

PETROMAKS 2

- priorities and funding possibilities

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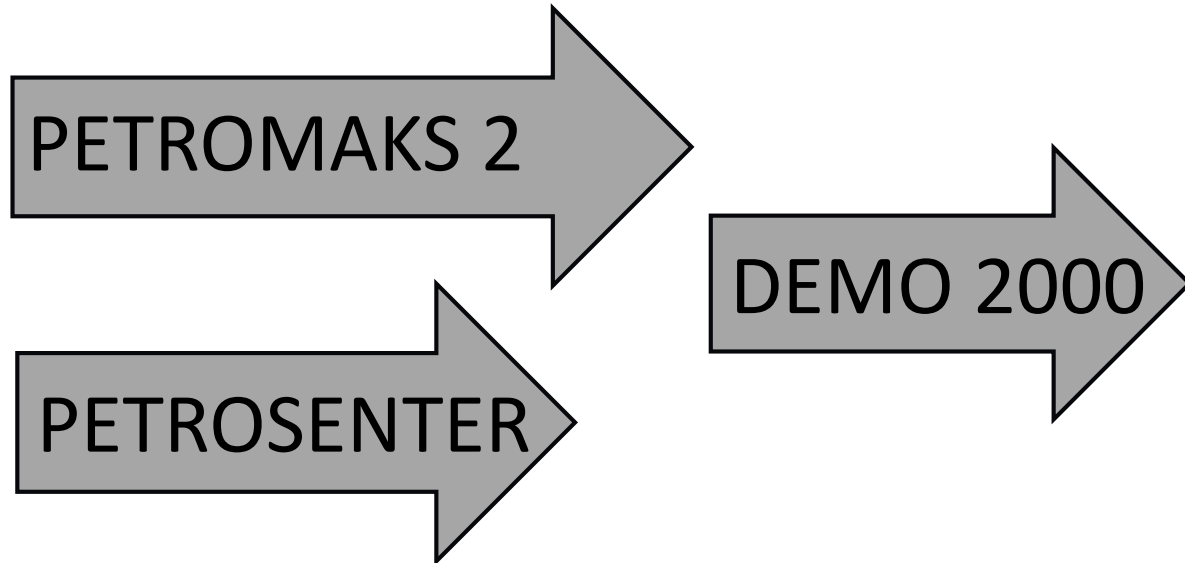
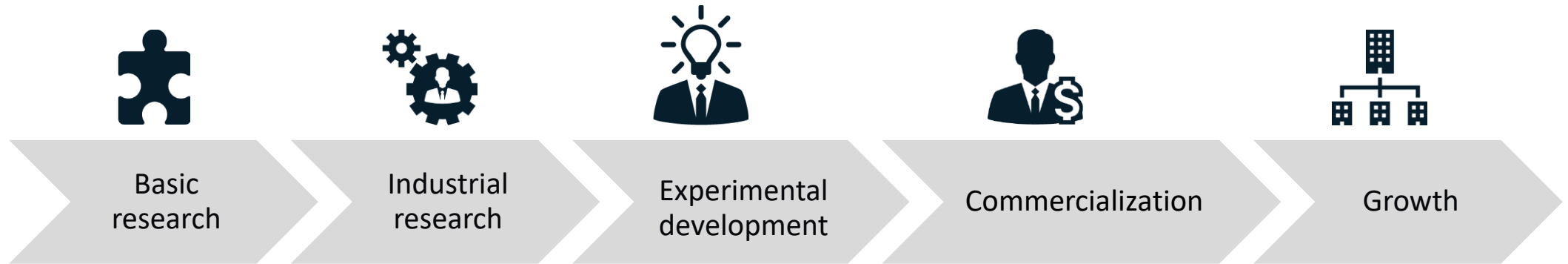
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Outline

- 1 Introduction
- 2 What is new in the last few years?
- 3 The downturn in the oil and gas sector
- 4 Calls and applications



