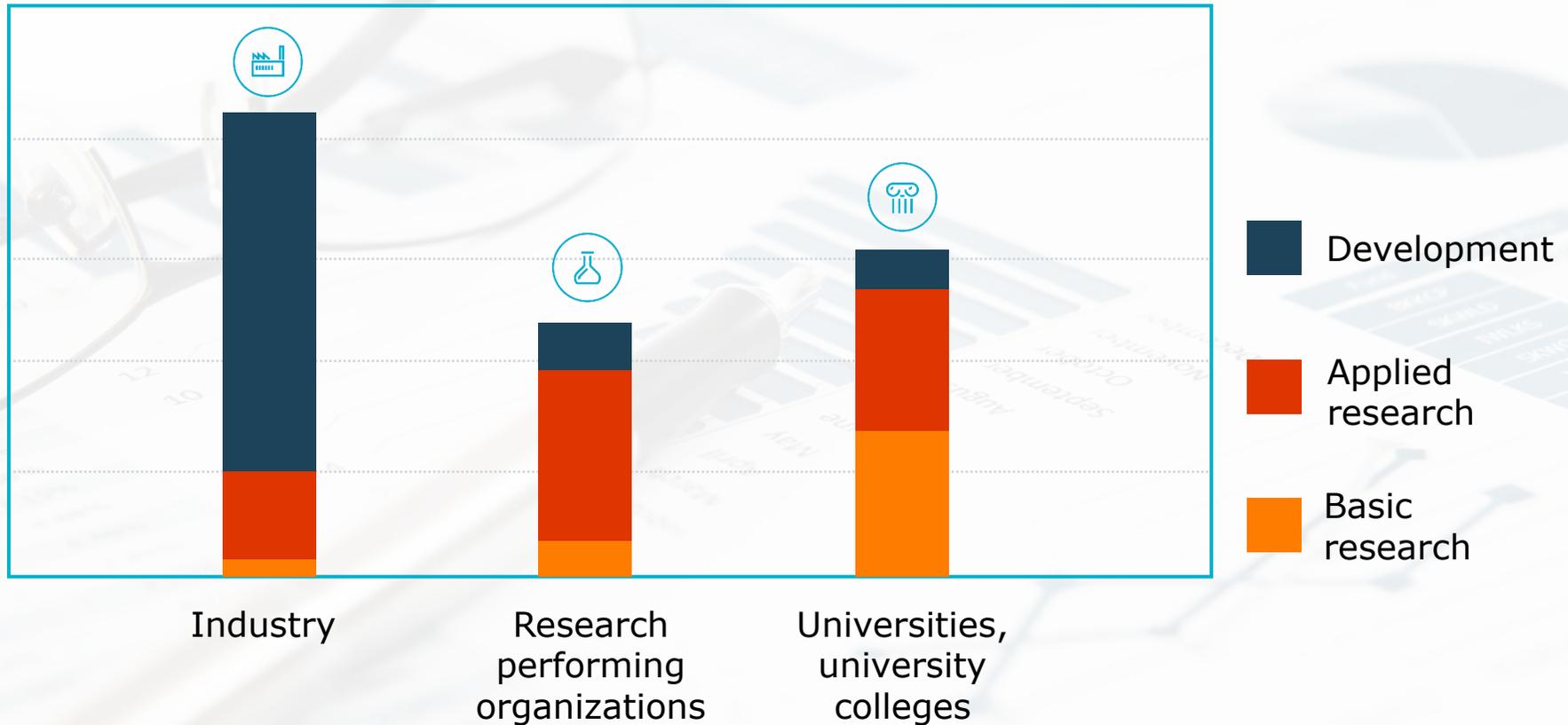


Long-Term Plan for Research and Higher Education

- Enhance competitiveness and innovation
- Tackle major societal challenges
- Research communities of outstanding quality
- Adopted by the Parliament



