

Kolarctic CBC  
EU FINLAND NORWAY RUSSIA SWEDEN



# ENI Kolarctic CBC Transboundary projects in North Calotte and North Western Russia

*Tiia Kalske and Riina Tervo, TransParcNet meeting in Oulanka-Paanajärvi Transboundary Parks, June 2019*



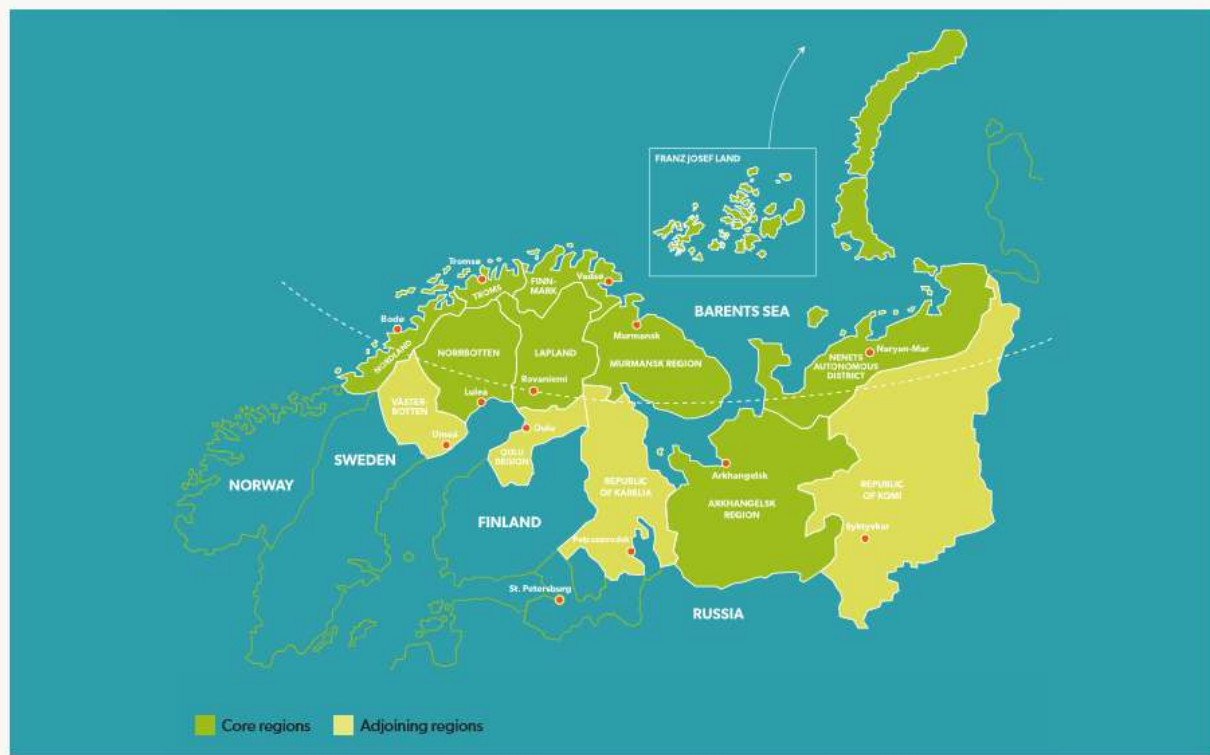
Fylkesmannen i Troms og Finnmark

Romssa ja Finnmarkku fylkkamánni  
Tromssan ja Finmarkun maaherra




METSÄHALLITUS

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Kolarctic CBC 2014-2020 in figures

4

 PARTICIPATING COUNTRIES

8

 CORE REGIONS

1.2

 MILLION KM<sup>2</sup> LAND AREA

2.9

 MILLION PEOPLE

63.4

 MILLION BUDGET

# Approved ENI Kolarctic CBC -projects in the Pasvik-Inari area and North Calotte

- CoASal (1,3 M€) - Atlantic salmon and climate change
- Cross-Border dialogue and multiuse planning (400 000 €) - Water management and planning
- PAN (2,6 M€) - Phenomena of Arctic Nature
- ReArc (Total budget 2,9 M€) - Restoration of Arctic waters
- SALMUS (2,1 M€) - Salmonid fish and Fresh water pearl mussel

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Whooper swans on Pasvik river. Photo: Steinar Wikan

Conserving our Atlantic salmon as a sustainable resource for people in the North; fisheries and conservation in the context of growing threats and a changing environment – CoASal (KO4178)

#### Specific objectives and outcomes

- Document and investigate changes in the coastal salmon fishery due to new regulations, ecology and catches composition
- Examine major threats to wild salmon stocks in the Barents region; climate change, growing cage culture and diseases
- Awareness and knowledge raising and cooperation between local fishermen, managers and scientists in all four countries
- Partners from Norway, Russia, Finland and Sweden

