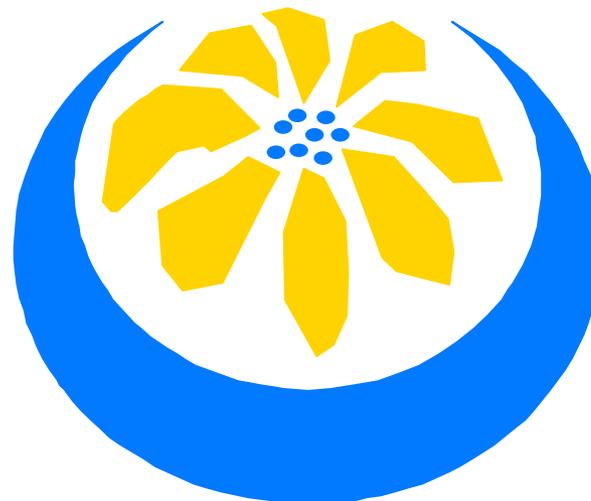




**UArctic EALÁT Institute**



# UARctic EALÁT Institute

Mikhail Pogodaev, President of the Council, Chair of WRH, PhD.  
UARctic EALÁT Institute at International Centre for Reindeer Husbandry

Umea 23 April 2014





we are running out of time

# The Arctic is Changing

**We need active  
local societies**

**We need  
engaged youth**

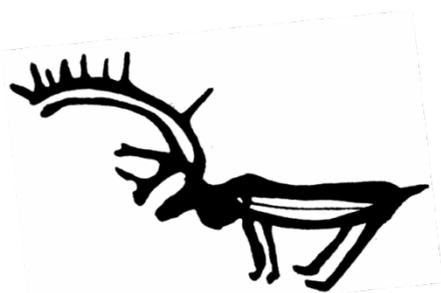
**We need  
competence  
and confidence  
building**

