

ARCTIC FRONTIERS 2015

Welcome to the ninth
Arctic Frontiers conference
18 – 23 January 2015
in Tromsø, Norway

The mission of Arctic Frontiers is to contribute to sustainable development of business and society in the North. Every year in January, the conference brings together over 1400 participants from more than 25 countries. Representatives from science, the business community, government and society gather to share perspectives on opportunities and challenges in the High North.

www.arcticfrontiers.com

THE 9TH ARCTIC FRONTIERS CONFERENCE:

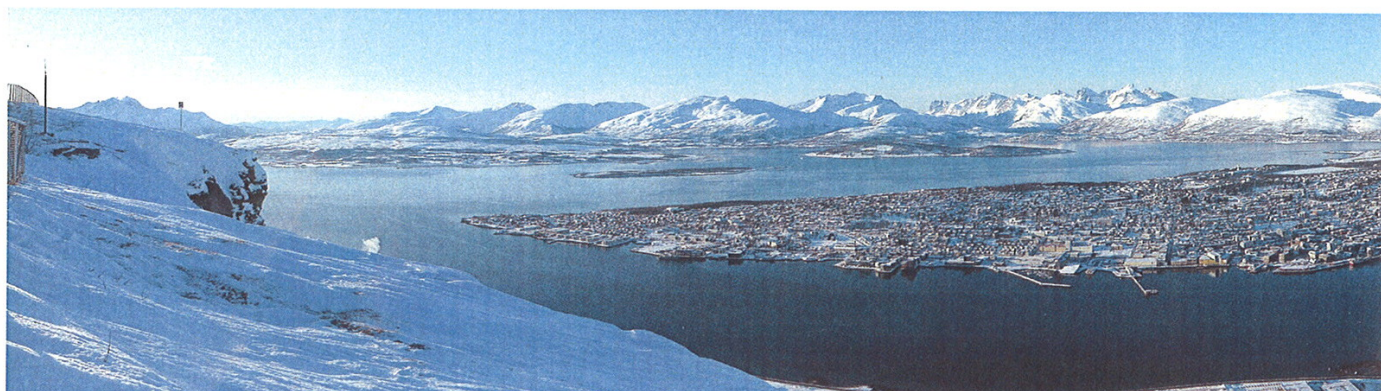
Arctic Frontiers consists of three pillars: policy, business and science. The 2015 conference will explore the theme **Climate and Energy**.

ARCTIC GATEWAY

Arctic Frontiers takes place in the Norwegian city of Tromsø, at 70° N, known as the gateway to the Arctic. Today, Tromsø is an international hub for Arctic research, and the permanent home of the secretariat of the Arctic Council. Throughout the conference week our evening program offers memorable social and cultural events, ideal for networking and discovering the arctic culture.

CONFIRMED KEYNOTES:

Moderator: **Liv Monica Stubholt**
HSH Prince Albert II of Monaco
Børge Brende, Minister of Foreign Affairs, Norway
Tord Lien, Minister of Oil and Energy, Norway
Tim Dodson, Executive vice president, Exploration, Statoil
Fran Ulmer, Chair, US Arctic Research Commission
US research strategies on arctic development
Professor George Hunt, University of Washington
Anders Oskal, Executive Director, International Centre for Reindeer Husbandry
Leonid Surguchev, Managing Director LUKOIL Overseas North Shelf AS
Greg Leveille, manager for Technology Program, ConocoPhillips
Samantha Smith, Leader WWF Global Climate & Energy Initiative
Antje Boetius, Professor of Geomicrobiology at the University Bremen
Ben Marzeion, Associate Professor, Institute of Meteorology and Geophysics, University of Innsbruck
Zha Daojiong, Peking University



CLIMATE AND ENERGY

ARCTIC FRONTIERS POLICY

19 – 20 January

The earth is in the midst of major climate changes. The Arctic is experiencing the impact of these changes more and faster than other parts of the globe. Processes starting in the Arctic may have deep and profound impacts on other parts of the globe.

At the same time the Earth's population is rising and with it the global energy demand. New and greener energy sources are gaining market shares, but still the energy mix of the foreseeable future will have a substantial fossil component. The Arctic is expected to hold major oil and gas resources, while the regions green energy potentials are less explored.

How will the Arctic's energy resources contribute to the global energy mix in the decades to come? How will the climate changes impact the Arctic environment and societies? And where will we find a balance between the planet's energy demand and the necessity to reduce CO₂ emissions?

ARCTIC FRONTIERS BUSINESS

20 – 21 January

Arctic Frontiers Business will explore the drivers for business development in the North. In 2015 the conference will focus on Barents Sea oil and gas and Arctic mining. Arctic Frontiers Business will further examine the structural conditions for Arctic economic growth focusing on three basic prerequisites; infrastructure, arctic competence and technology and financing.

Arctic to Arctic. Business to Business.

ARCTIC FRONTIERS SCIENCE

21 – 23 January

The science section of Arctic Frontiers – Climate and Energy consists of three parallel parts, each with keynote speakers, oral and poster presentations:

I. Arctic climate change –global implications

In this part, we invite contributions concerning the mechanisms driving Arctic climate change, their observed physical or societal manifestations, as well as their interaction with climate and societies beyond the Arctic, including the geopolitical dimension.

II. Ecological winners and losers in future Arctic marine ecosystems

Focusing on the hitherto ice-covered, widening and melting rim of the Arctic Ocean, the marginal ice zone, and how life cycles of organisms may change with an early ice melt and late freezing period.

III. The Arctic's role in the global energy supply and security

Part III seeks to offer researchers, industry representatives, authorities and other experts an arena to discuss the Arctic's role in the global energy supply, and to address both technological and societal challenges and opportunities of Arctic energy.

YOUNG SCIENTIST FORUM

Every year Arctic Frontiers invites young and enthusiastic stakeholders to share their perspectives and innovative solutions with decision makers from business, academia and society. The Young Scientist Forum is carried out in cooperation with a number of partners facilitating a PhD-course, networking and interdisciplinary discussions among early career scientists, young professionals and senior conference delegates.

We look forward to seeing you in Tromsø.