The value chain – from basic research to market

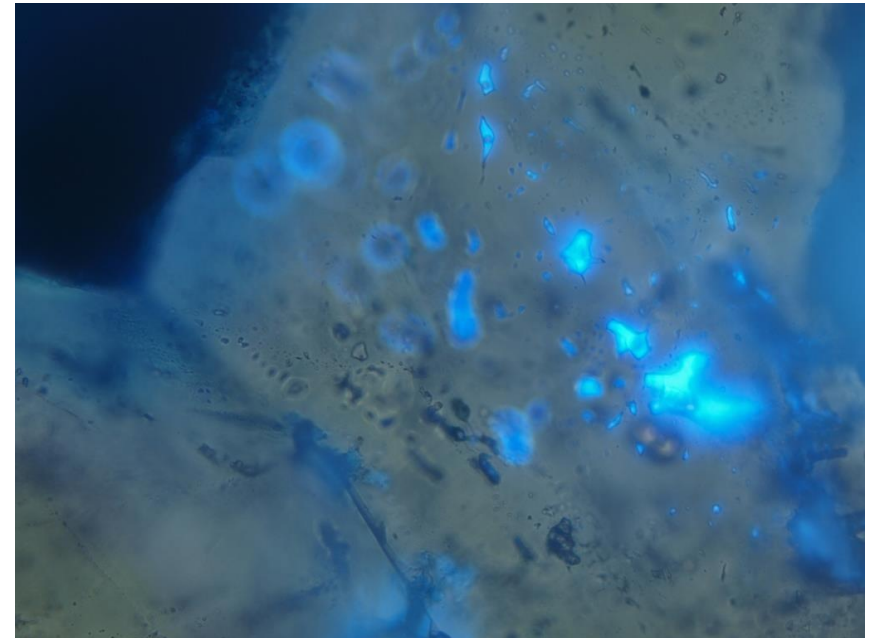




The objective

PETROMAKS 2 aims to generate new knowledge and technology for:

- optimal utilisation of Norwegian petroleum resources and
- enhance the competitiveness of the Norwegian continental shelf compared with other petroleum provinces in relation to costs, greenhouse gas emissions and the environment.



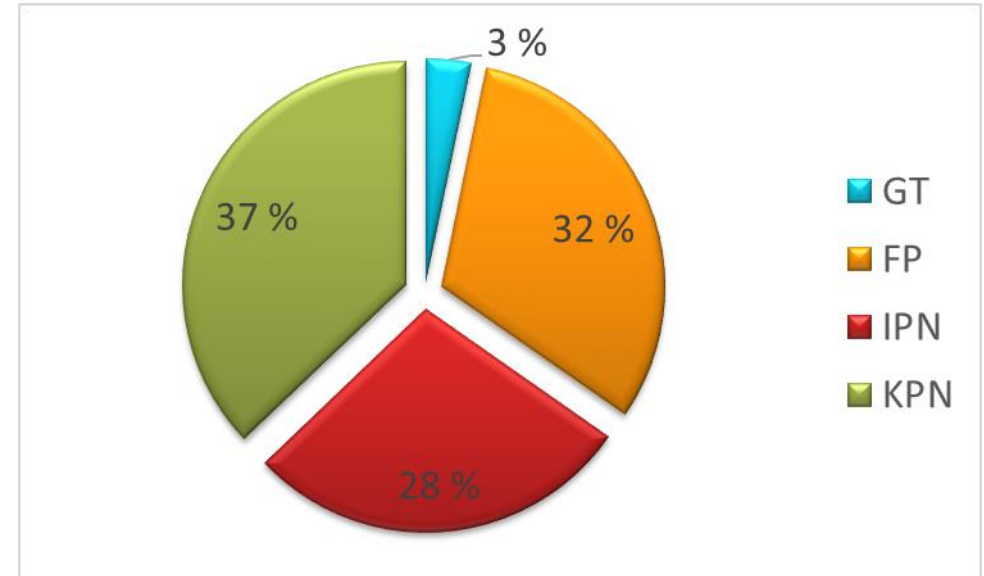


*PETROMAKS 2:
From strategic basic research to innovation*

Applicants:

- Approved Norwegian research organisations
- Norwegian industry

2018



Researcher projects (FP)

Knowledge-building projects for industry (KPN)

Innovation projects for industrial sector (IPN)



R&D priorities for the Norwegian Continental Shelf

1. Reducing greenhouse gases, energy efficiency and the environment
2. Exploration and improved recovery
3. Drilling, completion and intervention
4. Production, processing and transport
5. Major accidents and the working environment

Crosscutting – included in the thematic areas

The Arctic areas

Reducing greenhouse gas emissions and energy efficiency

Digitalisation

Challenges related to the introduction and use of new technology





The Arctic



22nd licensing round - announcement

26.06.2012 Today, 26 June, the Ministry of Petroleum and Energy (MPE) has announced the 22nd licensing round on the Norwegian shelf. Eighty-six blocks/parts of blocks are being announced in this round; 14 in the Norwegian Sea and 72 in the Barents Sea.

"The interest in exploring in the Barents Sea has increased considerably after Statoil and the licence partners found oil and gas on "Skrugard" (7220/8-1) in 2011. More exploration and optimism in the Barents Sea," says

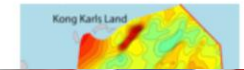
Nyheter Tema Publikasjoner Konesjonsrunder Kart Seismikk Regelverk Rapport

Hjem / Nyheter / Andre nyheter / Dobler ressursanslaget for Barentshavet

Dobler ressursanslaget for Barentshavet

25.04.2017 De uopdagede olje- og gassressursene i Barentshavet er dobbelt så store som tidligere antatt. Det viser Oljedirektoratets nye beregning

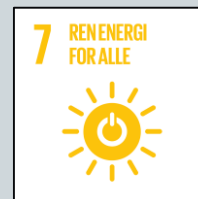
Oljedirektoratet har nylig kartlagt den nordnorske kontinentalskylven – et område på om lag 170.000 kvadratkilometer større enn den norske del av dette ligger i det tidligere omstridte område. Av den nye informasjonen er samlet inn





