

March 2009



United Nations  
Educational, Scientific and  
Cultural Organization

Organisation  
des Nations Unies  
pour l'éducation,  
la science et la culture

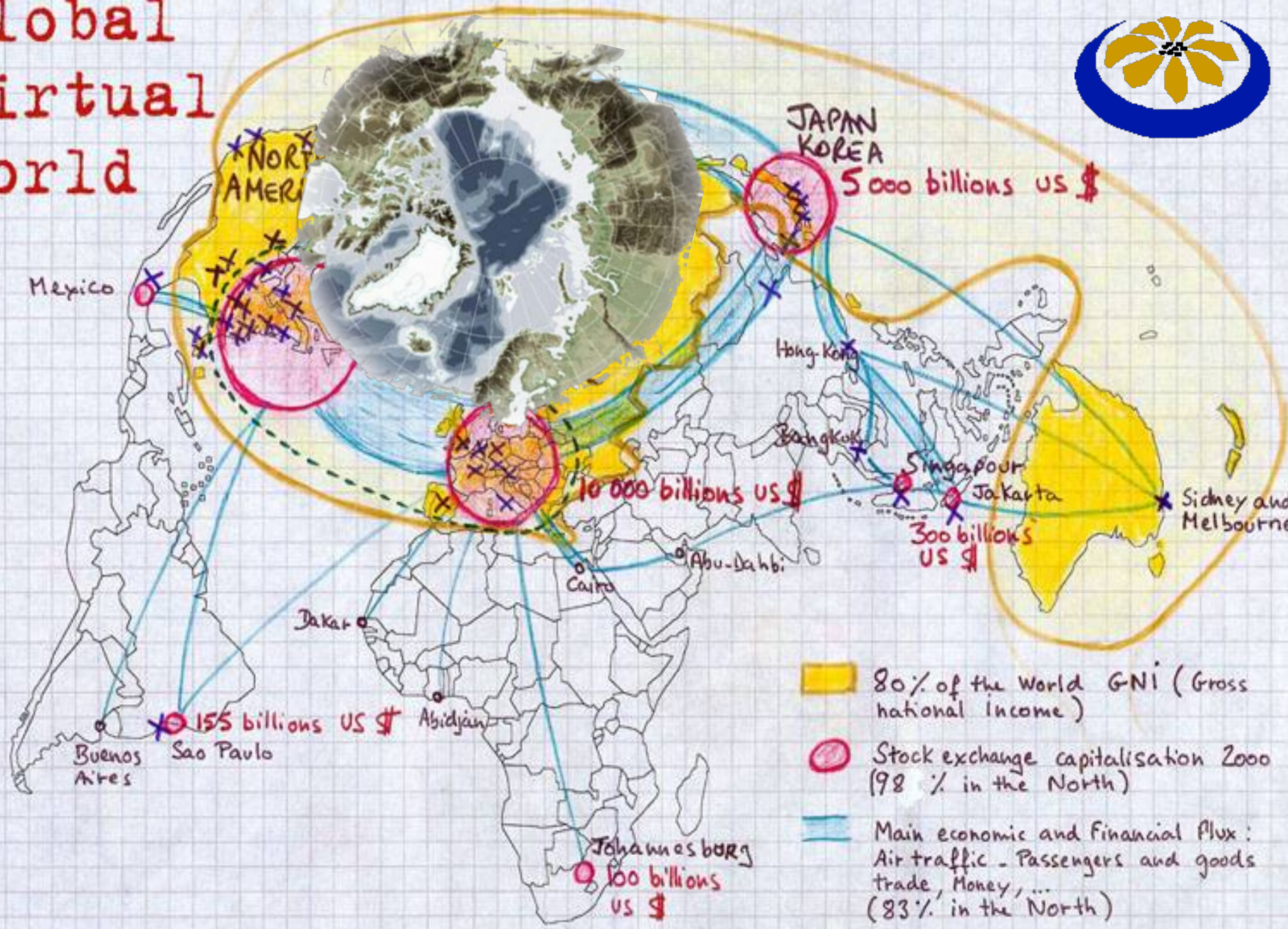
## Education for sustainable development Lars Kullerud

