



Arctic Council SAO plenary meeting (eDocs code: ACSAOUS201)
21-22 October 2015, Anchorage, Alaska, U.S.A.

Document Title

Amarok Arctic Council Tracker Maxi Report

Agenda item number

Due to fact that the agenda has not yet been finalized, an agenda item number is not yet available for all documents. This section will be revised as information becomes available.

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Submitted by

ACS

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Number of pages, not including this cover sheet

76

Status (e.g. draft, final if approved, etc.)

Amarok, Arctic Council Tracker



ACAP

Status: **On Track**

1.1 Reduction of Black Carbon from Diesel Sources in the Russian Arctic Project (SLCFC PSG)

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

Assess primary sources of black carbon in the Russian Arctic; develop a baseline emissions inventory for black carbon from diesel in key areas; implement targeted demonstration projects; establish policy recommendations and financing options.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Completed emissions inventory of black carbon from diesel sources in the Murmansk Region. Completed a pilot project to upgrade the bus fleet at a Murmansk bus company. Related to this project, one additional sub project and two feasibility studies have been received.

This initiative is coordinated with the following other Working Groups (or other entities)

Need for coordination of SLCF activities between ACAP, AMAP and AC TFBCM

Unique initiative ID (ACS use only): Initiative category:



ACAP

Status: **On Track**

1.3 Arctic Black Carbon Case Studies Platform (SLCFC PSG)

Start:	<input type="text" value="2013"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="U.S."/>		
Contact 1:	<input type="text" value="Laura Sauls"/>	<input type="text" value="Sauls.Laura@epa.gov"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Through this project, EPA will work with its partners in ACAP to present a catalogue of black carbon mitigation efforts – a set of standardized case studies or “snapshots” – to capture the variety of interventions and policy tools that can reduce black carbon emissions.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Black carbon case studies portal is now live on the Arctic Council website. Member states are requested to contribute case studies.

This initiative is coordinated with the following other Working Groups (or other entities)

Need for coordination of SLCF activities between ACAP, AMAP and AC TFBCM

Unique initiative ID (ACS use only): Initiative category:



ACAP

Status: **On Track**

1.4 Valday Cluster Upgrade for Black Carbon Reduction in the Republic of Karelia, Russian Federation (SLCFC PSG)

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

This project aims to implement a range of alternatives for providing energy to off-grid settlements in this region with the objectives to; 1) contribute to mitigation of pollutants, including SLCPs such as BC and other GHGs; 2) decrease the dependence of the Cluster settlements on transported fossil fuels, 3) reduce the electricity/district heating costs for the municipality; 4) increase the reliability and quality of electricity/district heating supply and 5) strengthen the expertise of the local institutions in the energy supply and project management.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

The objectives of the Project are to; 1) contribute to mitigation of pollutants, including SLCPs such as BC and other GHGs; 2) decrease the dependence of the Cluster settlements on transported fossil fuels, 3) reduce the electricity/district heating costs

This initiative is coordinated with the following other Working Groups (or other entities)

Need for coordination of SLCF activities between ACAP, AMAP and AC TFBCM

Unique initiative ID (ACS use only): Initiative category:



ACAP

Status: **On Track**

2.1 Non-ferrous/Zinc Smelter Mercury Reduction in the Russian Federation (Mercury PSG)

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

The project will seek to identify, develop and apply pollution reduction approaches and technologies to a selected pilot smelter, and monitor the approaches for baseline and progress determinations. The project awaits a signed letter of commitment to participate in the project from the smelter facility owners.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Workshop "Technical Information Exchange on Mercury Abatement in the Metallurgical Industry", was held in May 2015, and ACAP is awaiting the final report.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



ACAP

Status: **Delayed**

2.2 Mercury Control Technology Workshop

Start:	<input type="text" value="2010"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="U.S., Russian Federation"/>		
Contact 1:	<input type="text" value="Marianne Bailey (USA)"/>	<input type="text" value="Bailey.Marianne@epa.gov"/>	
Contact 2:	<input type="text" value="Husamuddin Ahmadzai (NEFCO)"/>	<input type="text" value="husamuddin.ahmadzai@nefco.fi"/>	
Contact 3:	<input type="text" value="Vladimir Ivlev (RF)"/>	<input type="text" value="ivlev@mnr.gov.ru"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Demonstrates the efficiencies of mercury emissions removal of standard activated carbon and bromated carbon injection / Investigates the stability of ash and sorbent residues and leaching potential of metals / Project Steering Committee will develop a proposal for a project focusing on disseminating and replicating results

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Plans for the workshop have been delayed until further consideration.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



ACAP

Status: **On Track**

3. Phase III: Demonstration of environmentally sound destruction of obsolete pesticides (Obsolete Pesticides PSG)

Start:	<input type="text" value="2001"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="Finland, Russian Federation"/>		
Contact 1:	<input type="text" value="Timo Seppala (FI)"/>	<input type="text" value="timo.seppala@ymparisto.fi"/>	
Contact 2:	<input type="text" value="Vladimir Ivlev (RF)"/>	<input type="text" value="ivlev@mnr.gov.ru"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Assess technologies for environmentally sound destruction of obsolete pesticides in Russia and demonstrate destruction of obsolete pesticides. Project will seek synergies with the PCB destruction project for management of PCBs in transformers in Russia. Dependent on availability of destruction technologies or possibilities to export.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