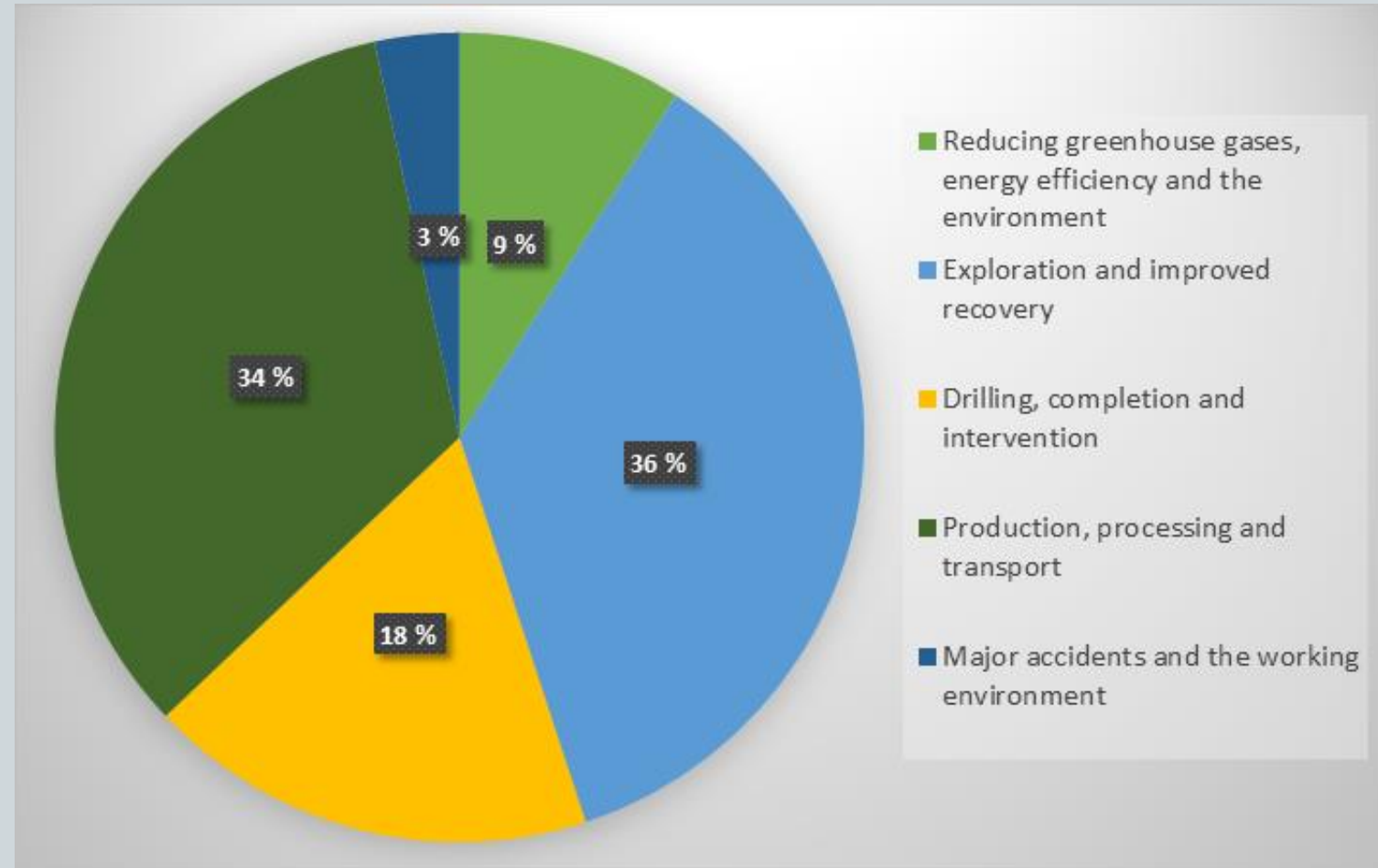
Reducing greenhouse gas emissions and energy efficiency

Sustainable societal and industrial development