Research and Development - the actors





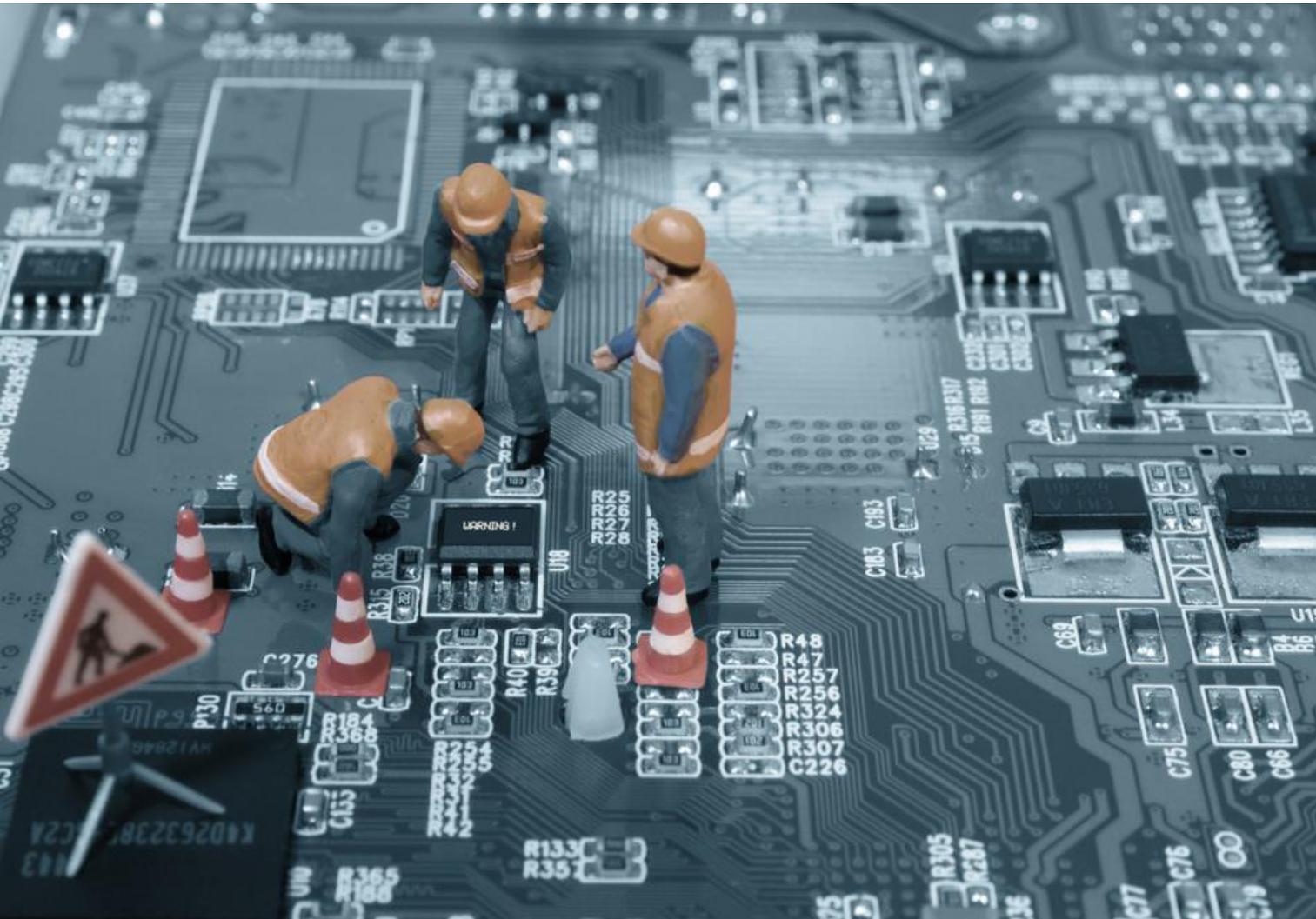
Seas and Oceans

- maritime technology
- petroleum technology
- fishery and aquaculture
- management of ecosystems and resources
- clean seas and healthy seafood



Climate, environment and clean energy

- Technology to solve global climate and energy challenges
- Low-emission society
- Climate-change and adaptation
- Sustainable development



Enabling technologies

- Biotechnology
- Robotics and automatisisation
- ICT
- Nanotechnology



Innovation in the Public Sector and Better Public Services

- Interaction between users, service providers, and researchers
- Public sector as driver and user of innovation
- Welfare, Health and Care
- Education and Life-long Learning



Strong research fields - publication and citation data

- Arctic & Antarctic Research
- Climate Change
- Education
- Environment
- Fisheries & Aquaculture
- Food Sciences
- Health & Care
- Life Sciences
- Marine & Freshwater Biology
- Maritime Research
- Sciences & Humanities
- Welfare & Working Life



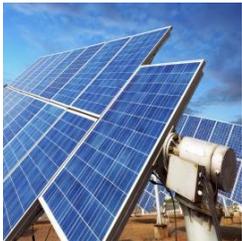
Norwegian Roadmap for Infrastructure - examples from Energy