act now before it's too late

# Reindeer herding and climate change

## Reindeer herders' vulnerability network study.

# EALÁT- something to live on



Ассоциация «Оленеводы Мира»  
Association of World Reindeer Herders



ARCTIC COUNCIL  
NORWEGIAN CHAIRMANSHIP  
2006-2008

# IPY EALÁT-Information in Arctic Council : 21 Community-based Workshops

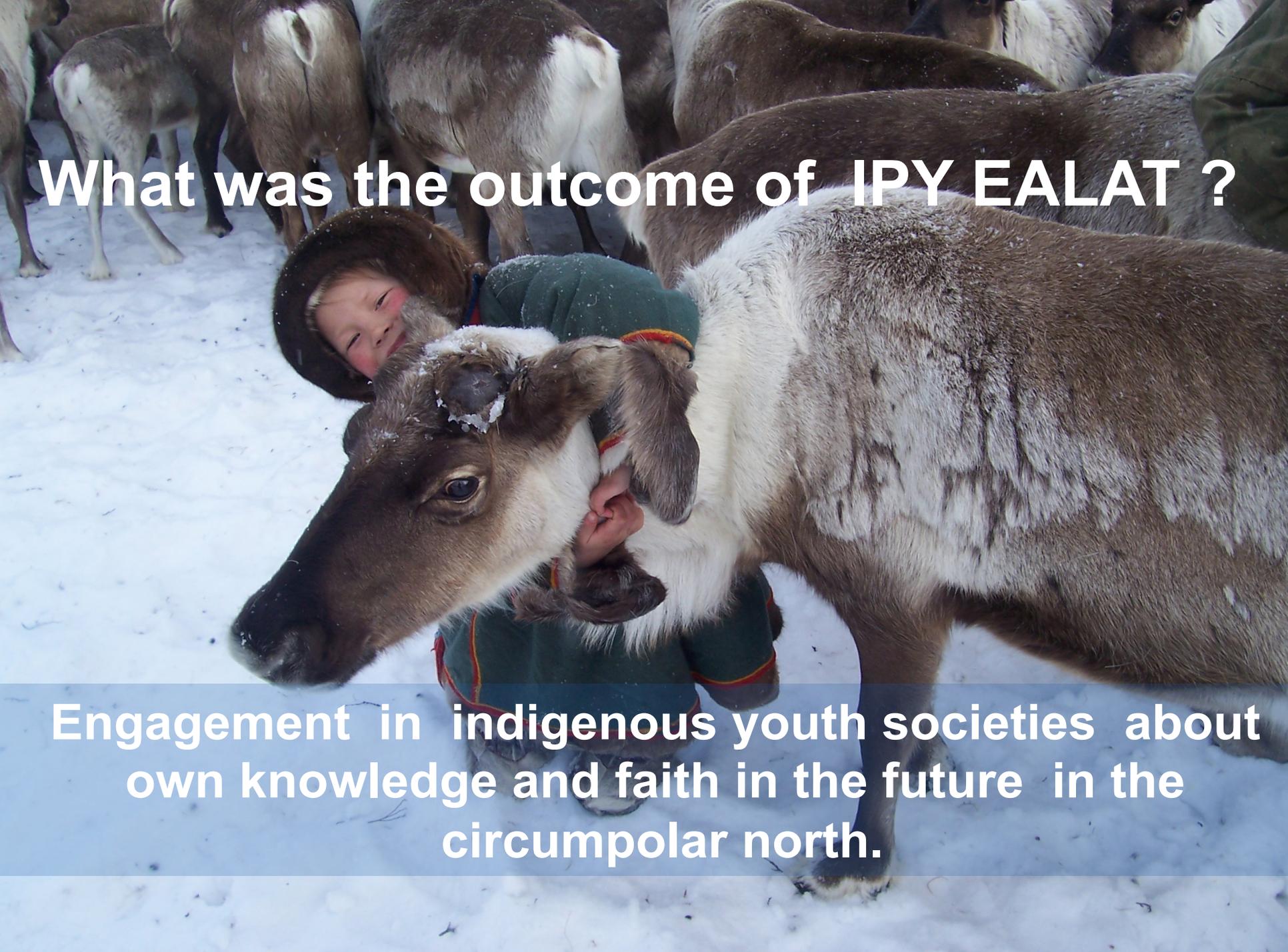


-  Implemented Workshops
-  Planned workshops



Sat. imagery  
by NASA



A young child in a green jacket is hugging a reindeer in a snowy field. The reindeer has a brown and white coat and a red collar. Other reindeer are visible in the background.

**What was the outcome of IPY EALAT ?**

**Engagement in indigenous youth societies about own knowledge and faith in the future in the circumpolar north.**

**We conclude that adaptation to climate change demand training of local arctic leaders in long term sustainable thinking, based on the best available adaptation knowledge, both scientific and experienced-based traditional and local knowledge.**

Picture: Anders Oskal, EALÁT 2009

**E A L Á T**  
P R O J E C T



**EALÁT**  
PROJECT

# REINDEER HERDING, TRADITIONAL KNOWLEDGE AND ADAPTATION TO CLIMATE CHANGE AND LOSS OF GRAZING LAND

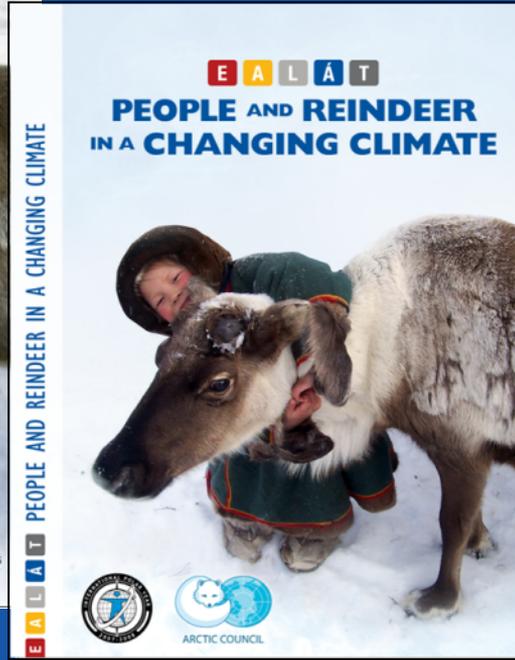


Ассоциация «Оленеводы Мира»  
Association of World Reindeer Herders

A PART OF THE IPY EALÁT CONSORTIUM. THE EALÁT PROJECT (IPY # 399) - REINDEER HERDERS VULNERABILITY NETWORK STUDY: REINDEER PASTORALISM IN A CHANGING CLIMATE. AN ARCTIC COUNCIL SUSTAINABLE DEVELOPMENT WORKING GROUP PROJECT LED BY NORWAY AND ASSOCIATION OF WORLD REINDEER HERDERS (WRH).



International Centre for Reindeer Husbandry  
Международный Центр Оленеводства  
Riikkaidgaskasaš Boazodoalloguovddáš



ARCTIC COUNCIL

## SDWG EALÁT Delivered Reports to Arctic Council Ministerial Meetings



**EALÁT** REINDEER  
HERDERS'  
VOICE:

Anders Oskal,  
Jillian Mathis Turk,  
Svein D. Mathiesen  
and Philip Burgess

Reindeer herding, traditional  
knowledge and adaptation to climate  
change and loss of grazing land

# Capacity building in local reindeer herding communities



Nenets siblings, Nadym, Western-Siberia



Even girl, Sakha, Eastern-Siberia



Even children, Sakha, Eastern-Siberia



Chukchi boy, in the tundra of Chukotka



# IV WORLD REINDEER HERDERS' CONGRESS

## IV КОНГРЕСС ОЛЕНЕВОДОВ МИРА

Kautokeino - Каутокейно 2009



# UArctic Institute of Circumpolar Reindeer Husbandry



UNIVERSITY OF THE ARCTIC



Sámi University College (SUC)  
Association of World Reindeer Herders (WRH),  
International Centre for Reindeer Husbandry (ICR)

Rovaniemi November 2, 2009

Re: UArctic Institute

I am pleased to inform you that University of the Arctic Board of Governors have approved the UArctic Institute of Circumpolar Reindeer Husbandry (EALAT UArctic Institute), under the cooperation of Sámi University College (SUC), the Association of World Reindeer Herders (WRH) and the International Centre for Reindeer Husbandry (ICR) as an UArctic Institute.