Digitalisation





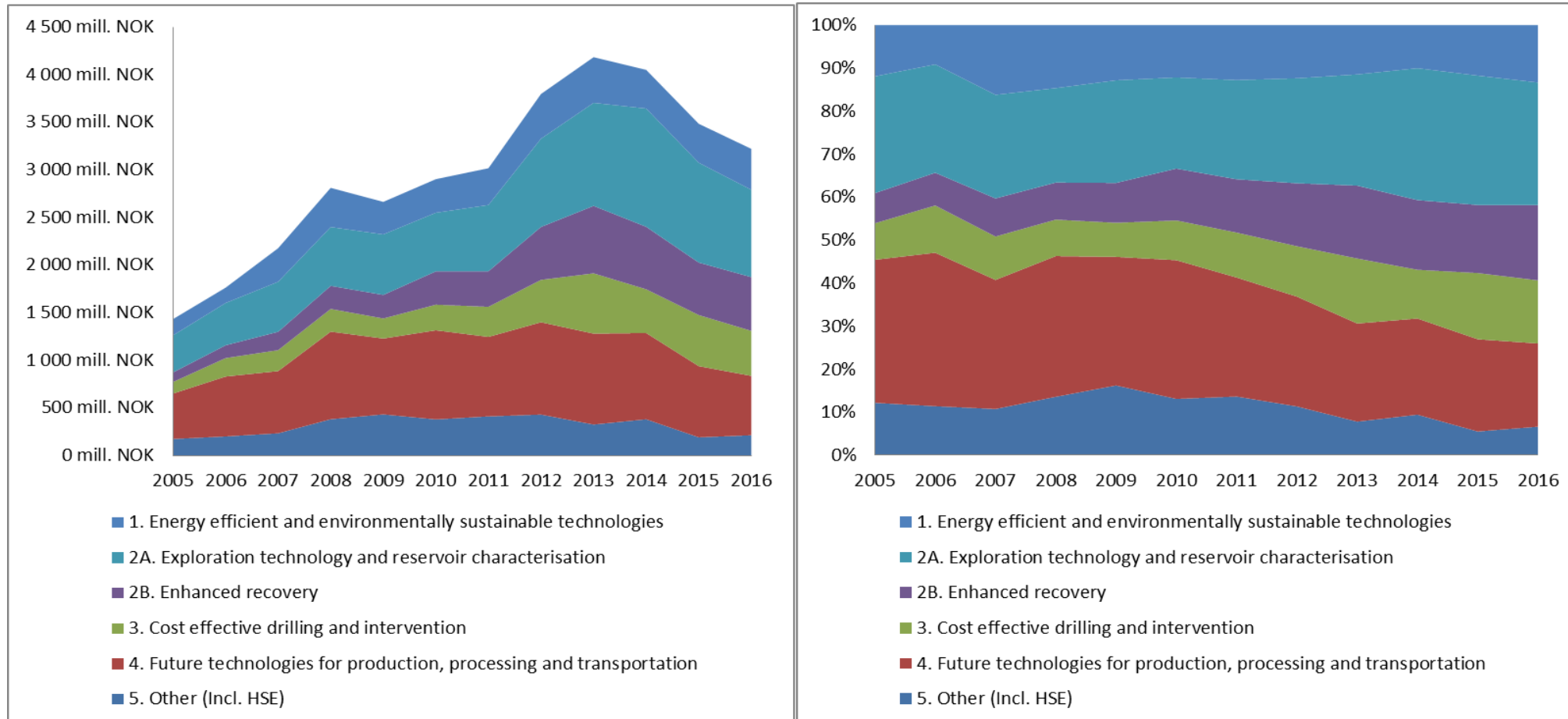
Challenges related to the introduction and use of new technology





