



ACCESS
Arctic Climate Change
Economy and Society



Project no. 265863

ACCESS

Arctic Climate Change, Economy and Society

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D7.11 – Report on Stakeholders/End-users

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RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

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We are reporting about several important meetings dedicated to stakeholder's consultations that occurred recently and involving the ACCESS project. All these meetings did occur in Hamburg (September 19, 2014), Tromso, Norway in December 2013 and January 2014.

ACCESS stakeholder workshop 19 September 2013 in Hamburg

During the many conversations we had with Stakeholders at the 2013 General Assembly it became apparent that another method of stakeholder engagement could be of real value to both key stakeholders and the ACCESS Partners/Programme; a one-day dedicated workshop. The aim of this workshop is to bring provide an informal and relaxed environment whereby knowledge and experiences between ACCESS and stakeholders can be exchanged freely to the benefit of all. It is from these discussions at the GA that this ACCESS stakeholder workshop was initiated.

Over the months a number of teleconferences, mainly between ACCESS WP2 (Marine transportation and tourism) and WP4 (Resource extraction), were conducted. These fruitful discussions culminated in a Stakeholder workshop being held at HSVA (Hamburg) on 19 September 2013. The workshop concept was to provide a series of state-of-the-art presentations on climate change in the Arctic, Arctic Shipping, and Oil Spills., as well as providing an overview of the ACCESS programme. These talks were provided by a mixture of ACCESS participants and stakeholders and were then followed by an open forum for discussions. A copy of the Workshop agenda can be seen in fig 1.

ACCESS Stakeholder Workshop

Agenda

Opening Ceremony

- 09.00-09.40 Welcome and introduction of participants (Peter Jochman, HSVA)
09.40-10.00 Presentation of the ACCESS project (Jean-Claude Gascard, UPMC; Jeremy Wilkinson, BAS)
10.00-13.30 BREAK

Arctic Change

- 10.30-10.50 Observations (Sebastian Gerland, NPI)
10.50-11.10 Climate models (Kathrin Riemann-Campe, AWI)
11.10-11.30 Ice operations (Nick Hughes, met.no)
11.30-12.00 Stakeholder comments and discussion
12.00-01.00 LUNCH BREAK

Arctic Shipping

- 01.00-01.20 Ongoing Efforts in Arctic Marine Safety and Environmental Protection (Lawson Brigham, UAF)
01.20-01.40 New Russian regulations for the Northern Sea Route (Cpt. Vladimir Mikhailichenko, Moscow)
01.40-02.00 Classification Society rules and regulations (Peter Schütz, DNV)
02.00-02.20 Experience of a shipping Company (Christian Bonfils, NBC)
02.20-02.50 Stakeholder comments and discussion
02.50-03.20 BREAK

Oil Spills

- 03.20-03.40 Full scale experiments (H. Jensen)
03.40-04.00 Oil Spill Response capabilities and technologies in ice covered waters (Jeremy Wilkinson, BAS)
04.00-04.20 Oil spill modelling and operations (Susanne Hanson, DMI)
04.20-04.50 Stakeholder comments and discussion

ACCESS Update

- 04.50-05.15 Update of results: Transport & Tourism (ACCESS-WP2)
05.15-05.30 Update of results: Resource Extraction (ACCESS-WP4)

Closing Ceremony

- 05.30-06.00 Open Discussion
06.00 Closing Remarks

Date and Venue: September 19, 2013 | HSVA, Bramfelder Str. 164, Hamburg, Germany.

Figure 1. Copy of the agenda for the Stakeholder workshop at HSVA.

The day started with a general overview presentation on the ACCESS project. This was followed by presentations on Arctic Change provided by ACCESS experts on Sea Ice observations, climate model results on climate change predictions, and operational ice service. The second block was dedicated to Arctic Shipping with presentations from Stakeholders on Arctic Marine Safety issues, new Russian regulations for the Northern Sea Route, classification society regulations, experiences of a shipping company with the northern sea route. The next block was dealing with Oil spills, reporting on ACCESS results regarding oil spill response capabilities and technologies in ice covered waters, on full scale experiments of oil spills, and operational oil spill modelling at the Danish Meteorological Institute. The blocks were followed by presentations on recent results of WPs 2 and 4. Ample time for discussions between the stakeholders and project scientists was granted.

Summary

The stakeholder workshop received positive feedback from the participating stakeholders, and was enjoyed by all. About 20 participants attended the Workshop. However it is fair to say the day was dominated by ACCESS participants rather than by the stakeholders. Looking back on the event it seems that the one-day workshop is a good forum for engagement. However improvements can be made. For example there were free flowing discussions, but many of these discussions were initiated by questions posed by the ACCESS partners. This could have been solved by earlier engagement of the Stakeholders when the Workshop was first planned. We would advocate that the next stakeholder workshop has the key stakeholders involved right from the start, i.e. in the planning of the workshop. By doing so have the Stakeholders will have a greater influence to shape the outputs from the workshop.