Norwegian Zero Emission Building Laboratory



National Smart Grid Laboratory



Norwegian Laboratory for Silicon-based Solar Cell Technology



Norwegian Biorefinery Laboratory



Norwegian Fuel Cell and Hydrogen Centre



European Carbon Dioxide Capture and Storage Laboratory

ECCSEL-ESFRI project



Centres of Excellence in Norway – concentration, expertise and cooperation

- Norwegian Centres of Excellence (SFF)
- Centers for Research-based Innovation (SFI)
- Centers for Environment-friendly Energy Research (FME)





Centres for Environment-friendly Energy Research starting in 2017

FME CINELDI – intelligent electricity distribution



FME HighEFF
- energy efficient industry



FME MoZEES
- zero emission energy systems

FME NCCS



FME Solar Cell Technology

FME HydroCen



FME ZEN Centre
- zero emission neighbourhoods in Smart Cities



FME Bio4Fuel



ICE BREAKING R&D VESSEL STATIONED IN TROMSØ



SVALBARD INTEGRATED ARCTIC EARTH OBSERVING SYSTEM



OCEAN SPACE CENTRE, TRONDHEIM



LIFE SCIENCE PARK, OSLO



Ongoing research How to identify quality

- ERC Grants
- Centres for Excellence
- H2020 projects
- National funding

OG21

Foto: Statoil ASA



HelseOmsorg21



energi21

KLIMA21

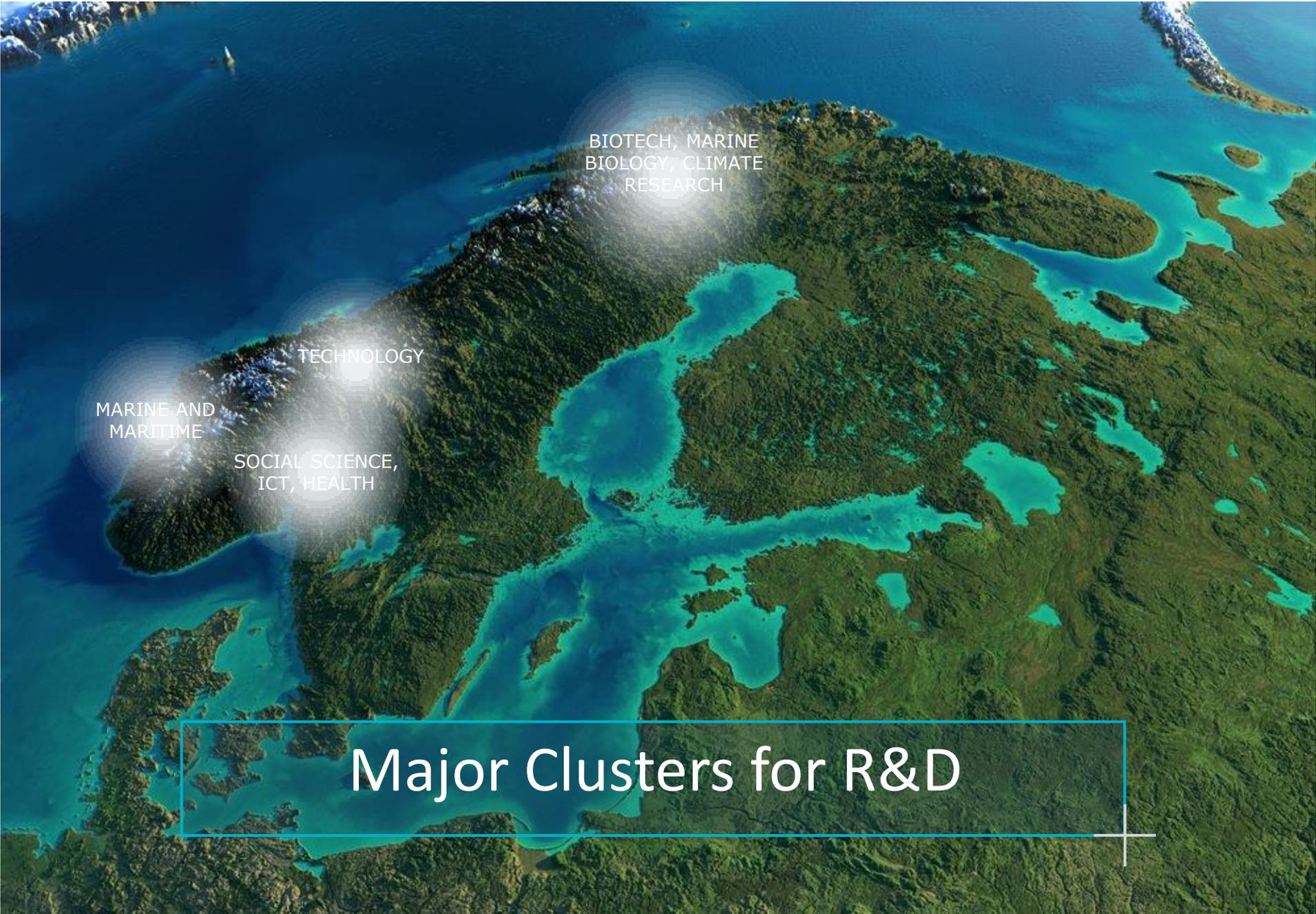


MARITIM21

- en helhetlig maritim forsknings- og innovas

HAV21





BIOTECH, MARINE
BIOLOGY, CLIMATE
RESEARCH

TECHNOLOGY

MARINE AND
MARITIME

SOCIAL SCIENCE,
ICT, HEALTH

Major Clusters for R&D



The Norwegian research landscape

In 2013, Norway's total R&D expenditure amounted to nearly NOK 51 billion. Of this, trade and industry accounted for 44 per cent, the higher education sector for 32 per cent, and the research institute sector for 24 per cent. More than 68 000 people were employed in R&D-related activities in 2013, of which 48 000 were scientists. Of these scientists, 36 per cent were women. R&D expenditure for 2014 amounted to 1.71 per cent of GDP. Forty-six per cent of this expenditure came from public funding.

Escalation of the long-term plan

The Government has set a target for R&D expenditure of three per cent of GDP by 2030. Public allocations to R&D activity will be increased beyond GDP growth each quarter in the upcoming period until they equal one per cent of GDP. The Government is aiming to reach this target by 2019–2020.

HOW IS THE NORWEGIAN RESEARCH SYSTEM ORGANISED?

WHAT ARE THE MAIN ELEMENTS OF NORWEGIAN RESEARCH POLICY?

HOW ARE R&D ACTIVITIES FUNDED IN NORWAY?

Who performs R&D in Norway?

www.euraxess.no

- 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



