

UiT

THE ARCTIC  
UNIVERSITY  
OF NORWAY

## The Barents Institute

# Futuring the Arctic: voice and rights in urban communities



### XIV All-Russian Forum

«Strategic Planning in the  
Regions and Cities of Russia»

The Space for Choice and  
Choice of Space

**19-20**  
october, 2015

Saint-Petersburg

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The University of Tromsø / Universitetet i Tromsø  
Kirkenes & Tromsø, Norway / Norge



# Futuring

“ Futures studies is the systematic study of possible, probable and preferable futures including the world views and myths that underlie each future. ...

The identification of alternative futures is ... a fluid dance of structure (the weights of history) and agency (the capacity to influence the world and create desired futures).” (Inayatullah, 2012)

# Futures

**Climate change**

**Urbanization**

**Heightened Industrialization**

**Civil society/civic demands**

*What will this mean for societal security in the Arctic?*

**Because of**

**World markets**

**Geopolitics**

**Climate change**

# Brundtland Commission

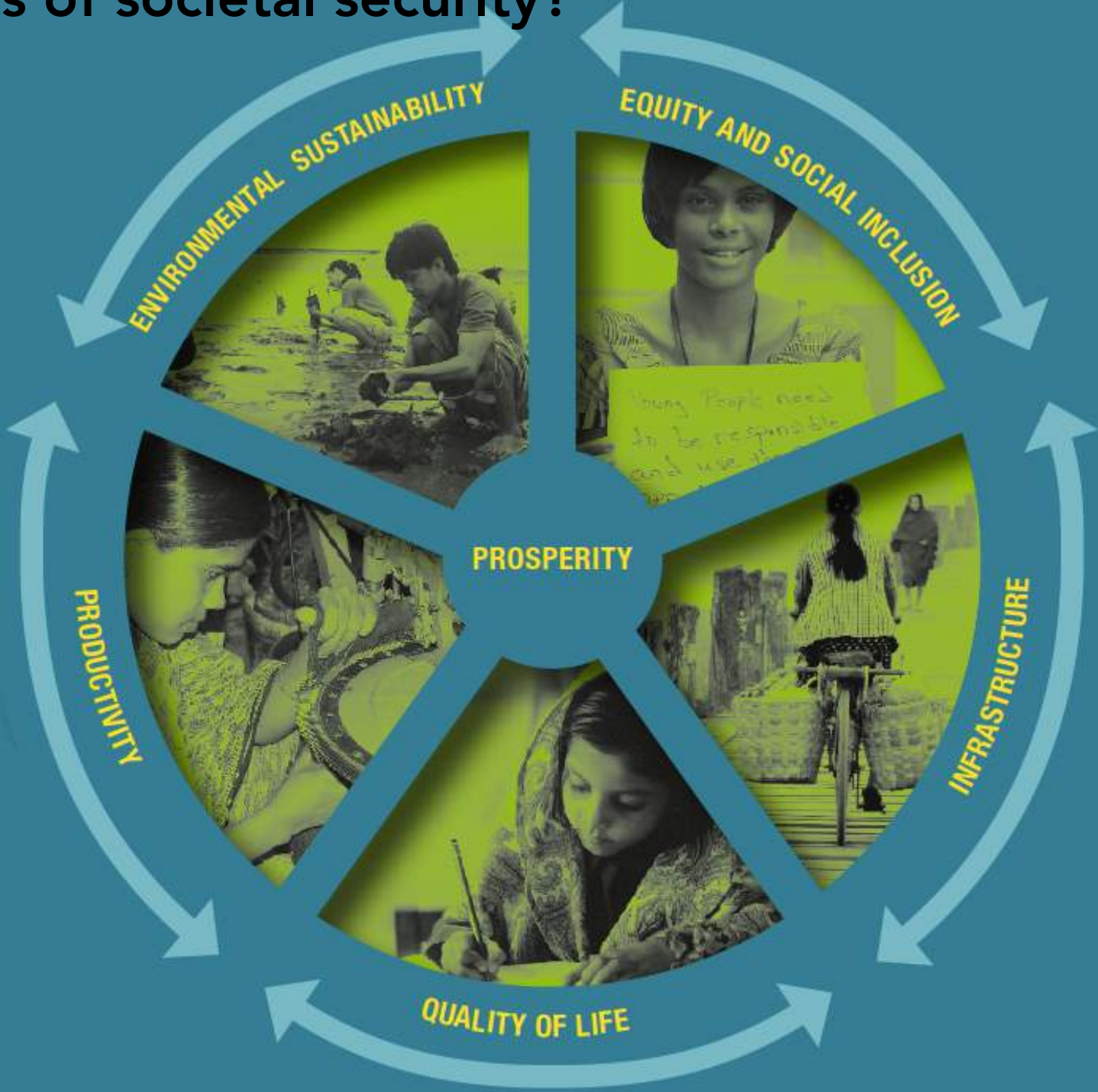
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... that it **“meets the needs of the present without compromising the ability of future generations to meet their own needs.”** (United Nations. 1987. ["Report of the World Commission on Environment and Development,"](#) General Assembly Resolution 42/187, 11 December 1987; accessed 17 April 2012).