[www.uarctic.org](http://www.uarctic.org)





# Global Virtual World



- 80% of the World GNI (Gross national income)
- Stock exchange capitalisation 2000 (98 % in the North)
- Main economic and financial Flux: Air traffic - Passengers and goods trade, Money, ... (83% in the North)
- Regions of origin and arrival of 82% of tourists in the World

**The Arctic is in the CENTRE**

**WHO DRIVES  
circumpolar  
cooperation in  
science and higher  
education**



**UNESCO**

**EU NORTHWEST DIMENSION**

**UNEP**

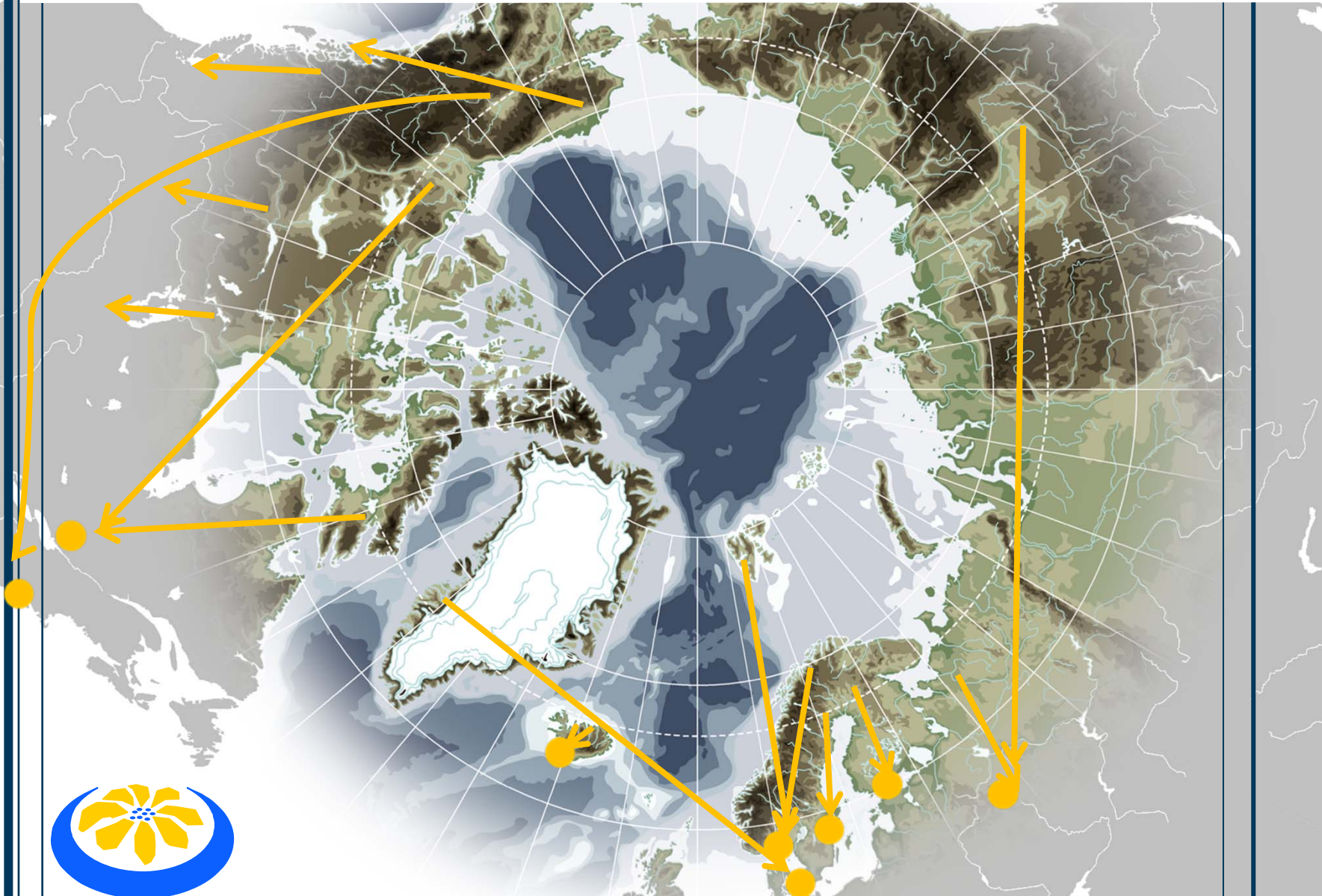


Education  
and research  
Does make  
a difference!