Questions from Norwegian partners – and reflections

- Mobile grants for networking
- Overhead – 25%
- Time expenses in the institute sector
- Budget share to Norwegian partner
- Evaluation – international experts
- Who is writing the application
- Can PhDs be financed?
- How to find a good partner partner?
- Type of EEA/ Norway Grants Programme?
- The role in the projects?
- Engagement in the application
- Size of budget to Norwegian partner and anchoring for more strategic cooperation
- The contract (Partnership Agreement)
- The end is final



Finding partners

- Database – [open for registration](#)
- Matchmaking
- Bilateral funding for partnership development will be available in the programmes
- Take contact with researchers directly

The screenshot shows the website for the Partner Search Database for EEA and Norway Grants. The header features the Forskningsrådet logo and a search bar. A navigation menu includes links for SØK OM MIDLER, ARRANGEMENTER, NYHETER, POLITIKK OG STRATEGI, INTERNASJONALT, NÆRINGSLIV, and OM FORSKNINGSRÅDET. The main content area is titled "Partner Search Database for EEA and Norway Grants" and includes a sub-header "Kontaktpersoner" with a link to Aleksandra Witczak Haugstad. Below this, there are social media icons for Twitter, Facebook, LinkedIn, and Email. The text describes the database as a resource for researchers looking for partners for research cooperation, and provides information on how to register and the purpose of the database. A photograph at the bottom shows several hands shaking over a table with a laptop and documents, symbolizing collaboration.

Forskningsrådet

Søk i alt innhold

SØK OM MIDLER ARRANGEMENTER NYHETER POLITIKK OG STRATEGI INTERNASJONALT NÆRINGSLIV OM FORSKNINGSRÅDET

Partner Search Database for EEA and Norway Grants

Kontaktpersoner

▶ Aleksandra Witczak Haugstad

Del

Twitter Facebook LinkedIn Email

Tools and advice for finding partners for cooperation within the EEA and Norway Grants research programmes.

How to register

The EEA and Norway Grants Research Partner Database is now receiving submissions. Research institutions, industry and individual researchers are invited to submit basic data and areas of expertise and interests:

[Please register here](#)

The aim of this database is to register interested parties and provide a resource for researchers looking for partners for research cooperation, in view of the upcoming calls for projects under the EEA Grants and Norway Grants research programmes.