This is further clarified by the U.S. National Academies of Sciences drawing on U.S. legislation. The National Environmental Policy Act defines sustainability as **“creating and maintaining conditions under which humans and nature can exist in productive harmony for present and future generations.”** (<http://sites.nationalacademies.org/PGA/sustainability/index.htm>; accessed December 18, 2011).



# Elements of societal security?





# Urbanization





# Ensuring equity and social inclusion

**CBCnews** | North



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## The New North | Arctic multiculturalism

### Part 1: Destination North

CBC News Posted: Mar 12, 2012 12:36 PM CT | Last Updated: Mar 24, 2012 2:37 PM CT



Samir Atalah moved to Iqaluit from Syria. He came north planning on staying only a few years now. (Emily Ridlington/CBC)

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As newcomers to Canada head north they're changing the face of the north.

Samir Atalah is originally from Syria. He came north for a job and an adventure. He has been in Iqaluit for a few months now. That was five

### New Canadians' last country of origin, 1998 to 2011

	Yukon	N.W.T.	Nunavut
1.	 Poland - 440	 Philippines - 395	 Philippines - 70
2.	 Germany - 165	 Armenia - 65	 India - 30
3.	 China - 140	 Colombia - 60	 Australia - 5





# Industry



**DATA CENTER KNOWLEDGE**

### Live in Lulea: Facebook Goes Global and Gets Greener

BY RICH MILLER ON JUNE 12, 2013 1 COMMENT

Some of the racks of Open Compute servers inside the new Facebook data center in Lulea, Sweden. The facility is Facebook's first data center outside the U.S. (Photo: Facebook).

**Facebook** has gone live in Lulea. The company's huge new data center in Sweden is now handling traffic from around the world, marking the first expansion of Facebook's infrastructure beyond the United States. The international presence reflects the changing nature of Facebook's users base. About 79 percent of the company's 1.11 billion users are outside the U.S. and Canada.

The location of the new data center takes advantage of the cool climate in Lulea, a seaside town of 45,000 on the edge of the Arctic Circle, at approximately the same latitude as Fairbanks, Alaska. That cool weather will allow Facebook to...

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# Heightened industrialisation