**Who rules?**



# The Arctic as it was





## School system challenges

Counteract the old system with a high degree of unemployment, import of, often short term, experts, and outmigration of youth. It is normally the females that leave and males who stay behind, leading to many social problems.

- Skilled teachers with local roots (language, culture, local knowledges)
- education driven by central norms and poorly fit the local needs
- Provide training that is relevant for local job markets.

## What this meeting can do

- State the obvious: Education matters!
- Good practice should be identified and promoted (CA+ NO UNESCO initiative)
- Monitoring and Quality norms should be adapted to value RELEVANT knowledge and skill sets.





## Higher Education challenges

- Relevant
- Promote different knowledge systems
- Less populated North cannot easily compete on size
- Serve the non traditional student

### Solutions:

- Share resources
- Divide roles
- Together form the critical mass (research, relevance, quality)

## What this meeting can do

- State the obvious: Education matters!
- Science in the north and by the north, and their way!
- Encourage UNESCO & UNEP as well as the world to work with northern universities and colleges.



## Science & Research

### Polar Years

ICARP – International Conference on Arctic Research Planning

IPY – as process (human dimension, down up project identification)

### Challenges this meeting should address

- people of the North: an object of study – or the ones who study?
- Who decide what is researched ?
- Who control the monitoring and research capacity, where do the knowledge reside?
- Collaboration among research funders !
- Research based education; in the north, by the north, for the world
- Keep the spirit of the IPY, ensure the world care about Polar Issues
- Arctic Monitoring Network, to be closely linked to local education and knowledge institutions.