The downturn in the oil and gas sector

R&D investments from operators on Norwegian Continental Shelf





The downturn in the oil and gas sector

PETROMAKS 2 applications



Most important change:

- A large increase in applications for Researcher projects (FP)



The 2018 calls for proposals

- The calls will be published early May
 - Researcher project (dead-line September 12th)
 - Knowledge-building project for industry, including a joint call with FINEP (Brasil) (dead-line September 12th, 2018)
 - Innovation project for industrial sector (dead-line October 10th, 2018)
- The PETROMAKS 2 work programme is a basis for all calls





Knowledge-building project for industry

- Applicant: A Norwegian research organisation approved by the Research Council
- In collaboration with Norwegian industry
- Funding:
 - At least 20 % cash from Norwegian industry
 - Maximum 80 % from the Research Council (not more than 4X industry funding)

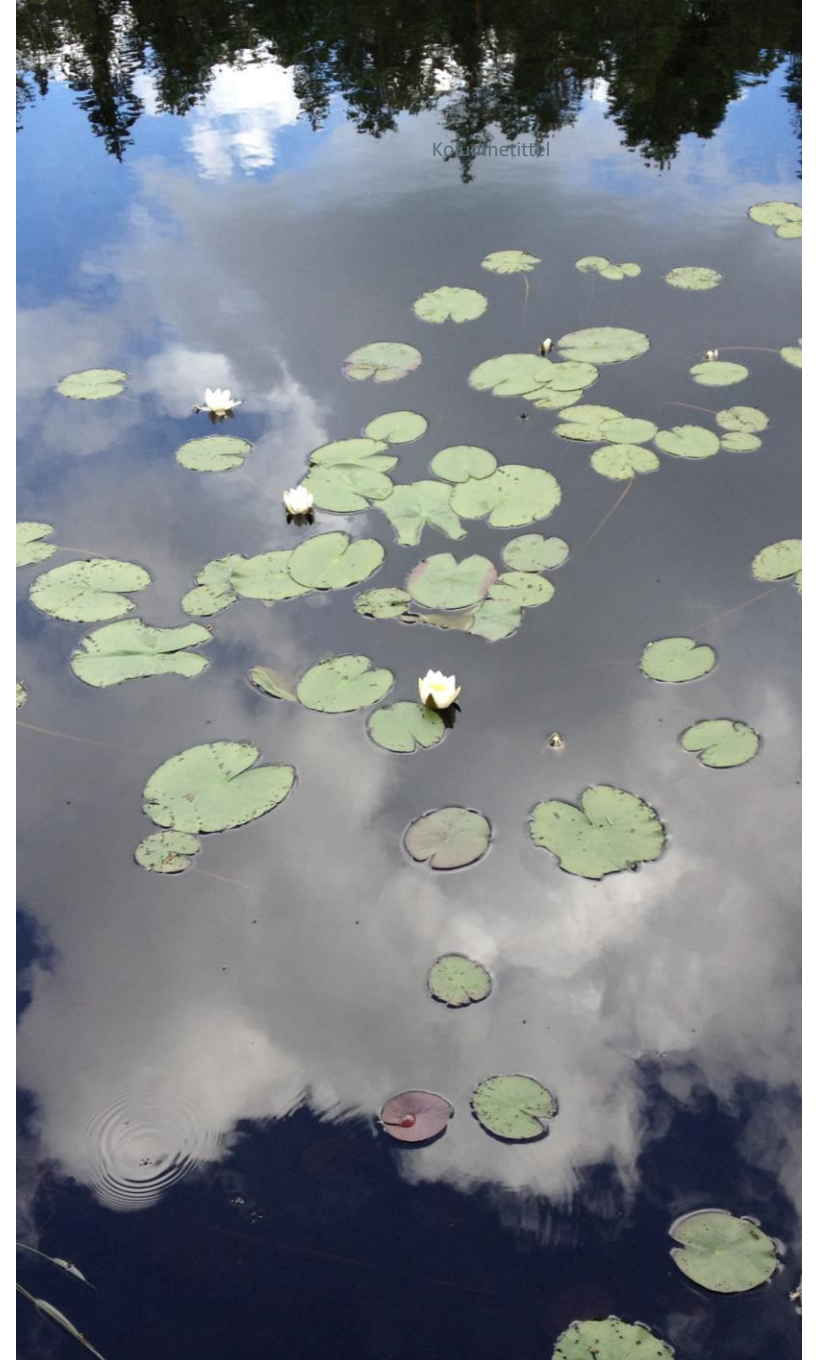




The winners

– the competition is tough

- Excellent project quality
- A clear answer to the call
 - How is the application relevant to the call and the objectives of the programme?
- Read the call thoroughly
 - Start early and get the right partners on board
- Respect formal requirements
 - No plus for anything else than what is asked for
 - The application risks rejection, if formal requirements are not fulfilled!
 - Ask when you are in doubt!



Contact information on
www.forskningsradet.no/petromaks2

The screenshot shows the website for the Research Council of Norway (Forskningsrådet) with the title "Stort program for petroleumsforskning (PETROMAKS2)". The page is in English. On the left, there is a navigation menu with items: FORSIDEN, Om programmet, Kontaktpersoner, Programstyre, Sentrale dokumenter, Kalender, and Nyheter. The main content area features a header with the text: "Ved kunnskaps- og næringsutvikling skal programmet bidra til økt verdiskapning for samfunnet ved at norske petroleumssressurser utvikles og utnyttes optimalt innenfor miljømessig forsvarlige rammer." Below this, there is a "Nyheter" section with two news items. The first item is titled "Utlysningene kommer i mai" and mentions that PETROMAKS 2 publishes the year's calls for proposals in the beginning of May. The second item is titled "Fremtidens løsninger på norsk sokkel er digitale" and mentions that the DEMO 2000-conference featured a full day with advanced knowledge and inspiration from companies leading in digitalization. On the right side, there are sections for "Utlysninger" (All calls for proposals from the Research Council) and "Lenker" (200 million for research that will reduce digital vulnerabilities).

Possibilities for advice

We may help by

- Phone, email
- Meetings (min. 2 weeks before dead-line)