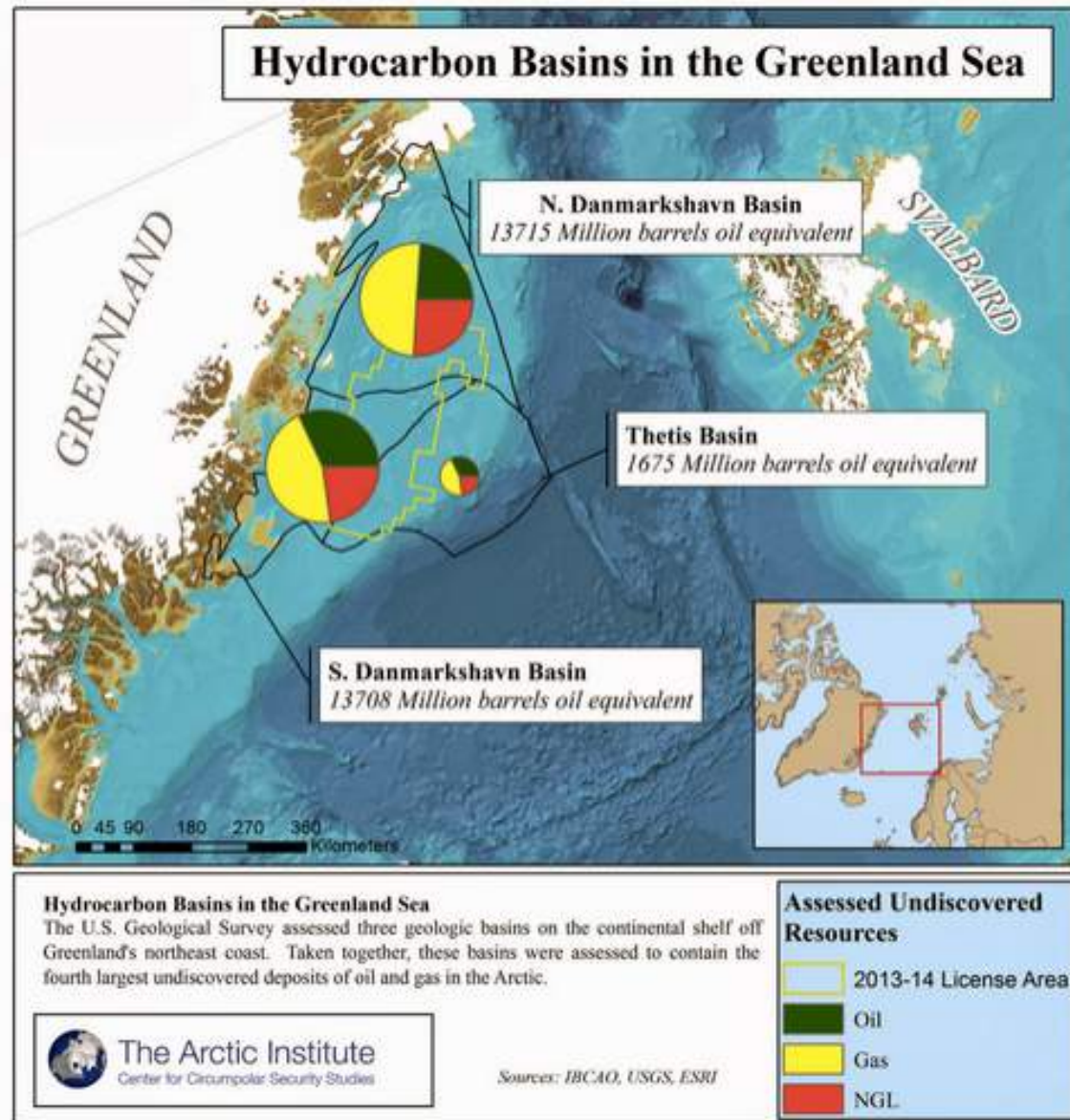




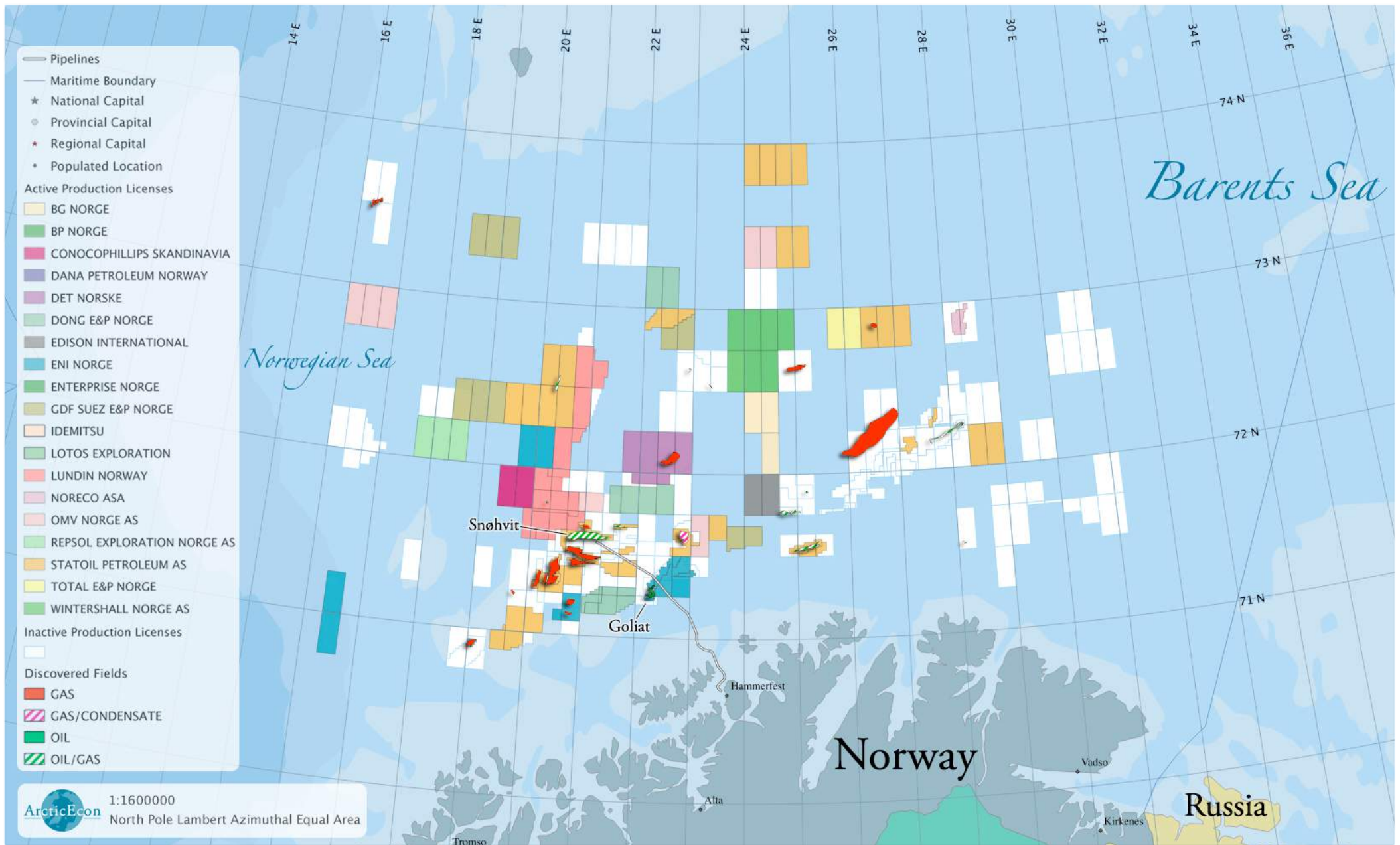
# Moving Kiruna







While development of oil and gas in Greenland has historically focused on offshore areas west of Greenland, the Bureau of Minerals and Petroleum of the Government of Greenland awarded the first oil and gas exploration and exploitation licenses for eastern Greenland on 20 December, 2013. The initial four licenses were awarded to three consortia of companies that have been involved in seismic exploration in the region since 1989. In





# Intensified Civil Society engagement



Kommunalminister Jan Tore Sanner (til høyre) besøker tirsdag Kautokeino, hvor politikerne nylig sa nei til konsekvensutredning av gruvedrift.  
 FOTO: JOHAN ANTE UTSI

## Respekterer Kautokeinos gruve-nej





Washington Post/Associated Press, August 21, 2013



Protester arrested by police in Sweden while protecting Sami territory.

JOKKMOKK, Sweden — Police have removed some 50 screaming and singing activists who were blocking a road in northern Sweden to protest a British company's plans to build an iron ore mine. [READ THE](#)