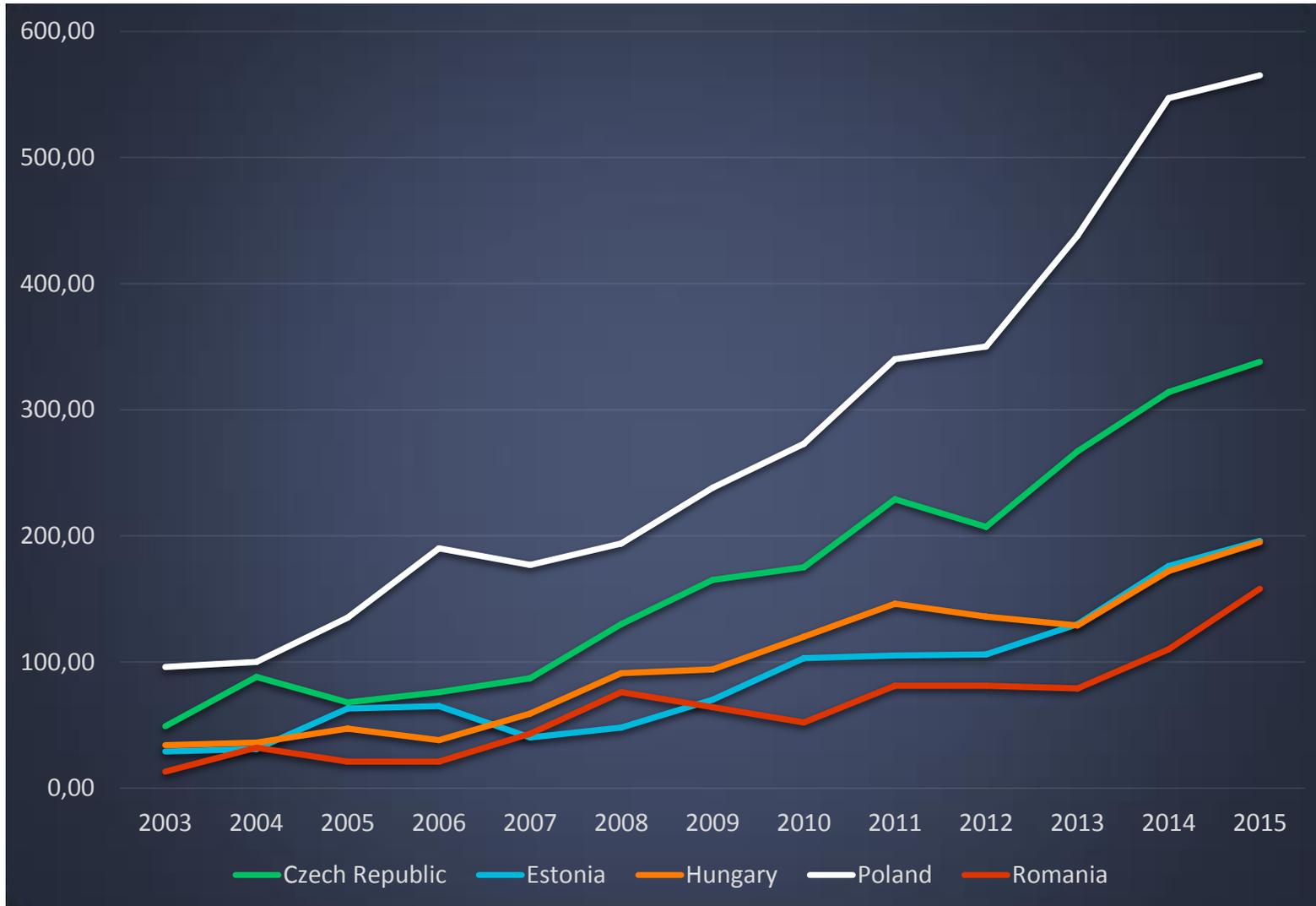
We will also use this database to notify potential applicants of upcoming calls and matchmaking events.

The information you provide will be made publicly available in the form of an Excel workbook posted on this page. The database/workbook will remain public until all calls under this funding period have expired, at the latest in 2024.



What makes a successful partnership in a project?

