



## Arctic Frontiers

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 [arcticfrontiers.com/pillar/policy/](http://arcticfrontiers.com/pillar/policy/)

**Mon 23 Jan 2017**

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08:50 - 09:00

[Welcome, Introductory remarks](#)

Confirmed speakers:

- **Salve Dahle**, Chairman of the Steering Committee
- **Anne Husebekk**, Rector of the University,
- **Erna Solberg**, Prime Minister of Norway

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09:00 - 10:30

[A changing Arctic](#)

*Session format: 5 minute introductions followed by armchair talk*

We are witnessing major changes in the Arctic's environment, climate, demographics and industry. New areas are opening up for development, new resources are available, and new opportunities for cooperation are emerging – but are we prepared to pursue those opportunities in a responsible way? The Arctic has a diverse population of nearly 4 million people. How do we balance the need for economic and social development of the Arctic on one hand with the need for protection and stewardship on the other? How can conservation and use be reconciled? What actions can leaders in the Arctic's regions take to ensure sustainable development and benefits for the entire Arctic?

Confirmed speakers:

- **Erna Solberg**, Prime Minister of Norway
- **Juha Sipilä**, Prime Minister of Finland
- **Margot Wallström**, Foreign Minister of Sweden
- **Jeffrey Sachs**, Earth Institute, Columbia University
- **Sturla Henriksen**, Norwegian Shipowners Association
- **Carolina Behe**, Indigenous Knowledge Advisor, Inuit Circumpolar Council Alaska

- **Ingrid Skjoldvær**, Head of Nature and Youth Norway
- **Petteri Talaas** Secretary General, World Meteorological Organisation
- Ambassador **Vladimir Barbin**, Senior Arctic Official, Russia
- **Karen Ellemann**, Minister for Equal Opportunities and Nordic Cooperation, Denmark

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11:00 - 12:30

[Bluegreen economy](#)

*Session format: 5 minute introductions followed by armchair talk*

The oceans hold great potential for economic development, including food production, bioprospecting, transportation, and conventional and unconventional energy sources. Pollution, ocean acidification, marine debris and micro plastics, as well as illegal fisheries and the unsustainable use of marine resources can undermine our ability to exploit this potential. Operations in new and remote areas require appropriate communications technologies and reliable technical solutions. How can cross-sector thinking and new technologies help us move forward with the sustainable use of natural resources? Are we already in the midst of a blue-green shift, or just hoping for it? What are the perspectives and priorities in the various sectors and how can we agree on the next steps?

Confirmed speakers:

- **Karmenu Vella**, EU Commissioner, DG MARE
- **Frank Bakke-Jensen**, Minister of EEA and EU-Affairs and Minister of Nordic Cooperation of Norway
- **Kitack Lim**, Secretary General International Maritime Organization
- **Liv Holmefjord**, Director, Norwegian Directorate of Fisheries
- **Johann-Dietrich Wörner**, Secretary General European Space Agency
- **Peter Haugan**, President of the Intergovernmental Oceanographic Commission, UNESCO
- **Daniel Pauly**, Killam Professor, The University of British Columbia, Canada
- **Poul Degnbol**, Adjunct Professor, Innovative Fisheries Management, University of Aalborg, Denmark
- **Nina Jensen**, Head of World Wildlife Fund, Norway

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12:30 - 13:30

## Project presentations (during lunch)

- ARCUS - Arctic Research Consortium of the United States

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13:30 - 14:30

## Arctic Energy post-Paris

*Session format: debate*

The Paris Agreement requires most nations to reduce their greenhouse gas emissions to keep the temperature level “well below” 2 degrees Celsius above the pre-industrial level. What adjustments to the world’s energy systems will we see in the years to come? Given the constraints set by the Paris Agreement, what are the most likely pathways for future energy development in the north? Which energy alternatives are economically viable and technologically feasible? Is industry investing enough in innovative approaches to reduce its carbon footprint, and how is it considering the climate risk to fossil fuel assets? What are the strategies for building resilient northern communities?