## Naturvernforbundet i Finnmark Finnmárkku luonddugáhttenlihttu

[Finnmark](#) > [Gruvedrift](#) > [Høyre og Nussir](#)



Fra markering mot Nussirs gruveplaner, Kvalsund august 2013. (Foto: Svein Lund).

## Høyre og Nussir

Naturvernforbundet svarer på Finnmark Høyres utspill om å bruke Nussir i valgkampen.



# Ordførere i Finnmark: – Gruvedrifta må bidra mer til kommunene

Mineralnæringen må bidra mer til kommunene og lokalsamfunnene, det mener flere finnmarksordførere.



Gruvedrift i Finnmark

Ordførere i Tana, Sør-Varanger, Karasjok og Kautokeino har vært i samtaler om innspill til ny mineralstrategi. Foto: Bård Wormdal.



Kaspar Fuglesang



Journalist  
Erik Lieungh  
@ErkLieungh

MER OM GRUVEDRIFT I NORD

Publisert 27.02.2012, kl. 19:42



Regjeringen jobber nå med en ny mineralstrategi, og dette er et viktig innspill til den, mener Arbeiderpartiets Helga Pedersen.



# Futures

**Climate change**

**Urbanization**

**Heightened Industrialization**

**Civil society/civic demands**

***What about societal security in the Arctic?***



**большое спасибо!**

**Kiitos paljon!**

**Tusen takk!**

**Thank you!**

