

Status of Norwegian-Brazilian Collaborative Research

November Conference, 2019 Rio de Janeiro, Brazil

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RESEARCH FOR INNOVATION AND SUSTAINABILITY



Norwegian Research – strong fields

Renewable energy Geology Petroleum technology Climate change Marine sciences Maritime Clinical medicine Public administration



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Why is international cooperation important?





- Specific priorities in calls for proposals
- European partnerships
- NordForsk
- Belmont forum etc.
- INTPART
- Collaborative funding for priority countries
- Norway takes part in the EU Framework
 Programme for
 Research and
 Innovation (H2020) as a full member.

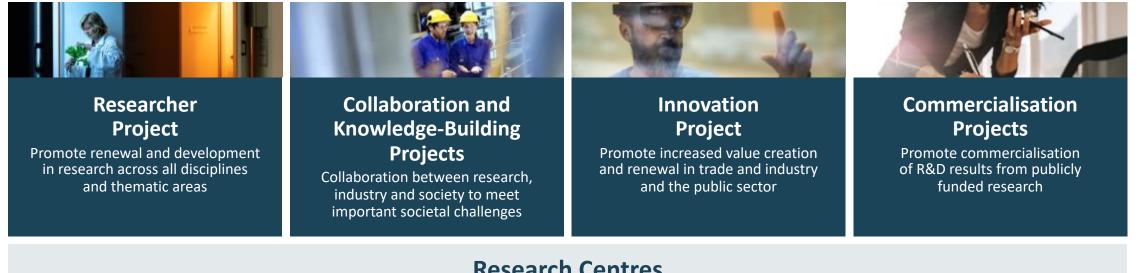
INTPART

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.





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

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Timeline for developing Brazilian-Norwegian joint calls



19.12.2019

Kolumnetittel

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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



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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