Furthermore there is a significant amount of effort needed to plan and run an event such as this. One needs to ensure that the appropriate time, funds, and staff are available to ensure that the day is a success. We were very grateful to the professionalism of HSVA that ensured the day ran smoothly. Overall it was felt that these types of one-day events can be of great value to both Stakeholders and the ACCESS project alike. We look forward to the next event.

AMAP/AACA workshop - December 9, 2013

The Arctic Monitoring Assessment Program working group (AMAP) of the Arctic Council organized a first workshop (Adaptation Actions for a Changing Arctic AACA) in Tromso early on December 2013. AMAP is one working group of the Arctic Council and AACA is the new program promoted by AMAP. In the context of this new program a stakeholder consultation was organized in 2013 and the main results are presented hereafter in a very concise way.

- **How good is the natural science base knowledge on a changing Arctic Climate?**
- Are the expected changes in the Arctic problematic or are they new opportunities in regards to industry development?
- What will drive a change in migration and distribution of fish stocks and which level of physical factors will change migration?
- The increasing economic ties of the Arctic to global markets is the primary driver for Arctic marine shipping. It is at least equal to climate change in driving regional and Arctic-wide changes.
- Arctic natural resources developments are driving requirements for new marine transport systems.
- The cruise industry interest is first and foremost connected to ice distribution and stakeholders would be interested in information that clearly can draw pictures of expected development.

It is important to note the expression of interest regarding the science based knowledge on a changing Arctic Climate posted as a first priority by stakeholders consulted by AMAP leaders.

ACCESS-ISAC Responding to Change workshop - Tromsø January 22, 2014

On January 22, 2014, ACCESS in cooperation with ISAC (International Study for Arctic Change) organized a workshop for **Responding to Change** activities in the Arctic stressing attention on stakeholders involvement. The workshop was based on several presentations from 8 major Arctic program leaders and was organized as a side event of the 2014 Arctic Frontiers Conference.

Following the 1st International Study of Arctic Change Responding to Change (RtoC) Workshop organized at Queen's University, Kingston, Canada in 2011, the Tromsø Scoping Meeting aimed to bring together major programs in Arctic research to address stakeholders integration into research and learning for RtoC. Co-organized by ISAC and ACCESS the scoping meeting was designed to inform and structure the implementation of ISAC RtoC activities.

Specifically participants at the Scoping Meeting were asked to consider the four recommendations from the 2012 RtoC Workshop:

1. Development of an interactive, widely-accessible, stakeholder engagement to identify key research questions;
2. Use of the RtoC framework to increase exposure between stakeholders and arctic observing systems;
3. Aligning science events with stakeholder-driven events;
4. Entraining a greater diversity of research capacity from engineering, social science and the health sciences research communities into existing and developing arctic research programs, design and implementation process.

Following general presentations by Maribeth Murray (ISAC executive director) and Jean-Claude Gascard (ACCESS coordinator) regarding ISAC and ACCESS respectively, Professor Oran Young from Bren School, Santa Barbara (USA) presented the recently co-funded ARCSees project (Arctic Options) by NSF (USA) and CNRS (France). Janet Pawlak (ARCRISK coordinator) introduced the EU ARCRISK project being in its ending phase followed by the AMAP/AACA project presented by Morten Skovgaard Olsen and John Fuglestad for the Arctic Council and the new EU project ICE-ARC coordinated by Jeremy Wilkinson from BAS (UK). Both ICE-ARC and AACA are in a starting phase.

The afternoon started with a presentation of the Canadian ARCTICNET project by Martin Fortier executive director for ARCTICNET followed by the EU Arctic Impact Assessment introduced by Paula Kankaanpaa from the Arctic Center in Rovaniemi, Finland.

In fact the ACCESS-ISAC workshop was organized back to back with the EUAIA stakeholder consultations (Tromso, January 23, 2014).

An open panel discussion moderated by Martin Sommerkorn from WWF (Oslo, Norway) and Nikolaj Bock from the European Environment Agency (EEA, Copenhagen, Denmark), concluded the ACCESS-ISAC RtC workshop. The round table discussion highlighted again the importance of a reliable natural science based knowledge on a Changing Arctic Climate expressed by the stakeholders (cf stakeholder consultation by the Arctic Council AMAP working group). This was stressing attention from the Arctic scientific experts for the development of sustained observations in the Arctic involving a participation of many stakeholders in this development (including indigenous peoples). The RtC under ISAC now affiliated to IASC might be a good forum for developing this activity in the future.