SAOs to take note: Identification of available environmentally sound destruction technology. Identification of environmentally sound destruction capacity. Next steps depend on availability of destruction capacity in Russia or decision to export for enviro

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



ACAP

Status: **On Track**

4. Phase III (Dioxin/Furan PSG) Reduction/Elimination of Emissions of Dioxins and Furans in Russia with a focus on Northern regions

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

Project to reduce dioxins and dust emission and training program for the Vorkutinskiy cement plant

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Milestone 1: Seminar on environmental requirements on using waste as fuel; Milestone 2: Sample and Analysis of Emissions, Milestone 3: Action Plan for Reduction Actions at VCP, Milestone 4: Start of Reconstruction, Milestone 5: Completion of Reconstruction

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



ACAP

Status: **Delayed**

5. Demonstration of management and destruction of 250 tons of PCB in transformers: Phase III (PCB PSG)

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

PCB Project addresses mitigation of the PCB problem in RF. The aim is to destroy 250 tons of PCB via two sub-projects: 1. Emptying and cleaning contaminated PCB containing transformers; 2. Destruction of PCB. The method can also be used to destroy other hazardous pollutants e.g. certain types of pesticides.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

SAOs to take note: Next steps depend on permitting regimes of the Russian Federation

This initiative is coordinated with the following other Working Groups (or other entities)

Appropriate co-ordination with pesticides and integrated hazardous waste management groups via ACAP

Unique initiative ID (ACS use only): Initiative category:



AMAP

Status: **On Track**

1. Adaptation Actions for a Changing Arctic – Part C

Start:	<input type="text" value="2013"/>	End:	<input type="text" value="2017"/>
AC Leads:	<input type="text" value="All"/>		
Contact 1:	<input type="text" value="AMAP Secretariat"/>	<input type="text" value="amap@amap.no"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Implement Phase 2 which includes development of climate scenarios and integrated environmental frameworks/models to improve predictions of climate change and other relevant drivers of change in the 3 pilot regions. Traditional knowledge and PPs are involved in all three regional assessments.

Expected deliverables for 2017 Ministerial Meeting

Progress report

Milestones/Decision points for SAOs

2015: Status report

This initiative is coordinated with the following other Working Groups (or other entities)

EPPR, PAME, SDWG, CAFF, ACAP

Unique initiative ID (ACS use only): Initiative category:



AMAP

Status: **On Track**

2. SLCF Expert Group

Start:	<input type="text" value="2013"/>	End:	<input type="text" value="2015"/>
AC Leads:	<input type="text" value="Canada, Norway, USA"/>		
Contact 1:	<input type="text" value="AMAP Secretariat"/>	<input type="text" value="amap@amap.no"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Support work of Task Force for Action on Black Carbon and Methane / Update assessment to include scientific data and information on black carbon, methane and tropospheric ozone from sources inside and outside of the Arctic

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

SLCF Expert Group on Black Carbon and Tropospheric Ozone: Policy-makers summary delivered to 2015 AC Ministerial; scientific assessment report undergoing technical editing/layout; overview report under preparation

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



AMAP

Status: **On Track**

3. Human Health Assessment

Start:	<input type="text" value="2013"/>	End:	<input type="text" value="2015"/>
AC Leads:	<input type="text" value="Canada, Norway"/>		
Contact 1:	<input type="text" value="AMAP Secretariat"/>	<input type="text" value="amap@amap.no"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

AMAP's human health assessment group will: Produce an update to the 2009 AMAP Human Health Report / Continue to work with SDWG's human health expert group on issues of joint concern (incl. Food Security)

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Policy-makers summary delivered to 2015 AC Ministerial; scientific assessment report undergoing technical editing/layout; overview report under preparation.

This initiative is coordinated with the following other Working Groups (or other entities)

SDWG

Unique initiative ID (ACS use only): Initiative category:



AMAP

Status:

4. Unmanned Aircraft Systems (UAS) Expert Groups

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

Continue work on safety guidelines and demonstrate the use of cross-jurisdictional environmental monitoring

Expected deliverables for 2017 Ministerial Meeting

(Void)

Milestones/Decision points for SAOs

For discussion

This initiative is coordinated with the following other Working Groups (or other entities)

EPPR

Unique initiative ID (ACS use only): Initiative category:



AMAP

Status: **On Track**

5. Follow-up activities Radioactivity

Start:	<input type="text" value="2013"/>	End:	<input type="text" value="2015"/>
AC Leads:	<input type="text" value="Norway, Russia"/>		
Contact 1:	<input type="text" value="AMAP Secretariat"/>	<input type="text" value="amap@amap.no"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

AMAP's radioactivity expert group will: Produce an update to the 2009 AMAP Radioactivity report

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Policy-makers summary delivered to 2015 AC Ministerial; scientific assessment report undergoing technical editing/layout; overview report under preparation.