UArctic Institutes or centres, are units at member institutions devoted to circumpolar cooperation, normally within a specific area. UArctic institutes can be physical entities with assigned staff, or a group of experts that assign part of their time to a physical or virtual centre at a member institution or distributed among a few members. UArctic institutes must found their operations on UArctic values and work towards some of the UArctic goals and are typically devoted to some of the objectives of a thematic network or specific functions of UArctic programs. Members of UArctic can be granted the right to use the UArctic label for institutes and centres based on a formal application and external evaluation procedure with final approval from the Board. Arctic institutes each have their own governance system and funding mechanism. The UArctic President can, on a case-by-case basis, give UArctic institutes the right to use the UArctic identity for specific fundraising initiatives. UArctic institutes report on their activity to UArctic annually, and their status as a UArctic institute will be evaluated by UArctic regularly, at a minimum every third year. UArctic institutes normally pay a UArctic fee. The fee is based on the turnover of the institute and shall be kept at a modest level. The fee is agreed for a three-year period.

The University of the Arctic is excited about the possibilities that this new Institute will create in the field of reindeer husbandry among its cooperating members, and its future contributions to the activities of the University of the Arctic. We look forward to engaging in development discussions about this new partnership in the near future.

Sincerely,

Outi Snellman  
Vice-President Administration  
University of the Arctic



UArctic is endorsed by the  
International Polar Year (IPY)

University of the Arctic International Secretariat, Box 122 Arctic Centre, 96101 Rovaniemi, Finland, secretariat@uarctic.org  
www.uarctic.org



Signing the Institute establishment agreement in Kautokeino, 4th WRH meeting



Magga, Kautokeino 2006



Meeting with the founding partners:  
Sámi University College, WRH  
International Centre for Reindeer Husbandry  
Sámi University College

# Signing of Founding Principles of UEI

Kautokeino, November 5, 2010



International Centre for Reindeer Husbandry  
Международный Центр Оленеводства  
Riikkaidgaskaš Boazodoalloguovddáš



Sámi allaskuvla  
Sámi University College





# UArctic Institute for Circumpolar Reindeer Husbandry

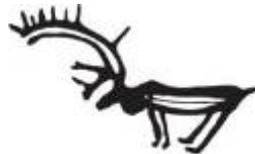
## Purpose of the UArctic EALÁT Institute

The Institute aims at a continued contribution to a holistic strengthening of knowledge development, research, education, monitoring, information and outreach for circumpolar reindeer husbandry.

The Institute shall be a tool for recruiting indigenous youth to scientific work and Arctic leadership

The Institute shall contribute to building competence locally in reindeer herders' societies,

Picture: Anders Oskal, EALÁT 2009



Ассоциация «Оленеводы Мира»  
Association of World Reindeer Herders



UNIVERSITY  
OF THE ARCTIC



International Centre for Reindeer Husbandry  
Международный Центр Оленеводства  
Riikkaidgaskasaš Boazodoalloguovddáš



Sámi allaskuvla  
Sámi University College

**Due to the rapid changes in the Arctic, the institute focus on knowledge production related to reindeer herders' traditional knowledge, land use change and their food cultures, through increased information, documentation, research, monitoring and education.**



International Centre for Reindeer Husbandry  
Международный Центр Оленеводства  
Riikkaidgaskaš Boazodoalloguovddáš



# Opening UArctic EALÁT Institute Kautokeino 23-25th March 2011



**President Egil Olli of the Sámi Parliament Opening the Institute  
President Mikhail Pogodaev of the Institute Council Address  
Circumpolar UArctic Reindeer Herding Students on Stage**



UArctic Rectors attending, as part of UArctic Rectors' Forum





FONDATION  
PRINCE ALBERT II DE MONACO



International Centre for  
Международный Центр  
Riikkaidgaskaš Boazod



UNIVERSITY  
OF THE ARCTIC



# Memorandum of Understanding



International Centre for Reindeer Husbandry  
Международный Центр Оленеводства  
Riikkaidgaskaš Boazodoalloguovddáš

Signing MoU with NEFU, Yakutsk, March 2012



# UEI Partners (in no particular order)



Ассоциация «Оленеводы Мира»  
Association of World Reindeer Herders



International Centre for Reindeer Husbandry  
Международный Центр Оленеводства  
Riikkaidgaskaš Boazodoalloguovddáš



Sámi allaskuvla  
Sámi University College



UNIVERSITY OF LAPLAND  
LAPIN YLIOPISTO



Norges veterinærhøgskole



СЕВЕРО-ВОСТОЧНЫЙ ФЕДЕРАЛЬНЫЙ  
УНИВЕРСИТЕТ ИМЕНИ М.К. АММОСОВА



Environmental Knowledge for Change



ARCTIC PORTAL



International Centre for Reindeer Husbandry  
Международный Центр Оленеводства  
Riikkaidgaskaš Boazodoalloguovddáš



