

**Arctic
Frontiers**

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It is our pleasure to welcome you to the 6th annual Arctic Frontiers in Tromsø from 22 -27 January 2012.

Arctic Frontiers 2012: Energies of the HIGH NORTH

Since 2007 Arctic Frontiers has become a central meeting place for discussing opportunities and challenges in the high north. The conference attracts politicians, decision makers and leading scientists from around the globe, and gathers together more than 1,000 participants under the northern lights in Northern Norway's largest city.

Policy section: Energies of the High North - 22-24 January

Politics and science make up the central framework for Arctic Frontiers. Today we know that large undiscovered oil and gas resources are located in the Arctic. At the upcoming conference leading scientists and politicians from around the world will discuss the location of energy resources, how they will be utilized and how this will affect the sensitive environment and societies in the Arctic.

Scientific section: 25-27 January

The science section of the conference is a major arena for distributing knowledge on recent research in the Arctic. Prominent scientists from all over the world will contribute and discuss new knowledge about oil and gas reserves, technological developments and climatic challenges, social, political and economic aspects of energy utilization in the Arctic as well as possibilities for renewable and alternative energy.

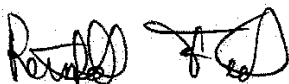
Young scientists and professionals

Students and young professionals from many countries are invited to participate in the conference program. The aim is to contribute to their development through increased knowledge about the Arctic, and develop new contacts in the early stages of their careers.

Cultural program:

Arctic Frontiers has a cultural partnership with the Northern Lights Festival, and for those interested in spectacular music and art, a wide array of cultural events is organized during the conference week.

See you in Tromsø in January!



Reinhold Fieler (Manager for Arctic Frontiers)

Tromsø is a 'hot spot' in January and hotel space will be tight. Register now at www.arcticfrontiers.com

Energies of the HIGH NORTH

Sunday 22 January, 19:00 – 20:45

Official welcome session and cultural performance by Reindeers – Boazodansa at POLARIA (Aqumariq Framcenter)

Monday 23 January, 09:00 – 16:00

Session I: State of the Arctic 2012 in the context of the global energy outlook

Chair: Kari-Anne Opsahl, Executive Councillor in Troms County Government and Ole Lindefeld, Research Director, ConocoPhillips
Thomas B. Johansson, Co-Chair, Global Energy Assessment: Global energy outlook and the Arctic.

Ola Borten Moe, Norwegian Minister of Petroleum and Energy: *Norwegian Energy Policy*.

Matt Entenza, Senior Advisor on Energy and the Economy to Minnesota Governor Mark Dayton, USA.

Moderated plenary discussion

Speaker representing the Arctic Council.

Vyacheslav Pavlovsky, Ambassador to Norway for the Russian Federation.

Clément Cignac, Minister of Natural Resources and Wildlife, Quebec Canada.

Lisa Murkowski, Senator for the state of Alaska: *Video speech*

Session II: Energy resources and industrial development in the Arctic

Marcia McNutt, Executing director U.S Geological Survey: *Challenges ahead for oil and gas resources in the Arctic.*

Igor Fyodorov, Governor of Nenets Autonomous Area, Russia.

Joep Coppes, Vice president of the International Association of Oil and Gas Producers.

Ann Christin Gjerdseth, Chair of OG21, Norway: *Sustainable development of petroleum in the Arctic through superior technology and knowledge*

17:00 Pre-theatre reception at Tromsø Center of Performing Arts (Kulturhuset)

18:00 Performance by Jo Strömgren Kompani and Riksteatret

19:30 Conference banquet at Radisson SAS Hotel

Tuesday 24 January, 09:00 – 17:00

Session II (continued): Energy resources and industrial development in the Arctic

Chair: Jens Johan Hjort, Mayor of Tromsø, and Elena Kudryashova, Deputy of the Northern (Arctic) Federal University, Arkhangelsk
Dmitry Kobylkin, Governor of the Yamal-Nenets Autonomous District, Russian Federation.

Tim Dodson, Executive vice president Statoil, Norway
Valborg Lundegaard, Executive Vice President Engineering, Aker Solutions, Norway: *Technological achievements in the Arctic for more than 100 years. What are the Arctic challenges facing us now.*

Session III: Developing secure and sustainable energy projects in the HIGH NORTH

Nina Jensen, Conservation Director Policy, WWF-Norway: *Climate and energy challenges of the High North*

Naikanchina Anna Pavlovna: Vice president of Raipon, Russia.
Anund Killingveit, Dep. Hydraulic and Environmental Engineering, NTNT, Norway: *Renewable energy - How can it contribute to securing safe and sustainable energy in the High North?*

Emma Wilson, International Institute for Environment and Development, UK: *Risk and reward: the role of civil society, business and the state in shaping the impacts of large-scale energy projects in the North.*

Elisabeth Harstad, Managing Director, DNV Research and Innovation, Norway: *Barents 2020 – international industry cooperation for safety standards in the Barents Sea. Are there Pan-Arctic lessons?*

Martin Fortier, Executive Director, ArcticNet Inc., Canada.
Arctic Lavvo Dialogue: *Energy and Industrial Development and Peoples in the Arctic.* Moderated dialogue.

18:00 Theatre performance at Halogaland Theatre

20:30 Mingling and food at Halogaland Theatre

Wednesday – Friday 25 – 27 January: Science part

Part I: Arctic Geology, Hydrocarbon Reservoirs & Gas Hydrates

Part II: Technological development & Environmental challenges

Part III: Social, political and economic aspects of energy projects in the High North

Part IV: Renewable and Alternative Energy

Wednesday 25 January, 09:00 – 17:00

Plenary keynotes – 09:00 – 12:00

Morten Smelror, Director of the Geological Survey of Norway

Michael Depledge, Chair of Advisory Board, European Centre for Environment and Human Health

Gunnar Knapp, The Institute of Social and Economic Research, University of Alaska

Gudni Johannesson, Director of the Icelandic National Energy Authority

13:00 – 17:00, parallel science sessions Part I to IV

18:00 Mayor's reception at the City Hall

19:00 Bacalao dinner at Driv

Thursday 26 January, 09:00 – 18:00

09:00 – 14:55, parallel science sessions Part I to IV

15:15 – 16:00: The International Association of Oil and Gas Producers' Joint Industry Project: Arctic Oil Spill Responses Technology Program

16:00 – 18:00: Poster session for all parts

19:00 Conference banquet at Rica hotel

Friday 27 January, 09:00 – 13:45

09:00 – 12:35, parallel science session Part I to IV

12:15 – 12:35, Summary and plenary closing remarks

Main partners of Arctic Frontiers



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