This initiative is coordinated with the following other Working Groups (or other entities)

EPPR

Unique initiative ID (ACS use only): Initiative category:



AMAP

Status: **On Track**

6. Follow-up activities POPs

Start:	<input type="text" value="2013"/>	End:	<input type="text" value="2015"/>
AC Leads:	<input type="text" value="Canada, Sweden"/>		
Contact 1:	<input type="text" value="AMAP Secretariat"/>	<input type="text" value="amap@amap.no"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

AMAP's POPs expert group will produce an update to the 2009 AMAP POPs assessment

Project milestones:

2015: Policy-makers summary delivered to AC; scientific assessment and overview reports under preparation; technical report completed (delivered to AC and Stockholm Convention)

2016: Update assessments on POPs of Emerging Concern and Biological Effects of POPs and Mercury (underway)

2017: Update assessment on Climate Change Impacts on POPs

Updated assessment on chemicals of emerging Arctic concern: End 2015

Update assessment of POPs and mercury biological effects: End of 2015/2016

Assessment of climate change impacts on contaminants in the Arctic: Early 2017

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

2015: Policy-makers summary delivered to AC; scientific assessment and overview reports under preparation; technical report completed (delivered to AC and Stockholm Convention)

Updated assessment on chemicals of emerging Arctic concern: End 2015

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



AMAP

Status: **On Track**

7. Sustaining Arctic Observing Networks (SAON) Project: Coordination of metadatabases

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

Coordinate databases on Arctic observational metadata

Expected deliverables for 2017 Ministerial Meeting

Progress report (in AMAP report)

Milestones/Decision points for SAOs

Progress report (in AMAP report)

This initiative is coordinated with the following other Working Groups (or other entities)

CAFF

Unique initiative ID (ACS use only): Initiative category:



AMAP

Status: **On Track**

8. AMAP Trends and Effects Programme

Start:	<input type="text" value="ongoing"/>	End:	<input type="text" value="ongoing"/>
AC Leads:	<input type="text" value="All"/>		
Contact 1:	<input type="text" value="AMAP Secretariat"/>	<input type="text" value="amap@amap.no"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

AMAP is conceived as a process integrating both monitoring and assessment activities, in order to: produce integrated assessment reports on the pollution and climate status and trends of the conditions of Arctic ecosystems; identify possible causes for changing condition detect emerging problems, their possible causes, and the potential risk to Arctic ecosystems including indigenous peoples and other Arctic residents; recommend actions required to reduce risks to Arctic ecosystems.

Expected deliverables for 2017 Ministerial Meeting

The programme provides input to AMAP assessments

Milestones/Decision points for SAOs

[Blank]

This initiative is coordinated with the following other Working Groups (or other entities)

EPPR, PAME, SDWG, CAFF, ACAP

Unique initiative ID (ACS use only): Initiative category:



CAFF

Status: **On Track**

1. Circumpolar Biodiversity Monitoring Program (CBMP) - General

Start:	<input type="text" value="2001"/>	End:	<input type="text" value="ongoing"/>
AC Leads:	<input type="text" value="Kingdom of Denmark, U.S. are the overall leads for the CBMP. Individual components are led by d"/>		
Contact 1:	<input type="text" value="Tom Barry"/>	<input type="text" value="tom@caff.is"/>	
Contact 2:	<input type="text" value="Tom Christensen, Greenland/Denmark"/>	<input type="text" value="toch@dmu.dk"/>	
Contact 3:	<input type="text" value="John Payne, US,"/>	<input type="text" value="jfpayne@mtu.edu"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

- The CBMP is a flagship program of the CAFF working group and an ongoing monitoring program that has received international recognition
- The CBMP is the biodiversity component of the Sustaining Arctic Observing Network (SAON) and is the official Arctic biodiversity network of the Global Earth Observation's Biodiversity Observation Network (GEOBON).
- CBMP activities are structured around the major Arctic ecosystem: marine, freshwater, terrestrial and coastal.
- The plans help improve ability to detect important trends, link these trends to their underlying causes, predict future trends and scenarios for Arctic biodiversity, and thereby provide more timely and credible information to support decision making.
- The CBMP endeavors to include TK holder expertise from the inception of projects to the analysis of information gained. It also seeks to include a diverse network of experts with both science and TK expertise.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

[Blank]

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP, PAME

Unique initiative ID (ACS use only): Initiative category:



CAFF

Status: **On Track**

1.1 CBMP Marine Biodiversity Monitoring group

Start:	<input type="text" value="2009"/>	End:	<input type="text" value="ongoing"/>
AC Leads:	<input type="text" value="Rotating chairs currently - US and Norway currently leading the steering group"/>		
Contact 1:	<input type="text" value="Tom Barry"/>	<input type="text" value="tom@caff.is"/>	
Contact 2:	<input type="text" value="Tom Christensen, Greenland/Denmark"/>	<input type="text" value="toch@dmu.dk"/>	
Contact 3:	<input type="text" value="John Payne, US"/>	<input type="text" value="jfpayne@mtu.edu"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

- The Arctic Marine Biodiversity Monitoring Plan was delivered in 2011 and is the first of four pan-Arctic biodiversity monitoring plans developed by the CBMP to improve the ability to detect and understand the causes of long-term change in the composition, structure and function of Arctic ecosystems. Since the delivery of the marine plan further work is underway to continue to assess the state of the ecosystem and national implementation.
- The CBMP supports the inclusion of TK holder expertise from the inception of projects to the analysis of information gained. It also seeks to include a diverse network of experts with both science and TK expertise.