- Negotiate the common project
 - Activities
 - Modes of cooperation
 - Budget
- Attention!
 - Ensure institutional support
 - Register the application in good time before deadline
- See each others potential and challenges of the Norwegian partners:
 - Evaluation of results are based on publications in international journals
 - Participation in EU framework programmes give credits to Norwegian HEI
 - HEIs - student credits
 - Research institutes a very small «basis financing»

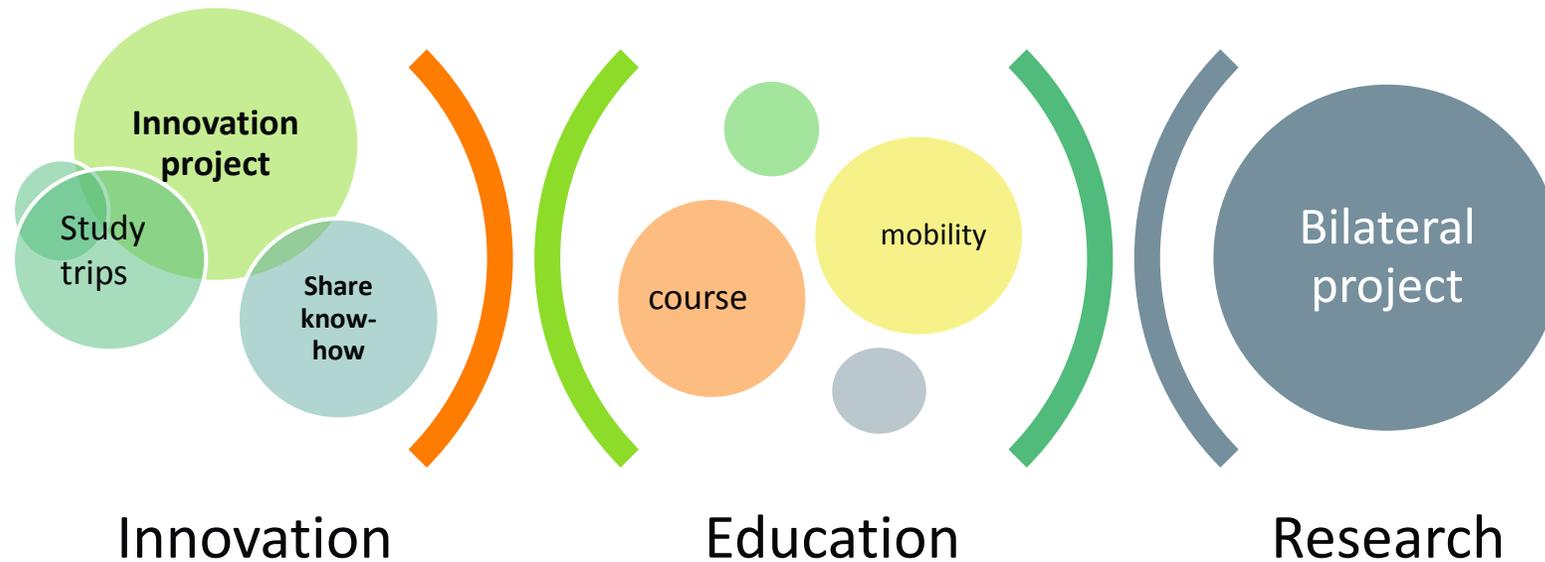


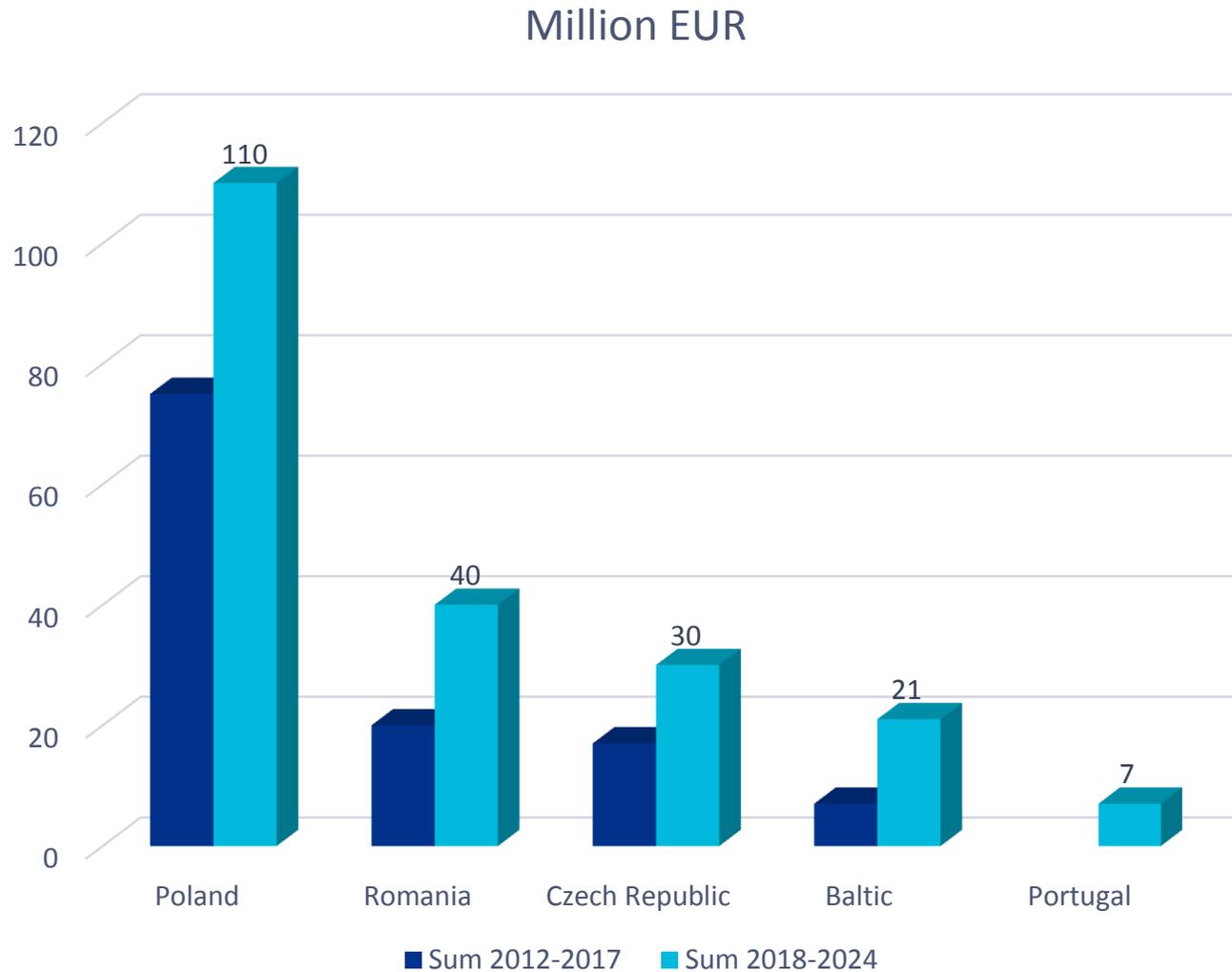
Ambition 1: Bilateral Research Cooperation

- Joint international publications involving Norwegian co-author(s)
- Source: Scopus



Create synergy between research, education and innovation





Allocations to research in EEA and Norway Grants

- Strong increase in funding available for research cooperation from 2012 to 2018.
- 145 research projects funded in 2012-2017

	Estonia	Latvia	Lithuania	Poland	Portugal	Romania	Czech Republic
EEA/Norway Grants allocation	5 mill euro	7 mill euro	10 mill euro	100 mill euro	38 mill euro in total 7,4 mill for research	40 mill euro	30 mill euro
Programme Operator: Institution responsible for implementing the programme	Ministry of Education and Research	Ministry of Education and Science	Lithuanian Research Council	Basic research: National Science Center (NCN) Applied research: National Centre for Research and Development (NCBR)	Directorate General for Maritime Policy (DGPM)	Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI)	Ministry of Finance