FONDATION  
PRINCE ALBERT II  
DE MONACO

# UEI Partners (in no particular order)

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- ❑ Association of World Reindeer Herders (founding)
- ❑ International Centre for Reindeer Husbandry (founding)
- ❑ Sami University College (founding)
- ❑ Arctic University of Norway (UiT/ BFE)
- ❑ ULapland University Consortium
- ❑ Umea University
- ❑ North-Eastern Federal University
- ❑ Herzen University
- ❑ Norwegian School of Veterinary Science (i.e. Univ of Life Sciences, Norway)
- ❑ Yamal Polar Agro-Economic Technikum
- ❑ Arctic Portal, Iceland
- ❑ UNEP/ GRID-Arendal, Norway



# Arctic Lavvu Dialogue with Anne Husebekk, Rector of the Arctic University of Norway (UiT), Kautokeino, June 2013



International Centre for Reindeer Husbandry  
Международный Центр Оленеводства  
Riikkaidgaskaš Boazodoalloguovddáš



Ассоциация «Оленеводы Мира»  
Association of World Reindeer Herders



A New UArctic Institute established

UNIVERSITY OF THE ARCTIC

# UArctic EALÁT Institute



International Centre for Reindeer Husbandry  
Международный Центр Оленеводства  
Riikkaidgaskaš Boazodoalloguovddáš



Sámi allaskuvla  
Sámi University College



# UArctic EALAT Institute, IPY LEGACY: Training of future Arctic indigenous leaders



**Kautokeino Norway, March 19-30, 2012**  
*Lectures, panels, simulations,  
individual coaching*



**Training Future Indigenous Arctic Leaders**  
**Russian, Mongolian and Scandinavian**  
**Indigenous Reindeer Herding Youth**



St.Petersburg, Russia  
30th Nov 2012



**TRAINING OF FUTURE ARCTIC LEADERS**  
UArctic EALÁT Institute course program, at  
Institute of Indigenous Peoples of the North,  
Herzen University, St.Petersburg



Engaging 40 youth  
from reindeer herding  
communities across  
the Russian north



**FONDATION  
PRINCE ALBERT II  
DE MONACO**



UNIVERSITY  
OF THE ARCTIC

# Adaptation to Global Change in the Arctic

Prof. Svein Mathiesen, Sámi University College, International Centre for Reindeer Husbandry & Thule Institute, University of Oulu

## Main Themes:



Introduction to adaptive research in the Arctic.



Adaptive capacity to change of natural and social systems in the Arctic.



Combining and integrating natural, social and traditional knowledge. A new kind of knowledge?



Development of adaptive strategies to change, locally and nationally. Opportunities and constraints to adaptation.

## Challenges that Students Will Deal With Include:



How can the vulnerability of Arctic human-ecological systems to societal-natural perturbations be effectively characterised?



Which perturbations (at local, regional, and/or global scales) pose the greatest risks?



How do local communities respond to perturbations in societal and the natural environment?



What determines resilience and adaptive capacity and how can it be quantified in Arctic ecosystems?



What impacts result when ability to adapt to perturbations (at local, regional, and perhaps global scales) is constrained?



What adaptive strategies at local, regional, and global scales reduce unfavourable impacts and how might promising mitigation and adaptive strategies be facilitated?



# UArctic Master Course

## Adaptation to Globalisation in the Arctic Student/ User Interface is shown here:



### Virtual Learning Tools

- Show Items (4)
- Share Screen
- Share Whiteboard
- Stop Sharing
- Share Polls

- Participants (16)
- ✔ vltis
  - ✔ Bob Corel...
  - ✔ 858470
  - ✔ TOMO ONYA...
  - ✔ Anna Degt...
  - ✔ kathrine ...
  - ✔ Martin De...
  - ✔ Anna Degt...
- Invite... Manage

### VIT

Video Chat Recording



Now Sharing: Corell Live Chat.ppt

Docs Now Sharing File: Corell Live Chat.ppt Stop

Adaptation to Globalisation in the Arctic

The Case of Reindeer Husbandry

Live Chat with Dr. Robert Corell  
10h00 EST / 15h00 UK  
16h00 Norway / 17h00 Finland  
18h00 St. Petersburg

International Centre for Reindeer Husbandry  
Международный Центр Оленеводства  
Riikindigakooli Raazodooliguvorditi

Sámi allaskuvla  
Sámi University College

UNIVERSITY OF THE ARCTIC

A 10 ECTS-Credit Master Level Course,  
taught online in English and Russian

Dial-In: 702-473-3463 Passcode: 858470 Tools 00 : 20 : 42 End Meeting

### Public Chat

/nl-dead-seals-117.html

**Harry Borlase:** interesting example of more weird wildlife happenings in 2011

**858470:** good evening from Russia

**Martin Debusmann:** Good afternoon from UK. I am sitting in the library - I will be able to hear you but must not talk. Will use the chat instead.