Expected deliverables for 2017 Ministerial Meeting

State of the Arctic Marine Biodiversity Report

Milestones/Decision points for SAOs

The following report submitted for SAOs to welcome and take note of: - Annual report on the implementation of the CBMP Marine monitoring plan

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP, PAME

Unique initiative ID (ACS use only): Initiative category:



CAFF

Status: **On Track**

1.2 CBMP Freshwater Biodiversity Monitoring group

Start:	<input type="text" value="2010"/>	End:	<input type="text" value="ongoing"/>
AC Leads:	<input type="text" value="Rotating chairs currently - Canada, Sweden currently leading the steering group"/>		
Contact 1:	<input type="text" value="Tom Barry"/>	<input type="text" value="tom@caff.is"/>	
Contact 2:	<input type="text" value="Tom Christensen, Greenland/Denmark"/>	<input type="text" value="toch@dmu.dk"/>	
Contact 3:	<input type="text" value="John Payne, US"/>	<input type="text" value="jfpayne@mtu.edu"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

- The Arctic Freshwater Biodiversity Monitoring Plan is one of four pan-Arctic biodiversity monitoring plans developed by the CBMP to improve the ability to detect and understand the causes of long-term change in the composition, structure and function of Arctic ecosystems. Since the delivery of the freshwater plan further work is underway to continue to assess the state of the ecosystem and national implementation.
- The CBMP endeavors to include TK holder expertise from the inception of projects to the analysis of information gained. It also seeks to include a diverse network of experts with both science and TK expertise.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

[Blank]

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP, PAME

Unique initiative ID (ACS use only): Initiative category:



CAFF

Status: **On Track**

1.3 CBMP Terrestrial Biodiversity Monitoring group

Start:	2011	End:	ongoing
AC Leads:	Rotating chairs currently - Sweden is currently leading implementation of the plan.		
Contact 1:	Tom Barry	tom@caff.is	
Contact 2:	Tom Christensen, Greenland/Denmark	toch@dmu.dk	
Contact 3:	John Payne, US	jfpayne@mtu.edu	

Description (Please detail if/how Traditional Knowledge has been incorporated)

- The Arctic Terrestrial Biodiversity Monitoring Plan is one of four pan-Arctic biodiversity monitoring plans developed by the CBMP to improve the ability to detect and understand the causes of long-term change in the composition, structure and function of Arctic ecosystems. Since the delivery of the terrestrial plan further work is underway to continue to assess the state of the ecosystem and national implementation.
- The CBMP endeavors to include TK holder expertise from the inception of projects to the analysis of information gained. It also seeks to include a diverse network of experts with both science and TK expertise.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

The following report submitted for SAOs to welcome and take note of: - Annual report on the implementation of the CBMP Terrestrial monitoring plan

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP

Unique initiative ID (ACS use only): Initiative category:



CAFF

Status: **On Track**

1.4 CBMP Coastal Biodiversity Monitoring Plan

Start:	<input type="text" value="2014"/>	End:	<input type="text" value="2015"/>
AC Leads:	<input type="text" value="Canada, U.S. co-leads"/>		
Contact 1:	<input type="text" value="Tom Barry"/>	<input type="text" value="tom@caff.is"/>	
Contact 2:	<input type="text" value="Tom Christensen, Greenland/Denmark"/>	<input type="text" value="toch@dmu.dk"/>	
Contact 3:	<input type="text" value="John Payne, US"/>	<input type="text" value="jfpayne@mtu.edu"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

- The Arctic Coastal Biodiversity Monitoring Plan is the final of four pan-Arctic biodiversity monitoring plans being developed by the CBMP to improve the ability to detect and understand the causes of long-term change in the composition, structure and function of Arctic ecosystems.
- The CBMP endeavors to include TK holder expertise from the inception of projects to the analysis of information gained. It also seeks to include a diverse network of experts with both science and TK expertise.

Expected deliverables for 2017 Ministerial Meeting

Coastal Biodiversity Monitoring Plan

Milestones/Decision points for SAOs

[Blank]

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP, PAME

Unique initiative ID (ACS use only): Initiative category:



CAFF

Status: **On Track**

1.5 CBMP Indicators

Start:	<input type="text" value="2001"/>	End:	<input type="text" value="2015"/>
AC Leads:	<input type="text" value="CAFF Secretariat lead"/>		
Contact 1:	<input type="text" value="Tom Barry"/>	<input type="text" value="tom@caff.is"/>	
Contact 2:	<input type="text" value="Tom Christensen, Greenland/Denmark"/>	<input type="text" value="toch@dmu.dk"/>	
Contact 3:	<input type="text" value="John Payne, US"/>	<input type="text" value="jfpayne@mtu.edu"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

- The CBMP has chosen a suite of indices and indicators that provide a comprehensive picture of the state of Arctic biodiversity – from species to habitats to ecosystem processes to ecological services.
- These indices and indicators are developed in a hierarchical manner, allowing users to drill down into the data from the higher-order indices to more detailed indicators. These are being developed through an expert consultation process.
- The CBMP endeavors to include TK holder expertise from the inception of projects to the analysis of information gained. It also seeks to include a diverse network of experts with both science and TK expertise.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

The following technical reports submitted for SAOs to welcome and take note of: 1) Land cover change index report; and 2) Arctic migratory bird index report;

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP, PAME

Unique initiative ID (ACS use only): Initiative category:



CAFF

Status: **On Track**

2. Nomadic herders: enhancing resilience of pastoral ecosystems and livelihoods

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

- Purpose of this project is to strengthen the sustainability of the pastoralist livelihoods; and to increase the resilience and capacity of the nomadic communities to adapt to change.
- The project engages TK holders and their information.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

[Blank]

This initiative is coordinated with the following other Working Groups (or other entities)

SDWG

Unique initiative ID (ACS use only): Initiative category:



CAFF

Status: **On Track**

5. The Arctic Migratory Bird Initiative

Start:	<input type="text" value="2013"/>	End:	<input type="text" value="2017"/>
AC Leads:	<input type="text" value="Canada, Norway, Russia"/>		
Contact 1:	<input type="text" value="Courtney Price"/>	<input type="text" value="courtney@caff.is"/>	
Contact 2:	<input type="text" value="Marthe Margrethe Haugan, Norway"/>	<input type="text" value="marthe.margrethe.haugan@miljodir.no"/>	
Contact 3:	<input type="text" value="Evgeny Syroechkovskiy, Russia"/>	<input type="text" value="ees_jr@yahoo.co.uk"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

- The Arctic Migratory Bird Initiative is a Chairmanship priority.
- The project's objective is to improve conservation outcomes for arctic-breeding migratory birds by addressing conservation issues throughout their migratory range.
- Focus is on three conservation issues: 1. Habitat destruction/degradation; 2. Unsustainable harvest: 3. Bycatch
- Actual work will be undertaken on a flyway basis, with priority issues identified on each flyway.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

[Blank]

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



CAFF

Status: **On Track**

6. Seabird program

Start:	<input type="text" value="1992"/>	End:	<input type="text" value="ongoing"/>
AC Leads:	<input type="text" value="Overall chair: Canada. Individual components are led by different countries"/>		
Contact 1:	<input type="text" value="Grant Gilchrist, Canada"/>	<input type="text" value="grant.gilchrist@ec.gc.ca"/>	
Contact 2:	<input type="text" value="Tom Barry"/>	<input type="text" value="tom@caff.is"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

- The Seabird program promotes, facilitates, and coordinates conservation, management and research activities among circumpolar countries and improves communication between seabird scientists and managers inside and outside the Arctic.
- Key activities include work to monitor seabirds (e.g., survival, diets, phenology, and productivity) to explain observed changes in populations as well as provide circumpolar information on the status of seabirds to management agencies in Arctic States.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

The following technical report submitted for SAOs to welcome and take note of: - Circumpolar Seabird monitoring plan

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:

CAFF

Status: **On Track**

7. Arctic Flora program

Start:	<input type="text" value="1992"/>	End:	<input type="text" value="ongoing"/>
AC Leads:	<input type="text" value="Overall chair: Norway. Individual components are led by different countries."/>		
Contact 1:	<input type="text" value="Kristine Bakke Westergaard"/>	<input type="text" value="Kristine.Westergaard@nina.no"/>	
Contact 2:	<input type="text" value="Kari Fannar Larusson"/>	<input type="text" value="kari@caff.is"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

- The CAFF Flora Group (CFG) promotes, encourages and coordinates the international conservation of Arctic flora, vegetation, and habitats as well as research activities. It works to enhance the exchange of information on Arctic flora and vegetation and factors affecting the status and trends in Arctic flora species.
- A key activity led by the US is the Circumboreal Vegetation Map (CBVM) will develop a global map of the circumboreal forest biome with a common legend. By recognizing the boreal region as a single geo-ecosystem with a common set of cultural, political and economic issues, the CBVM project will be the first detailed vegetation map of the entire global biome.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

The following technical report was submitted for SAOs to welcome and take note of: - The Circumpolar Boreal Vegetation Map: Alaska-Yukon Region;

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



CAFF

Status: **On Track**

8. Conservation of biodiversity in a changing Russian Arctic - scoping study

Start:	<input type="text" value="2011"/>	End:	<input type="text" value="ongoing"/>
AC Leads:	<input type="text" value="Russia"/>		
Contact 1:	<input type="text" value="Evgeny Syroechkovskiy"/>	<input type="text" value="ees_jr@yahoo.co.uk"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Assessment activity

*awaiting Global Environment Facility Decision

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

[Blank]

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



CAFF

Status: **On Track**

9. Arctic Biodiversity Data Service (CAFF)

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

- Develop the online mechanism to house, collect, display and search for Arctic biodiversity related data, maps and graphics for decision making.
- The Arctic Spatial Data Infrastructure (Arctic SDI) is an initiative from the national mapping organisations of all eight Arctic Council countries to collect and exchange spatially referenced data on the Arctic to create a harmonized map of the entire Arctic region.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

[Blank]

This initiative is coordinated with the following other Working Groups (or other entities)

PAME

Unique initiative ID (ACS use only): Initiative category:



CAFF

Status: **On Track**

Actions for Arctic Biodiversity 2013-2021: Implementing the recommendations of the Arctic Biodiversity Assessment

Start:	<input type="text" value="2013"/>	End:	<input type="text" value="2017"/>
AC Leads:	<input type="text" value="Norway"/>		
Contact 1:	<input type="text" value="Tom Barry"/>	<input type="text" value="tom@caff.is"/>	
Contact 2:	<input type="text" value="Reidar Hindrum"/>	<input type="text" value="reidar.hindrum@miljodir.no"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Actions for Biodiversity 2013-2021: implementing the recommendations of the Arctic Biodiversity Assessment, is the implementation plan for the Arctic Biodiversity Assessment's 17 recommendations. It is a living document that will be reviewed and updated every two years. The plan is not meant to be exhaustive or to replace working group work plans; rather it is complementary, emphasizing specific actions that address the ABA recommendations.

The Arctic Council Ministers agreed to implement 17 recommendations articulated in the Arctic Biodiversity Assessment: Report for Policy Makers. Implementing the Arctic Biodiversity Assessment (ABA) recommendations requires a combination of building on existing efforts and embarking in new directions.

