



Welcome to a new university

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# UiT in numbers

- 2200 staff
- 8.650 students
- 2 billion NOK/Year  
20% external
- 100+ programmes
- 2 CoEs
- 5 sites



The University of Tromsø is a national and international catalyst for knowledge, growth and innovation in and about the High North.

# Organisation



- Six faculties:
  - Faculty of Health Science
  - Faculty of Science and Technology
  - Faculty of Humanities, Social Sciences and Education
  - Faculty of Marine Biosciences, Fisheries and Economics
  - Faculty of Fine Arts



# Some of our activities

- SeSiNor- Centre for Secure operations in the North
- M. Sc. in Energy and Environment
- Participation in Energy Campus North
- The Barents Institute
- Barents Remote Sensing School (BARESS)
- M. Sc in Business Creation and Entrepreneurship

# Centre for Secure Operations in the North

# SESINOR



# Challenges for operations in the North

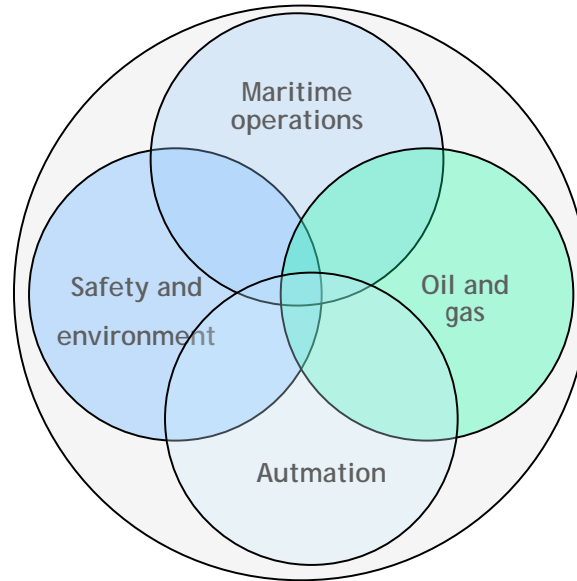


## Environment

Vulnerability  
Abundant marine resources  
Climate change

## Climate

Rough and instable weather  
Extreme cold  
Icing  
Permafrost  
Darkness  
Sea ice  
Melting ice



## Geography

Peripheral regions  
Large distances

## Demographics

Scattered population  
Few young people  
Decreasing population

## Infrastructure

Resources  
Support and transport  
Competence

## Some relevant issues

- Developing technology
- Zero emission requirements
- Increased risk
- Search and rescue
- New safety requirements
- Smaller margins of error
- Production regularity
- Demands for new technology
- Strain on human capacity
- Logistics
- Efficiency and economy
- Cooperation with Russia
- Geopolitics



# Cooperation with industry

- Research
- Internships during studies
- Masters degree projects
- Business PhD (Nærings-PhD)
- Advisory boards and centres for research driven innovation

# New building blocks in the North



- The government's new strategy for the High North, seven main issues:
  1. Environment and climate
  2. Surveillance, SAR and Safety at Sea
  3. Sustainable exploitation of oil, gas and renewable resources
  4. Support land based business development
  5. Infrastructure
  6. Ensure sovereignty and cross border cooperation
  7. Secure indigenous people's culture and livelihood

# Tromsø High North Cluster (THiNC)



- A cluster of research organisations located in Tromsø
- A key player in the High North strategy
- Provider of knowledge and competence
- Consists of:
  - The University of Tromsø, The Polar Institute NORUT, NOFIMA, Akvaplan-niva and The Institute of Marine Research