# University of the Arctic

Network of Universities and other higher education institutions



116 members

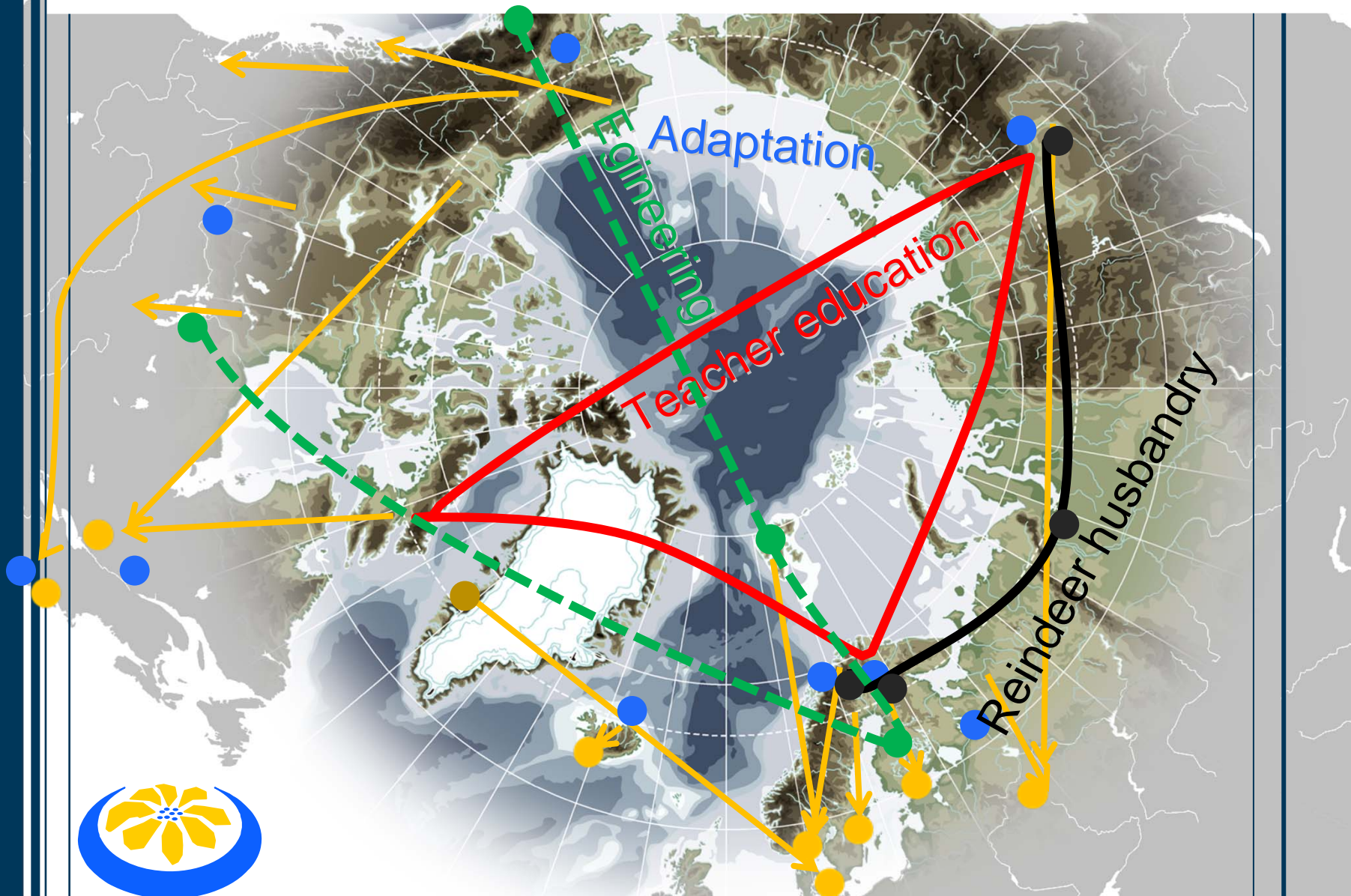
Sharing resources

700 000 students

50 000 faculty



# The Arctic is what we share: Collaboration in Thematic Networks







**Shared Focus:** Thematic Networks

**Shared Learning:** Undergraduate Studies

**Shared Competence:** Graduate Studies

**Shared Knowledge:** Knowledge and Dialogue

**Shared Experiences:** Mobility

**Shared Resources:** Service to members

**Shared Organization:** UArctic as an Organization



**THANKS**











- The University of the Arctic (UArctic) was established in 2001 based on the mandate received through the Iqaluit Declaration of 1998 where the Ministers of the Arctic Council “**welcome, and are pleased to announce the establishment of the University of the Arctic, a university without walls...**”.
- The University of the Arctic has grown to a network of 116 Universities, Colleges, and other higher education institutions, as well as Indigenous Peoples’ Organisations, evenly distributed in the Circumpolar North.
- UArctic organises a comprehensive set of programs, including cooperation in the delivery of undergraduate and graduate studies, mobility, and promotion of northern education and research capabilities.





Support

UNIVERSITY OF THE ARCTIC



Eighth Conference of Parliamentarians of the Arctic Region, Fairbanks, the United States of America, 12-14 August 2008

## CONFERENCE STATEMENT

Encourage the University of the Arctic to **build practical capacity** in the north to address the challenges of **adaptation to climate change**, and to solve the Arctic's needs for **energy**, from technical, cultural, economic as well as environmental perspectives, and to provide further **education of health care personnel** with special focus on Arctic conditions.





- UArctic aims at considerable growth in its members activities towards our overall goals.
- UArctic will establish a legal entity with a funding mechanism that can receive and disburse funds to UArctic Activities from private and philanthropic sources. This shall complement member and government support to UArctic .
- National UArctic organizations will be created in Arctic States when needed to address legal constraints and national needs.





Stephen Jones, Chair  
Chancellor, UAF

Alexander Krylov,  
Vice Rector, Pomor State University

Andy Greenshaw, Vice Chair  
Associate Vice-President  
UAlberta

Lauri Lantto, Rector,  
Oulu university of Applied Sciences

Emöke Szathmáry,  
President U-Manitoba

Mikkel Berg,  
Student representative

Mary Simon  
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Jan Henry Keskitalo,  
Sami Univ. College

Barry P. Scherr,  
Provost, Dartmouth College

Erling Olsen,  
Former Speaker Danish Parliament

Claudia Fedorova, ex officio  
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Outi Snellman, ex officio  
International Secretariat