**me:** Thanks for that Harry!

**Ravdna BM Eira:** Yes I can!

**Elina Kaisanlahti:** Hi everyone! I don't have microphone but I can here you!

**elina.mirzoeva:** i do

**Paula Smith:** Thanks for the article and yes I can hear you.

**elina.mirzoeva:** Philip. i can hear u but i have kind of double-voice. hear the echo

**Paula Smith:** same here, double echo.

**Ravdna BM Eira:** I also hear the same as Elina..

**858470:** my internet too slow i just can hear

**Natalia:** the same for me as well

**Elina Kaisanlahti:** I hear double echo aswell

**TOMO ONYANGO:** I cannot hear

**Harry Borlase:** I don't think Bob has a double echo

**TOMO ONYANGO:** I cannot here you.Tom

**me:** Can people hear Dr Corell?

**Natalia:** yes I can

**solei:** i can

**Paula Smith:** yes. clear.

**858470:** i can

**Harry Borlase:** Yes

**elina.mirzoeva:** yes! now its perfect! no echo

**Ravdna BM Eira:** yes very well, better that your echo-voice :)

**me:** 😊

Elina Kaisanlahti has left the meeting.





# Arctic Lavvu Dialogue

## A IPY Legacy



UNIVERSITY  
OF THE ARCTIC

UArctic EALÁT Institute at International Centre for  
Reindeer Husbandry , Kautokeino, Norway



UNIVERSITY  
OF THE ARCTIC

- *How does the global energy outlook affect the High North?*
- *How should energy resources in the High North be utilized to meet the world's energy demand?*
- *What kind of technology must be developed to ensure a sustainable utilization of energy resources in the High North?*
- *How does this impact the northern countries and local communities and their way of living?*



# Arctic Lavvu Dialogue

with HSH Prince Albert II of Monaco

Guovdageaidnu/ Kautokeino, Norway, 26th March 2012



Pics: R. Pravettoni, GridA



Involving 30 circumpolar  
reindeer herding youth from  
Russia, Scandinavia and  
Mongolia

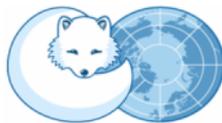


FONDATION  
PRINCE ALBERT II  
DE MONACO



# A Russian Federation Project in the Arctic Council

## EALLIN Reindeer Herding Youth



ARCTIC COUNCIL



Ассоциация «Оленеводы Мира»  
Association of World Reindeer Herders



International Centre for Reindeer Husbandry  
Международный Центр Оленеводства  
Riikkaidgaskaš Boazodoalloguovddáš



# ***Vision:***

To create a better life for  
reindeer herding youth



Pic: EALLIN field visit to Chukchi reindeer herders in  
Kolyma, Sakha, March 2012. M.Pogodaev/ ICR, 2012



# EALLIN workshops in Yakutsk, Sakha Republic, Russia, March 14-15, 2013



# Arctic Lavvu Dialogue

“Lavvu” is the Sámi term for the traditional (nomadic) tent



With this method...



...the youth start talking!  
TRAINING OF FUTURE ARCTIC LEADERS



# EALLIN Reindeer Herding Youth: Testing Technology Feasibility

**Siberian/  
Scandinavian  
Twin-Workshop**

*“Brought to you by  
Skype”*

**EALLIN Youth Workshop  
Feb 15-16, 2013, Jokkmokk, Sweden**

**EALLIN Youth Workshop  
Yakutsk, Sakha Rep, Russia**



ARCTIC COUNCIL



# ДАЖЕ В ТУНДРЕ МОЖЕТ ОН ЗАПЛАТИТЬ ЗА ТЕЛЕФОН!

ОАО "ЮНИКОРБАНК" ПРЕДЛАГАЕТ НОВУЮ УСЛУГУ - ECASH, ЭТО ВОЗМОЖНОСТЬ КРУГЛОСУТОЧНОЙ ОПЛАТЫ СО СВОЕГО МОБИЛЬНОГО ТЕЛЕФОНА УСЛУГ:

**МОБИЛЬНОЙ СВЯЗИ, ИНТЕРНЕТА,  
СПУТНИКОВОГО ТЕЛЕВИДЕНИЯ,  
ДЕТСКОГО САДА, КОММУНАЛЬНЫХ УСЛУГ.**

ВСЕ, ЧТО ВАМ НУЖНО - ЭТО СРЕДСТВА НА БАНКОВСКОМ СЧЕТЕ И  
МОБИЛЬНЫЙ ТЕЛЕФОН, ПОДДЕРЖИВАЮЩИЙ GPRS.

ПОДКЛЮЧЕНИЕ  
БЕСПЛАТНО  
до 01.09.2009

 **ЮНИКОРБАНК**  
Клиентский банк «ЮНИКОР» (структурное подразделение общества)  
Самостоятельное юридическое лицо с 01.09.2009

филиал Полярный ОАО "ЮНИКОРБАНК":

г. Салехард, ул. Чубынина, д. 14. Тел.: (34922) 4-19-00, 2-20-00

дополнительный офис г. Салехард, ул. Республики, д. 49. Тел.: (34922) 3-72-71

дополнительный офис г. Лабитнанги, ул. Гагарина, д. 28. Тел.: (34992) 2-32-99

# Social Media

Моя Страница ред.