Expected deliverables for 2017 Ministerial Meeting

Progress report implementation of the recommendations from the Arctic Biodiversity Assessment

Milestones/Decision points for SAOs

SAOs asked to provide guidance, take note of and welcome progress on the implementation of the ABA recommendations. The following supporting documentation provided: Actions for Arctic Biodiversity 2015-2017: Tracking tool developed to track progress on im

This initiative is coordinated with the following other Working Groups (or other entities)

ACAP, AMAP, EPPR, PAME, SDWG and Task Forces

Unique initiative ID (ACS use only):	<input type="text" value="119"/>	Initiative category:	<input type="text" value="1 - WG"/>
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CAFF

Status: On Track

Education

Start:	<input type="text" value="2014"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="CAFF Chair"/>		
Contact 1:	<input type="text" value="Tom Barry"/>	<input type="text" value="tom@caff.is"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

CAFF has developed “educational kits” that communicate information to schoolchildren in the Arctic (10- 11 years old) about key Arctic ecosystems and processes. This is the first step in a process to expand CAFF activities to these audiences. CAFF’s Communications Strategy identifies four priority target audiences, one of which is Arctic residents. A gap exists in CAFF’s communication to this audience, in particular younger audiences (as identified by the Arctic Biodiversity Congress and ABA recommendation #17).

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

SAOs asked to approve the educational toolkits for children and support requested for translation/distribution of the toolkits. The educational kit consists of small pocket guides for children and leader's manuals. Three versions of these documents have be

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only):	<input type="text" value="127"/>	Initiative category:	<input type="text" value="1 - WG"/>
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EPPR

Status: **On Track**

01. Arctic Rescue - 2014

Start:	<input type="text"/>	End:	<input type="text" value="Ongoing Program - umbrella project, update"/>
AC Leads:	<input type="text" value="Russia"/>		
Contact 1:	<input type="text" value="Igor Veselov, RF"/>	<input type="text" value="veselov@mchs.gov.ru"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Improve state of preparedness and response along the Russia Northern Sea Route including conducting exercises and conferences

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

August 19- 21, 2014: Conference in Arkhangelsk

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

02. Development of Safety Systems in Implementation of Economic and Infrastructure Projects - 2014

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

Improvement of industrial and environmental safety related to economic and infrastructural projects (primarily development of hydrocarbons on the Arctic continental shelf and hydrocarbons transportation)

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

August 5-7, 2014: International SAR exercise in Varanday

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

03. Arctic Region Oil Spill and Logistics: Environmental Response Management Application (ERMA) Phase I and II

Start: Phase 1: March 2010. Phase 2: Sept 2013 End: Phase I: Sept 2014. Phase 2: Sept 2015.

AC Leads: U.S., Canada

Contact 1: Amy Merten (US) Amy.Merten@noaa.gov

Contact 2: Norm Snow (Canada) snown@jointsec.nt.ca

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

Phase I: Develop a GIS tool for oil spill response resource and logistics.
Phase II: Use Arctic ERMA in operational exercises with US and Canada.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Phase I and II complete. Final Report up for SAO approval to Ministers in SAO/Whitehorse.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

04. Arctic Environmental Hazards and National Mitigation Programs

Start:	<input type="text"/>	End:	Ongoing Program, updated June 2014
AC Leads:	U.S.		
Contact 1:	Ann Heinrich (US)	ann.heinrich@nnsa.doe.gov	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

The purpose of this document is to provide broad information on activities in the Arctic that pose a risk to the Arctic environment. The document also discusses the responsibilities of the Arctic states regarding emergency prevention, preparedness and response programs and activities

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

The document is now complete and approved by EPPR I in June 2014. It will be presented to SAOs in Whitehorse for Ministerial approval. Updates of the document may be undertaken when deemed necessary.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

05. Planning of a Circumpolar Oil Spill Response Gap Analysis

Start:	<input type="text" value="June 2014"/>	End:	<input type="text" value="December 2014"/>
AC Leads:	<input type="text" value="US, Norway, Denmark (TBC)"/>		
Contact 1:	<input type="text" value="Synnøve Lunde"/>	<input type="text" value="synnove.lunde@kystverket.no"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

A Gap Analysis will be the first step. Discussions on how this is being undertaken by lead countries.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Proposal was approved by EPPR in December 2014. A scoping workshop is planned for mid-2015.

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP, PAME, CAFF

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

06. Radiation Emergency Training and Exercises

Start:	<input type="text"/>	End:	<input type="text" value="Ongoing program for exercises"/>
AC Leads:	<input type="text" value="Russia, U.S."/>		
Contact 1:	<input type="text" value="Ann Heinrich"/>	<input type="text" value="ann.heinrich@nnsa.doe.gov"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Improve emergency preparedness and response capabilities through radiological emergency exercises /
Next full-scale exercise planned for mid-2014 in Russia

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Emergency Exercise "Arctic 2014" June 23-24,2014 in Murmansk region. The Handbook from Arctic 2014 is being put forward for SAO approval in Whitehorse.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

07. Operational Safety and Health of Arctic Oil Spill Response Workers

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

The output will be a supplement to the Arctic Council "Field Guide for Oil Spill Response in Arctic Waters".