ACCESS–ISAC Responding to Change workshop - Participant list:

First name	Last name	Participant type	Company	City	Country
Lars	Kullerud	Formal invited guest / Keynote speaker	University of the Arctic	Arendal	Norway
Outi	Snellman	Formal invited guest / Keynote speaker	University of the Arctic	Rovaniemi	Finland
Iglika	Trifonova	Formal invited guest / Keynote speaker	APECS International	Sofia	Bulgaria
Kjetil	Stuland	Regular conference participant	Technology Venture	Stavanger	Norway
Peter	Schlosser	Side events /Single workshops	Columbia University - LDEO	Palisades, New York	USA
Jens Johan	Hjort	Formal invited guest / Keynote speaker	Tromsø kmmune	Tromsø	Norway
Jerry	Rivers	Regular conference participant	NACCE	Roosevelt	United States of America
Joachim	Schwarz	Side events /Single workshops	JSC	Grosshansdorf	Germany
Merete	Ryen	Formal invited guest / Keynote speaker	UiT The Arctic University of Norway	Tromsø	Norway
Birita	í Dali	Formal invited guest / Keynote speaker	University of Copenhagen	Trongisvágur	Faroe Islands
Peter	Jochmann	Regular conference participant	Hamburgische Schiffbau-Versuchsanstalt GmbH	Hamburg	Germany
Anniek	de Jong	Regular conference participant	Royal Dutch Shell	The Hague	Netherlands
Mats	Granskog	Side events /Single workshops	Norsk Polarinstitutt	Tromsø	Norway
Fanny Caroline	Holst	Regular conference participant	Royal Dutch Shell	The Hague	The Netherlands
Nicole	Biebow	Side events /Single workshops	Alfred Wegener Institute	Bremerhaven	Germany
Annette	Scheepstra	Side events /Single workshops	Arctic Centre, University of Groningen	Groningen	the Netherlands
Kim	van Dam	Side events /Single	Arctic Centre, University of Groningen	Groningen	the Netherlands

		workshops			s
Adam	Stepien	Regular conference participant	Arctic Centre, University of Lapland	Rovaniemi	Finland
Michael	Karcher	Regular conference participant	OASys - Ocean Atmosphere Systems GmbH	Hamburg	Germany
Martin	Sommerkorn	Side events /Single workshops	WWF Global Arctic Programme	Oslo	Norway
Michał	Łuszczuk	Side events /Single workshops	Polish Academy of Sciences - Committee on Polar Research	Warsaw	Poland
Husamuddin	Ahmadzai	Side events /Single workshops	NEFCO	Helsinki	FINLAND
Florian	Vidal	Students / UArctic Members and partners	University Paris Descartes	Paris	France
Marie-Theres	von Schickfus	Regular conference participant	Ecorys	Rotterdam	Netherlands
Debra	Justus	Side events /Single workshops	Universite Pierre et Marie Curie - LOCEAN	Paris	France
Jaime	Reynolds	Regular conference participant	European Commission DG Environment	Brussels	Belgium
Edmond	Asong Fossung	Formal invited guest / Keynote speaker	University of Tromso	Tromso	Norway
Masaki	Uchida	Side events /Single workshops	National Institute of Polar Research	Tachikawa	Japan
OLLI	SALO	Regular conference participant	AHMA ENVIRONMENT	ROVANIEMI	FINLAND
Jean Claude	Gascard	Side events /Single workshops	UPMC/CNRS/LOCEAN	Paris	France
Morten Skovgaard	Olsen	Formal invited guest / Keynote speaker	Danish Energy Agency/Ministry of Climate, Energy and Building	København K	Denmark
Joseph	Cheek	Students / UArctic Members and partners	International Polar Foundation	Brussels	Belgium
John	Isaksen	Side events /Single workshops	Nofima	Tromsø	Norway

Oystein	Hermansen	Side events /Single workshops	Nofima	Tromsø	Norway
Arne	Eide	Side events /Single workshops	University of Tromsø and NOFIMA	Tromsø	Norway
Jeremy	Wilkinson	Regular conference participant	British Antarctic Survey	Cambridge	UK
John	Crump	Students / UArctic Members and partners	GRID-Arendal	Ottawa	Canada
Arne	Riedel	Side events /Single workshops	Ecologic Institute	Berlin	Germany
Anastasia	Leonenko	Side events /Single workshops	Senter for fjernmåling v/UiT	Tromsø	Norway
Pål Julius	Skogholt	Side events /Single workshops	Senter for fjernmåling	Tromsø	Norge