Implementing Agency: responsible for specific tasks delegated from the Programme Operator.	Estonian Research Council	TBC	N/A	N/A	N/A	N/A	Technology Agency of the Czech Republic (TA CR)
National Focal Point: national ministry responsible for coordination of the EEA and Norway Grants in beneficiary country	Ministry of Finance	Ministry of Finance	Ministry of Finance	Ministry of Economic Development	Ministry for Planning and Infrastructure	Ministry of Regional Development, Public Administration and European Funds	Ministry of Finance
Donor Programme Partner	RCN, SIU, AIBA	RCN, SIU, AIBA	RCN, SIU, AIBA	RCN	IN, RANNIS, RCN, SIU	RCN, RANNIS	RCN
Programme specifics	Joint Baltic Research	Joint Baltic Research	Joint Baltic Research	Research	Blue Growth	Research	Applied Research
Planned measures	Open Calls for joint research projects	Open Calls for joint research projects	Open Calls for joint research projects	Open Calls for joint research projects			
Other activities	Small Grant Scheme	Small Grant Scheme	Small Grant Scheme	Small Grant Schemes	Atlantic Observatory predefined project	Small Grant Schemes	N/A
Bilateral Fund allocation	100 000 euro	100 000 euro	100 000 euro	50 000 euro	200 000 euro	300 000 euro	175 000 euro