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Finalized 2015

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

08. Maintain and update the operational guidelines attached to the Agreement on Cooperation on Marine Oil Pollution Preparedness and Response

Start:	<input type="text" value="May 2013"/>	End:	<input type="text" value="Ongoing Program Updated Dec 2014"/>
AC Leads:	<input type="text" value="Norway/EPPR Chairmanship"/>		
Contact 1:	<input type="text" value="EPPR Chairmanship"/>	<input type="text"/>	<input type="text"/>
Contact 2:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Contact 3:	<input type="text"/>	<input type="text"/>	<input type="text"/>

Description (Please detail if/how Traditional Knowledge has been incorporated)

Maintain and update the operational guidelines as required

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Final Report from the first exercise, led by Canada in 2014, will be put forward for SAO approval in Whitehorse.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

09. Coordination and practical implementation of the SAR and OSR Agreements

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

[Blank]

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

At the SAO/Whitehorse, EPPR is requesting SAOs expand the Working Group's mandate to explicitly include SAR.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

10. IMO Guide on Oil Spill Response in Ice and Snow Conditions

Start:	<input type="text" value="June 2013"/>	End:	<input type="text" value="January 2016"/>
AC Leads:	<input type="text" value="Canada, Norway"/>		
Contact 1:	<input type="text" value="Ole Kristian Bjerkemo"/>	<input type="text" value="ole-kristian.bjerkemo@kystverket.no"/>	
Contact 2:	<input type="text" value="Josée Lamoureux (CA)"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Development of guide for submission to IMO.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Finalization expected 2016, pending IMO decision.

This initiative is coordinated with the following other Working Groups (or other entities)

ACAP, AMAP

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

11. EPPR Arctic Guide on oil Spill Response in Ice and Snow Conditions

Start:	<input type="text" value="June 2013"/>	End:	<input type="text" value="May 2015"/>
AC Leads:	<input type="text" value="Canada, Norway"/>		
Contact 1:	<input type="text" value="Ole Kristian Bjerkemo"/>	<input type="text" value="ole-kristian.bjerkemo@kystverket.no"/>	
Contact 2:	<input type="text" value="Josée Lamoureux (CA)"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Development of a EPPR/AC Guide based on the final draft IMO Guide, for use in Arctic regions.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

The "Arctic only" EPPR Guide is being put forward for SAO approval in Whitehorse.

This initiative is coordinated with the following other Working Groups (or other entities)

ACAP, AMAP

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

12. Prevention, Preparedness and Response for small communities

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

[Blank]

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Scoping workshop to be held in 2015 to fully develop the project and fully engage relevant stakeholders, including Permanent Participants and Observers.

This initiative is coordinated with the following other Working Groups (or other entities)

AIA and other PPs

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

13. Remotely Piloted Aircraft for Emergency Response

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

[Blank]

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Scoping workshop was held in December 2014. Follow-up activities are being developed.

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP

Unique initiative ID (ACS use only): Initiative category:



EPPR

Status: **On Track**

14. Development of a Database of Arctic Response Assets

Start:	<input type="text" value="June 2014"/>	End:	<input type="text" value="December 2015"/>
AC Leads:	<input type="text" value="U.S."/>		
Contact 1:	<input type="text" value="David Moore"/>	<input type="text"/>	<input type="text"/>
Contact 2:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Contact 3:	<input type="text"/>	<input type="text"/>	<input type="text"/>

Description (Please detail if/how Traditional Knowledge has been incorporated)

The objective for the project is to develop a searchable oil spill response database and populate it with detailed information on Arctic specific equipment, vessels, dispersant stockpiles and application platforms, in situ burn boom, well containment and cap and flow devices, and other resources owned by or regionally available to all member states of the Arctic Council.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Project was approved by the EPPR Working Group in December 2014.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

01. Arctic Marine Shipping Assessment II (A) (AMSA) – Linking with International Organizations

Start:	2009/2010	End:	Ongoing
AC Leads:	U.S.		
Contact 1:	Elizabeth McLanahan (US)	Elizabeth.McLanahan@noaa.gov	
Contact 2:	PAME Secretariat	pame@pame.is	
Contact 3:			

Description (Please detail if/how Traditional Knowledge has been incorporated)

Continue to monitor and identify opportunities to engage with international organizations (IMO, ISO, IALA, WMO etc) to advance implementation of AMSA recommendations.

Detailed notes, Oct 2015

Ongoing as work advances with AMSA implementation.

USA will submit a paper to PAME I-2016 with a proposed draft project plan for collaboration between PAME and IALA, taking into account exchanges between the two bodies to date.

A representative from the Marine, Trade & Energy Group will be invited to give a presentation at a PEM biennial meeting

Expected deliverables for 2017 Ministerial Meeting

Progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

Milestones/Decision points for SAOs

Ongoing as work advances with AMSA implementation.

Draft project plan for collaboration with PAME and IALA

Representative from the Marine, trade & Energy Group presentation at PEM biennial meeting.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

02. Arctic Marine Shipping Assessment I (A) (AMSA) - Linking with International Organizations

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

PAME in cooperation with the IMO and World Maritime University (WMU) convened an International Conference on Safe and Sustainable Shipping in a Changing Arctic Environment (ShipArc 2015) 25-28 August 2015 in Malmö, Sweden.

Detailed notes, Oct 2015

PAME acknowledges the work and contributions of the Shipping Expert group representatives in planning and participating in the ShipArc 2015. A short contribution from PAME participants to be prepared for inclusion in the forthcoming conference publication and a "Lessons learned" document to be prepared.