Rune Ryden, ex officio  
Membership committee, Council

Lars Kullerud, ex officio  
Uarctic President



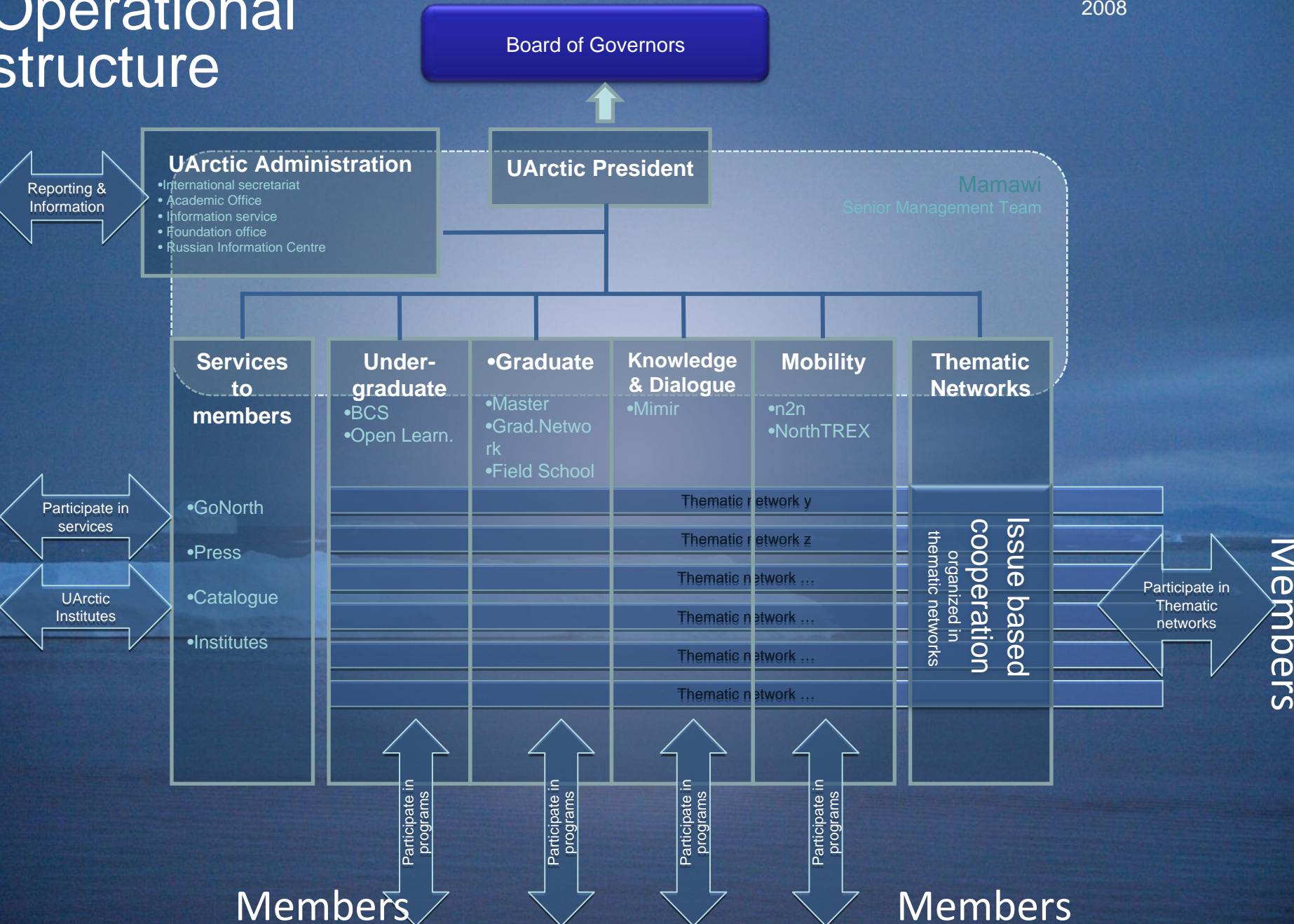
# UArctic Operational structure

The operational structure of UArctic is defined in the Strategic plan approved 2008

Members

Members

Members



Members

Members