Все друзья

Поиск друзей

Мои Друзья

Мои Фотографии

Пожалуйста вводите имя друга

Пригласить друга

Мои Видеозаписи

Мои Аудиозаписи

Мои Сообщения

Мои Новости

Мои Настройки

facebook <sup>2</sup> <sup>1</sup>

Søk etter personer, steder og ting

Anders Oskal | Hjem



- FAVORITTER
- Nyhetsoppdatering
  - Meldinger 10
  - Arrangementer 5
  - Bilder

- SIDER
- International Cent... 1
  - Sideoppdateringer 20+
  - Lik sider 20+
  - Opprett annonse

- APPLIKASJONER
- Applikasjonscenter
  - Spilloppdateringer 20+
  - Musikk
  - Notater
  - Lenker
  - Poker
  - Facebook for Android

- GRUPPER
- SDWG EALLIN - Reinde...
  - Adaptation to Globalisat... 20+
  - BOAZOSAGAT - R... 20+
  - SAJO, Sámi allasku... 7
  - Opprett gruppe ...

SDWG EALLIN - Reindeerherding and... Om Arrangementer Bilder Filer Varsler + Opprett gruppe

Skriv innlegg Legg til bilde/video Still spørsmål Legg til fil

Skriv noe ...

261 medlemmer (2 nye) · Inviter via e-post

+ Legg til personer i gruppen

NYLIGE INNLEGG

**Mikhail Pogodaev**  
Helena Omma giving a talk on behalf of WRH in Arctic Futures Symposium in Brussels (live streaming) — med Helena Omma.



Foreslåtte grupper Vis alle

- Ockupasjonen av akutvårdsavdeling...**  
Pierre Åhren er medlem  
Bli medlem av gruppen
- Vi som vill bevare umesamiskan**  
Pierre Åhren er medlem  
Bli medlem av gruppen
- Våga vågra varg i Sverige.**  
Pierre Åhren er medlem  
Bli medlem av gruppen
- Du vet att du är från Malå då du...**  
625 medlemmer  
Bli medlem av gruppen

# EALLIN Youth Workshop Hosted at Yamal Agro-Economic College Salekhard, Yamal, Sept 26, 2013

**TRAINING OF FUTURE ARCTIC LEADERS**  
Totally 37 Nenets, Khanty and Komi reindeer herding youth from Yamal



Held in relation to the RGS Arctic Dialogue Forum in Salekhard  
Sept 24-25, 2013



**Meeting with Duma Speaker Mr Sergey N. Kharuychi and the Ind. Peoples Department**



ARCTIC COUNCIL





Aoluguya, China, July 26, 2013:  
 SDWG EALLIN Youth Workshop with World Reindeer Youth  
 This session was run as an *Arctic Lavvu Dialogue*  
 Led and implemented by youth themselves



# AC Ministerial Meeting in Kiruna 2013

## Outreach of SDWG EALLIN

SVENSKA SÁMEGILLII EXPLOATERINGAR JAKT SAMETINGET NÅRINGAR ROVDJUR URFOLK



ARTISKA RÅDET  
**Renskötardom fick träffa ministrarna** SVT, 2013  
Publicerat: fredag 17 maj kl 11:43

När arktiska ministrarna samlades i Kiruna, fick ung renskötare möjligheten att berätta om rennäringens situation, hur intrång och rovdjur påverkar deras vardag. Elena Valkeapää är nöjd med mötet och hoppas att de tar renskötarnas situation på allvar.

- Stands, handouts, youth presence
- Young Sámi reindeer herder and EALLIN coordinator in Sweden Ms Elena Walkeapää in a special session with AC Ministers
  - Presenting findings from EALLIN in Sweden
  - In cooperation with Saami Council

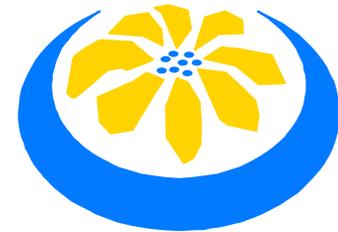


ARCTIC COUNCIL



# Nomadic Herders:

Enhancing the Resilience of Reindeer Herders' ecosystems and livelihoods IPY EALAT LAGACY PROJECT



Ассоциация «Оленеводы Мира»  
Association of World Reindeer Herders



# Arctic Resilience Interim Report 2013



участвуют в данной работе на равной основе с целью обеспечить устойчивое будущее своих сообществ. Проект осуществляется на Дальнем Востоке России и в Северной Монголии.