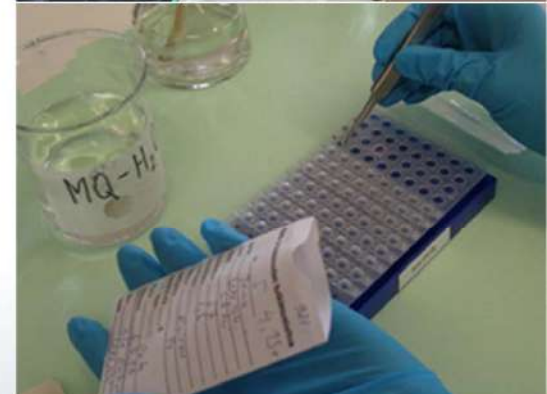
Approved for funding: March 2019 (1,3 mill. €)

Project start: in late 2019/ early 2020

Project period: 24 months

Photo: Eero Niemelä

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## *Cross-border dialogue and multiuse-planning in the Pasvik and Grense Jakobselv river catchments (MUP)*



Sustain and improve the state of the environment within the catchment areas of Pasvik (Paz/Paatsjoki) and Grense Jakobselv (Vorjema/Vuoremijoki) rivers, to the benefit of the local population and for a viable economy in the Russia, Norwegian and Finnish border area.

To develop a new Pasvik and Grense Jakobselv multi-use plan as a tool for future transboundary environmental management.

Project period: 1.12.2018–30.11.2020

Partners: County Governor of Troms and Finnmark, Lapland ELY-centre and Pasvik zapovednik



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Foto: Pasvik zapovednik

### Expected results:

- Multi-use plan is to be a practical management tool, including a program of measures for the years 2021-2030
- Themes ranging from fisheries management, pollution issues to erosion control etc.

### Time table 2019-2020

- Kick off 21<sup>st</sup> March 2019
  - Main aim on planning process and procedures
- Finalised plan in November 2020

### Main planning themes – results from Kick off meeting and public meetings spring 2019

- Monitoring of air quality, aquatic and terrestrial ecosystems- effects of industrial emissions and climate change
- Water regulations and their effects
- Environmental education
- Fish and fishing
- Waste water discharges



# PAN – Phenomena of Arctic Nature

Objectives are to

- increase awareness on vulnerable arctic nature and its unique phenomena among tourism entrepreneurs, tourists, students and pupils as well as local people
- produce new contents and services for tourism businesses
- create operative network of visitor centres along Green Belt of Fennoscandia in three countries



# PAN's

## concrete results include

- workshops for entrepreneurs and managers of nature protection areas about
  - 1. concepting new products and services based on Arctic nature in sustainable tourism and
  - 2. wood architecture
- seminars providing different approaches to arctic nature and sustainable nature-based tourism
- new nature observation sights and restoration of old log buildings for information and guiding purposes
- new exhibitions and av-presentations to visitor and nature centres, materials for environmental education to schools

partners are managers of visitor centres, research institutes, university of applied sciences for tourism, youth centre, architect office and municipality





# Ecological Restoration of Arctic Rivers - KO1078 ReArc



- 2019 - 2021 (three years)
- Total budget 3 M€
  - Kolarctic CBC (5/6) and national funds (1/6)
- Partners:
  - County Administrative Board of Norrbotten, Luleå, SWEDEN (Lead partner)
  - Pechenga local public organization on ecological enlightenment "EcoCentre", Nickel, RUSSIA
  - Metsähallitus, Parks and Wildlife Finland, Rovaniemi, FINLAND
  - Centre for Economic Development, Transport and the Environment in Lapland, Rovaniemi, FINLAND
  - Norwegian Water Resources and Energy Directorate, Narvik, NORWAY



# Ecological Restoration of Arctic Rivers

## - KO1078 ReArc



Photo: Mia Vuomajoki

- Main objectives
  - Ecological restoration of human-modified arctic rivers (← the EU Water Framework Directive and the Russian Water Codex and Federal Programme)
    - Mapping and restoration of 200 km of arctic rivers
    - Removal of migration barriers for fish and other aquatic organisms
    - Restoration of spawning areas for fish
    - Building of erosion protection
- Novelty: Finland, Sweden, Norway and Russia work on river restoration together
  - Knowledge exchange



# SALMUS - Salmonid Fish and Freshwater Pearl Mussel - Ecosystem Services and Biodiversity in the Green Belt of Fennoscandia (KO1017)

- 1.3.2019-28.2.2022
- 8 partners from Sweden, Russia, Norway and Finland
- Budget 2,1 Me



Main objective:

**to enhance cooperation and to streamline common practices for assessing the status of streams and rivers, and especially of freshwater pearl mussel (FPM) and salmonid fish as indicators of ecosystem function and health**

Main outcomes:

- Development of the cross-border cooperation and methodology in a way that leads to permanent operational models
- Improvement of knowledge base for the conservation of river ecosystems in the GBF
- Development of novel approaches applied for restoring the state of declining FPM populations
- Increased awareness and attractivity of the cross-border ecosystems



Kiitos! Takk! Спасибо! Giitu!  
Thank you!



Photo: Eupen Aarnes ©



*Vann langs felles grense  
Gir evig kraft og kilde til liv  
Krever grenseløs omtanke*

*Vesi yhteisellä rajalla  
Iankaikkista voimaa ja elämän lähde  
Vaatii rajatonta harkintaa*

*Воды вдоль общей границы  
Вечная сила и источник жизни  
Требуют безграничной заботы*

Photo: Mikko Alpas-Kallan

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