Confirmed speakers:

- **Jennifer Morgan**, Executive Director Greenpeace
- **Bjørn Otto Sverdrup**, Senior Vice President of Corporate Sustainability, Statoil
- **Elisabeth Tørstad**, CEO Oil & Gas DNV GL
- **Richard Glenn**, Executive Vice President, Arctic Slope Regional Corporation
- **Jan Dusik**, Director Europe Office, UNEP
- **Connie Hedegaard**, Public Investigator for the Norwegian government’s project on Green Competitiveness
- **Anthony Hogley**, Chief Executive Officer, Carbon Tracker Initiative
- **Pam Pearson**, International Cryosphere Initiative

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**Tue 24 Jan 2017**

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09:00 - 10:30

## The Arctic in a global context

*Session format: 5 minute introductions followed by discussion*

The increased global interest in the Arctic has been accompanied by growing involvement by non-Arctic states in

science, industrial development and governance issues. What is the main driver of this increased activity? Is it motivated by geopolitical concerns or economic interests, or is it mostly a sign of a romantic view of the Arctic as one of the world's last pristine wildernesses? The Arctic includes the territories and economic zones of the eight Arctic states, and the Law of the Sea provides the legal framework for the management of the oceans and their use. How can the interest in the Arctic be channelled into productive and positive contributions in science, economic development and governance in the region?

Confirmed speakers:

- **Børge Brende**, Minister of Foreign Affairs of Norway
- **Bert Koenders**, Minister of Foreign Affairs of the Netherlands
- **Margot Wallström**, Foreign Minister of Sweden
- **Vittus Qujaukitsoq**, Minister of Industry, Labour, Trade, Energy and Foreign Affairs, Greenland
- **David Balton**, SAO Chair of the Arctic Council, USA
- **Julienne Stroeve**, University of Central London, Great Britain
- **Liv Monica Stubholt**, Partner Selmer Lawfirm, Norway

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11:00 - 12:00

[Cross border cooperation in times of political change](#)

*Session format: panel debate*

A unique feature of Arctic governance is the broad range of cross-border networks in place to address challenges and opportunities that cut across national boundaries. These common efforts are found at the intra-community, regional and nation-state level, as well as in business, science and civil society. The networks address diverse policy fields such as education, economic development, search and rescue and coast guard cooperation. An important question now is how such cooperation arrangements are affected by tensions and conflicts outside the Arctic region.

Confirmed speakers:

- **Pamela Goldsmith-Jones**, Parliamentary Secretary to the Minister of Foreign Affairs, Canada
- **Dmitry Tulupov**, School of international Relations, St. Petersburg State University, Russia
- **Kari Aga Myklebust**, UiT Arctic University of Norway
- **Cecilie Myrseth**, Chair of Troms County government
- **Yang Jian**, Shanghai Institute for International Studies, China
- **Marina Kovtun**, Governor of Murmansk, Russia
- **Lesil McGuire**, JD, Arctic Advocacy Group

## **23 – 27 January 2017**

The ocean carries vast resources, many of which are undeveloped and undiscovered. There are still many poorly known places on the Arctic map, and we know more about the surface of moon than the oceans. As the climate gets warmer, new areas of ocean in the Arctic are becoming accessible. This has resulted in an increased attention from scientists, businesses and states. Arctic Frontiers 2017 will discuss the gaps in our knowledge about the Arctic oceans and the role these will play in the future.

The key questions to be asked are: What do we know about the processes taking place under the ice and the impact of the polar night on Arctic ecosystems? Changes occur in the Arctic ecosystems, how much of it is natural? As the arctic productivity alters, new species establish, existing species change their geographical extent, creating opportunities for new fishing grounds., How do these processes alter the dynamics of fisheries? With new areas becoming accessible, how do we assess, manage and mitigate risk? How can technology be a driver for arctic business development? With new areas to operate in, how do people connect?

### **New concept for Arctic Frontiers Policy**

Please note that the format for Arctic Frontiers Policy has been changed. The new concept aims for more debate and discussion. White Space – Blue Future will be featuring fixed sessions with short maximum 5 minutes introductions on given topics followed by debate. Thus traditional keynote speeches will not take place during the plenary sessions. Instead you will see a more dynamic interactive format with questions from moderator Stephen Sackur and the audience. All sessions on the plenary program will be on a high level and have representatives from policy, business and science to ensure a comprehensive approach to the topics.