### Chapter 9

## Strategies to enhance the resilience of Sámi reindeer husbandry to rapid changes in the Arctic

**Lead authors:** Svein D. Mathiesen<sup>1</sup>, Bjørn Alfthan<sup>2</sup>, Robert Corell<sup>1</sup>, Ravnna B. M. Eira<sup>3</sup>, Inger Marie G. Eira<sup>3</sup>, Anna Degreve<sup>4</sup>, Kathrine I. Johnsen<sup>5</sup>, Anders Oskal<sup>6</sup>, Marie Roué<sup>1</sup>, Mikkel Nils Sara<sup>10</sup>, Eli R. Skum<sup>11</sup>, Ellen Inga Turi<sup>12</sup> and Johan Mathis Turi<sup>13</sup>

### 9.1 Introduction

Reindeer herding peoples of northern Eurasia have accumulated a unique knowledge about the social-ecological system of the environment in which they live. This case study focuses on the nomadic Sámi reindeer herding community of Guovdageaidnu (Kautokeino), Finnmark, Norway and is based on the work of the International Polar Year project EALÁT, Reindeer Herding and Climate Change, and on an ARR workshop in Guovdageaidnu in October 2012. It addresses the challenges of integrating multiple sources of knowledge in reindeer herding governance and suggests how resilience can be enhanced in Sámi communities.

The Sámi Siida is an ancient community system that involves a group of reindeer owners who practice reindeer husbandry jointly within a designated area (Sara 2011; Sara 2010). The Siida is an informal governance structure that has enabled reindeer herders to apply resilience-enhancing strategies such as promoting diversity and flexibility and is based on traditional knowledge of pasture areas, reindeer herds, and climate conditions (Turi 2008). Specialized language has also evolved to help herders cope with ecological variability and to minimize risks (Magma 2006; Eira 2012a). Since the 1600s, however, governments have increasingly influenced indigenous reindeer herding communities and economies through assimilation with host states, border management, and legislation. In 1852 the closing of the national border between Finland and Norway blocked migratory routes of nomadic reindeer herders in Guovdageaidnu. More recently, the 1978 Reindeer Husbandry Act in Norway has restricted the use of traditional knowledge in Sámi herding and social organization by not emphasizing reindeer herders' knowledge in the Act, contributing to an erosion of resilience locally in the Siidas (Eira 2012b).

Today, climate change and globally driven socio-economic changes are profoundly affecting reindeer herding cultures (Magma et al. 2011; Oskal et al. 2009). Regional scenarios predict dramatic changes in land use, temperature, precipitation, and snow conditions for key reindeer herding areas (Magma et al. 2011; Vistnes et al. 2009; Oskal et al. 2009). Traditional knowledge, including social organization and languages of the Sámi people, are considered critical to ensuring effective governance of reindeer herding systems. Greater autonomy and strengthening of Sámi institutions will help build adaptive capacity to deal with rapid change. Resilience thinking provides a framework for strengthening adaptive capacity locally in herding communities, by combining traditional knowledge with other ways of learning and understanding.

Figure 9.1 Finnmark



# ARCTIC LAVVU/ CHUM DIALOGUE with Yamal reindeer youth



## Demonstration of traditional and modern food culture, by students



RAIPON President Grigory Ledkov  
with the EALLIN youth





Course:

# Reindeer herders Circumpolar food cultures



International Centre for Reindeer Husbandry

Международный Центр Оленеводства

Riikkaidgaskasaš Boazodoalloguovddáš



## Arctic Indigenous Peoples' Culinary Institute Guovdageaidnu/ Kautokeino

Concept Note, PM



Pics: Monica A. Sundset/ EALÁT ICR, Johan Mathis Gaup/ Thon/ ICR, Svein D Mathiesen/EALÁT ICR, Anders Oskal/ EALÁT ICR, Inger Marie Gaup Eira/ EALÁT, Trym Ivar Bergmo/ IPY.



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Riikkaidgaskasaš Boazodoalloguovddáš



## Biebmu - Partners:

- ❑ Thon Hotels AS/ Olav Thon Group
- ❑ ICR & WRH
- ❑ UArctic EALÁT Institute at ICR
- ❑ Norwegian School of Veterinary Science
- ❑ Sámi Upper Secondary & Reindeer School
- ❑ Guovdageaidnu/ Kautokeino Municipality

## Biebmu - Centre for Food Culture Guovdageaidnu/ Kautokeino (Sketch draft)



## Content:

- ❑ Food Amfi-Theatre
- ❑ Culinary Institute: Documentation, research, education and training
- ❑ Local Attraction

**Course:**

**Reindeer herders meet Arctic Industrial Development**

**Sustainable development and  
environmental impact assessment with reindeer peoples  
perspectives**

**students from Russia, Finland,  
Sweden, Norway , USA and Canada?**



# Reindeer Youth Exchange Program: Nenets AO and Norway 2014-2015

Ненецкий автономный округ



Meeting with Governor Igor Fedorov of Nenets AO  
October 2012. Pic: ICR, 2012



Visiting Nenets reindeer herders of the  
Kharp Collective Farm, Nenets Autonomous  
Area, October 2012. Pics: ICR, 2012



# Youth engagement through competence and confidence building is key for local societies' capacity for understanding and responding to Arctic change



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



International Centre for Reindeer Husbandry

Международный Центр Оленеводства

Riikkaidgaskaš Boazodoalloguovddáš

A large herd of reindeer with prominent antlers is gathered in a snowy, forested landscape. The reindeer are standing on a thick layer of snow, and the background is filled with snow-covered evergreen trees. The scene is captured in a cool, blue-toned light, suggesting a winter or early morning setting. The reindeer are facing various directions, some looking towards the camera. The overall atmosphere is serene and cold.

