



The Research Council
of Norway

Status of Norwegian-Brazilian Collaborative Research

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Norwegian Research – strong fields

Renewable energy

Geology

Petroleum technology

Climate change

Marine sciences

Maritime

Clinical medicine

Public administration





Why is international cooperation important?

1



Solves societal challenges

2



Promotes development and outstanding research

3



Promotes the development of Norwegian business and industry and exports

4



Increases the capacity of Norwegian research

5



Science diplomacy

6



Promotes Norway as a research nation



Main tracks for international cooperation

Through ordinary programs	Multilateral research cooperation	Bilateral research cooperation	Horizon 2020 and Horizon Europe
			
<ul style="list-style-type: none">• Specific priorities in calls for proposals	<ul style="list-style-type: none">• European partnerships• NordForsk• Belmont forum etc.	<ul style="list-style-type: none">• INTPART• Collaborative funding for priority countries	<ul style="list-style-type: none">• Norway takes part in the EU Framework Programme for Research and Innovation (H2020) as a full member.



INTPART

International Partnerships in Excellent Education, Research and Innovation

Programme objectives

- Develop world-class research and education in Norway – through international partnerships.
- Expand cooperation between research groups considered to be at the international forefront or with the potential to become world leaders in their fields.
- Enable long-term *institutional partnerships* with strong academic groups in priority countries.
- Strengthen integration of higher education- and research activities.
- Facilitate cooperation with the business and public sectors, when relevant.



Application types – RCN main track



Researcher Project

Promote renewal and development in research across all disciplines and thematic areas



Collaboration and Knowledge-Building Projects

Collaboration between research, industry and society to meet important societal challenges



Innovation Project

Promote increased value creation and renewal in trade and industry and the public sector



Commercialisation Projects

Promote commercialisation of R&D results from publicly funded research

Research Centres

Strengthen and further develop elite, creative research and innovation groups by means of targeted, long-term investment

Research Infrastructures

Tools for world leading research

Coordination and Support Activities

Fund measures that contribute to the planning, coordination, implementation and dissemination of various R&D activities and collaboration between researchers and institutions, nationally and internationally



Priority countries outside Europe

Roadmaps

Consul - Science and Technology
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Timeline for developing Brazilian-Norwegian joint calls

MoU signed between The Brazilian Ministry of Research and Technology and The Norwegian Ministry of Education and Research

2008

MoU signed between RCN and Finep, as well as IN and Finep, during the 2nd November Conference (Rio de Janeiro).

In 2014, an MoU is also signed between RCN and CNPq.



2013

2014

2016

2018

2nd Joint call between RCN (PETROMAKS 2) and Finep

Annex to MoU from 2008 signed between The Brazilian Ministry of Research and Technology and The Norwegian Ministry of Petroleum and Energy
=> BN21



1st Joint call between RCN (PETROMAKS 2) and Finep




Funded projects through RCN-Finep joint calls (2016 & 2018)

Joint call for industry (2016)

- STORMGEO AS – CLIMATEMPO
Integrated Realtime Environmental Monitoring and Oil spill forecasting System (IREMOS)
- IRIS-Software AS – ESSS
Improved modelling of near well multiphase flow for optimised planning of ICD/AICD valves in production wells
- 4Subsea AS – INOCEANO
Flexible Pipe Pressure Liner Life Extension Tool
- WiSub AS – easySubsea
Universal AUV Pinless Charging and Data Transfer Interface

Joint call for research organisations (2018) (additional funding from industry partners)

- University of Oslo – Universidade Federal do Rio Grande do Sul
PeTWIN : Whole-field digital twins for production optimization and management
- SINTEF AS – ISdB Flowtech
NEXFLOW - Next generation oil-water flow models in production technologies
- NORCE Norwegian Research Centre AS – Universidade Federal do Rio de Janeiro
Project of quantitative risk analysis for designs of permanent abandonment of wells

A photograph of several white wind turbines standing in a wetland area with shallow water and reeds. The sky is clear and blue. The turbines are reflected in the water.

Plans for joint calls within renewable energy

- Possible thematic areas:
 - Renewable energy, incl. energy system analysis related to:
 - Solar photovoltaics (PV)
 - Wind energy



Thank you for your attention!

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