Romania: Research Programme

RONO2018 Call: bilateral research projects

Call budget 16 mill EUR for research on:

Energy, Environment, Health, ICT, Biotechnology
Social Sciences and Humanities, Gender and Social
Inclusion

- Project size 500 000 < 1 500 000 EUR, up to 4 years
- Romanian project coordinator + partner from Norway, Iceland or Liechtenstein
- Deadline : October 1st 2018

RONOMG2018 Call: mobility grants

- Rolling call, final deadline September 14th 2018
- Lump sum – 1 200 EUR for travel to establish partnership and prepare application to research call
- Both Romanian and Norwegian entities can apply





Thematic Areas

- Energy
- Environment
- Health
- Social sciences and humanities, including gender studies and social inclusion studies
- ICT
- Biotechnology



A. Energy

- Innovative materials and technologies for energy storage
- Energy efficiency within the process of generation, transmission, smart grids distribution and at the consumer/end user
- Eco-friendly-environmental technologies for energy production/generation
- Energy sources – diversification/balance
- Carbon capture and storage



B. Environment

- Management of emerging pollutants in aquatic systems (impact, remediation and recycling techniques) to improve ecosystem services of water resources and wetlands
- Ecosystems monitoring, affected by climate change, management of biodiversity, biosafety, protection and ecological restoration
- Environmental impact and risk assessment of the modern, new and emerging technologies and products (can include also climate change)
- Resources, technologies and tools for circular economy
- Research on the climate changes and/or extreme natural phenomenon impact on natural and anthropogenic systems



C. Health

- Developing patient-centred strategies to fight cancer
- Translational medicine in regenerative medicine, neurodegenerative and rare diseases
- Improving public health by implementing evidence-based preventive strategies
- Roma inclusion and empowerment



D. Social Sciences and humanities, including gender studies and social inclusion studies

- Migration, mobility, diaspora
- Participative democracy, social and cultural innovation, economic growth
- Cosmopolitanism and nationalism
- Social and economic inclusion of disadvantaged groups
- Digitization and accessibility of the cultural heritage
- Roma inclusion and empowerment



E. ICT

- Cyber security, personal data protection, protection of critical infrastructures and services; Technologies, instruments and methods for software development – artificial intelligence (AI) & cloud computing
- Advanced robotics, mechatronics and additive manufacturing technologies (3D printing, bio-printing)
- Technologies and applications of Big Data and/or Internet of things (IoT) for public administration, education, agriculture, health, banking etc



F. Biotechnology

- Biotechnology for agriculture, aquaculture, forestry and biomass production
- Industrial and food biotechnology
- Biotechnology for health, medicine and related industries
- Integrated environmental biotechnology



Roma Inclusion and Empowerment

- Research questions – that can contribute to better understand the situation of the Roma population – and through this improve their situation
- Projects – that involve and engage (pro) Roma organisations in formulating relevant research questions and consult them through the implementation
- Health and Social Sciences emphasized, but all thematic areas relevant
- Aim of programme: at least 10 per cent of projects with Roma inclusion and empowerment



The Currency

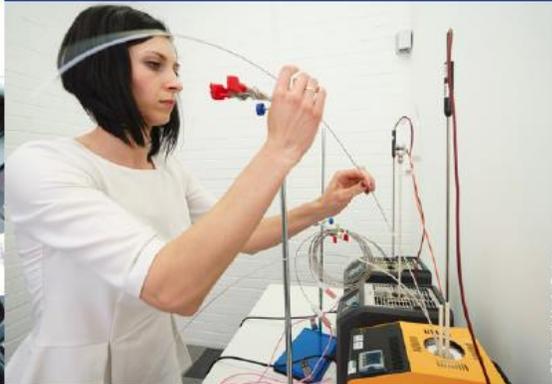
- The currency to be used for proposal submission is EURO
- The grant contract will be concluded in RON
- The value in RON will be determined by using the official EC exchange rate from the date (month) of signing the contract (Info Euro)



Building excellence

INNOVATION RESEARCH EDUCATION

The EEA and Norway Grants offer added-value in increasing innovation, research and education competence and skills and supporting know-how to develop larger funding proposals under European programmes.



www.eeagrants.org

www.norwaygrants.org

EEA Norway Grants

Iceland
Liechtenstein
Norway grants

Leaflet for distribution

https://eeagrants.org/content/download/13355/187449/version/1/file/17-181_EEA_innovation_Leaflet_WEB.pdf



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