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

Reindeer herding of  
*Ran Sámi Village, Sweden*  
Pic: Silja Jonsson/ ICR, 2010



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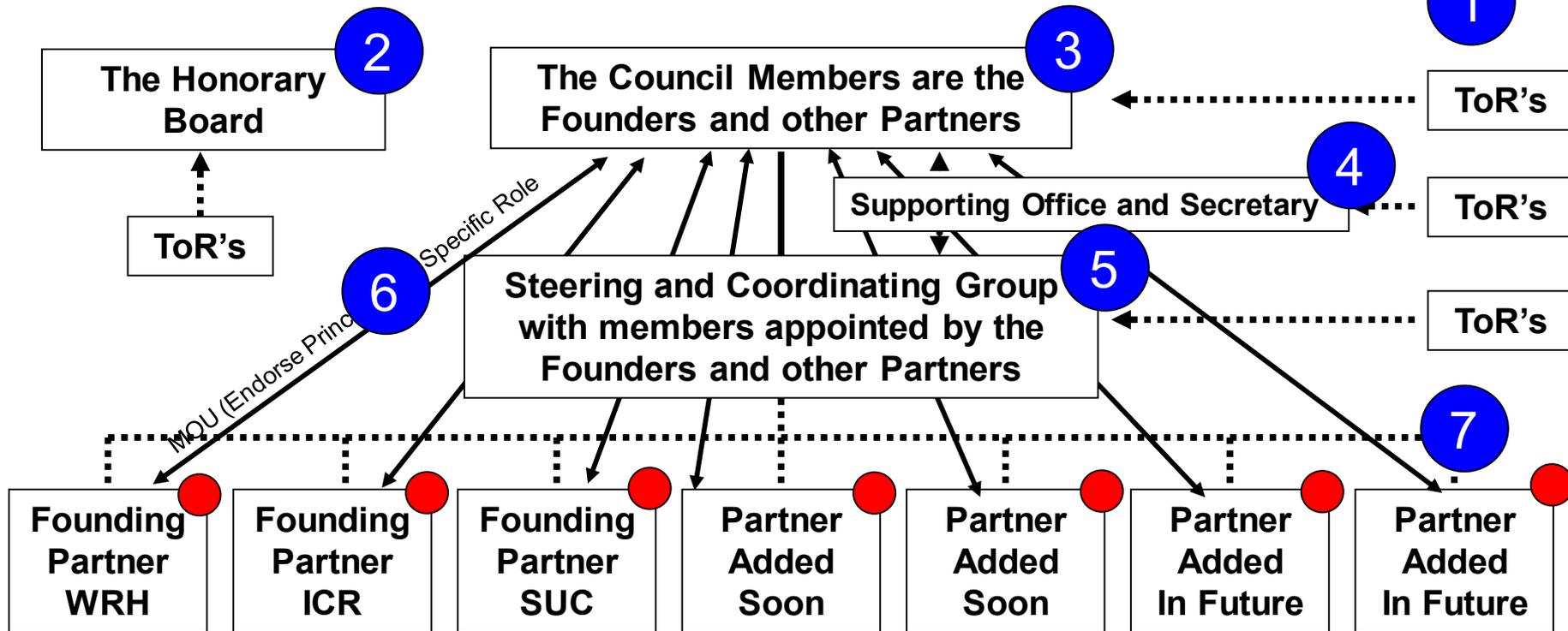




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Riikkaidgaskaš Boazodoalloguovddáš

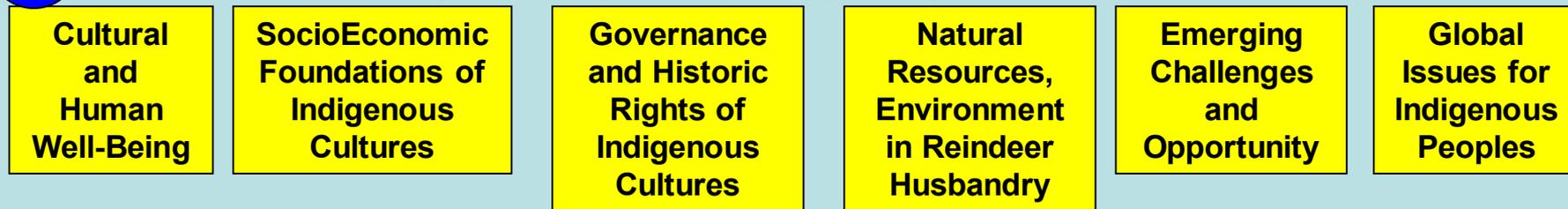


# UArctic EALAT Institute's Founding Principles



Implementing Institutions through Education, Research and Outreach/Service, These (Red Dots Appointees ●) Coordinate/Represent the Partner's Programs and Interests in the Steering Group

## 8 Framing the Program by Integrating Themes (Examples)



Note: The Boxes with the abbreviation ToR's means the Terms Of Reference (that is, the Roles and Responsibilities) for the specific part of the organizational arrangement suggested.