Expected deliverables for 2017 Ministerial Meeting

Progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

Milestones/Decision points for SAOs

Acknowledgement of Shipping Expert group in planning and participating in ShipArc 2015. Conference publication and "lessons learned" are forthcoming.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

03. AMSA I(B) – IMO Measures for Arctic Shipping

Start:	2009 / HFO Phase I 2011 / HFO Phase II 2013	End:	Ongoing
AC Leads:	Norway, Russia, U.S.		
Contact 1:	Peter Oppenheimer (Phase III)	peter.oppenheimer@noaa.gov	
Contact 2:	Anja Elisenberg (NO)	Anja.Elisenberg@md.dep.no	
Contact 3:	PAME Secretariat	pame@pame.is	

Description (Please detail if/how Traditional Knowledge has been incorporated)

HFO Phase III. Compendium of case study information on maritime incidents in the Arctic that resulted in a spill or release of HFO and the environmental impact thereof.

HFO Phase III(B): project that describes the technical challenges and risks that arise from using HFO as fuel for ships especially in cold climates.

Detailed notes Oct 2015

HFO Phase III project: USA to prepare an updated version for PAME I-2016 of the paper on “Heavy Fuel Oil Releases from Shipping in the Arctic” submitted by the USA, Russia, Kingdom of Denmark and Norway.

HFO Phase III(B) project: Norway will present the results from the HFO III(B) project on possible hazards for engines and fuels systems using heavy fuel oil in cold climates at the PAME I-2016 meeting.

Expected deliverables for 2017 Ministerial Meeting

Progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

Milestones/Decision points for SAOs

HFO Phase III project: USA to prepare an updated version for PAME I-2016 of the paper on “Heavy Fuel Oil Releases from Shipping in the Arctic” / HFO Phase III(B) project: Norway will present the results from the HFO III(B) project @ PAME I 2016

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

04. AMSA I(D) – Strengthen Passenger Ship Safety in Arctic Waters

Start:	<input type="text" value="2009/2010"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="Canada, Denmark, U.S."/>		
Contact 1:	<input type="text" value="Peter Oppenheimer"/>	<input type="text" value="peter.oppenheimer@noaa.gov"/>	
Contact 2:	<input type="text" value="Drummond Fraser"/>	<input type="text" value="drummond.fraser@tc.gc.ca"/>	
Contact 3:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Follow-up to the Arctic Marine Tourism Project released a best Practice Guidelines document in April 2015. Examples of possible follow-up actions include developing proposals for a site-specific guideline template, or compiling and updating a publicly available repository of Arctic marine tourism information.

Expected deliverables for 2017 Ministerial Meeting

Progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Additional report for the 2015-2017 period.

Milestones/Decision points for SAOs

Canada, USA and Norway to submit a paper identifying potential specific Arctic Marine Tourism Project (AMTP) follow-up activities for consideration at PAME I-2016.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

05. AMSA II(A) – Survey of Arctic Indigenous Marine Use

Start:	<input type="text" value="2011"/>	End:	<input type="text" value="(no answer)"/>
AC Leads:	<input type="text" value="PAME Chair"/>		
Contact 1:	<input type="text" value="James Gamble (AIA)"/>	<input type="text" value="aia@alaska.net"/>	
Contact 2:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Solicit progress reports from States and PPs on use of marine resources as relevant, including the AIA project on building marine based subsistence mapping capacity in Arctic coastal communities. An agreement of cooperation has been made between AIA and the Korea Maritime Institute on the project “Arctic Marine Indigenous Use Mapping: Tools for Communities”.

Expected deliverables for 2017 Ministerial Meeting

Progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

Milestones/Decision points for SAOs

Ongoing work by AIA as per their project on building marine based subsistence mapping capacity in Arctic coastal communities.

This initiative is coordinated with the following other Working Groups (or other entities)

AIA and USA with a cooperation agreement with the Korea Maritime Institute.

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

06. AMSA II(D) – Specially Designated Arctic Marine Areas

Start:	<input type="text" value="2012"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="Norway, U.S."/>		
Contact 1:	<input type="text" value="Peter Oppenheimer"/>	<input type="text" value="peter.oppenheimer@noaa.gov"/>	
Contact 2:	<input type="text" value="Anja Elisenberg (NO)"/>	<input type="text" value="Anja.Elisenberg@md.dep.no"/>	
Contact 3:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Resubmit an invitation to AMAP and CAFF to denote areas within the high seas of the Arctic Ocean that are particularly vulnerable to shipping. Once that information is received from AMAP and CAFF, PAME will further explore possible international protection measures that could be pursued by Arctic States, individually or collectively at the IMO.

Continue the development of Arctic Regional Reception Facilities Plan (RRFP)

Detailed notes Oct 2015

Norway provided PAME with a update on the status of current shipping traffic in the high seas areas of the Arctic Ocean and will provide another update in one years time (for PAME II-2016)

Continue the work of the Regional Reception Facilities Plan (RRFP) through its Correspondence Group (CG) and will provide a further progress report to PAME I-2016.

Expected deliverables for 2017 Ministerial Meeting

Progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

A final Arctic RRFP

Milestones/Decision points for SAOs

Norway provided PAME with a update on the status of current shipping traffic in the high seas areas of the Arctic Ocean. / Regional Reception Facilities Plan (RRFP) Correspondence Group (CG) progress report coming to PAME I-2016.

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP and CAFF

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

07. AMSA II(E) - Protection from Invasive Species

Start:	<input type="text" value="2013"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="All Arctic States"/>		
Contact 1:	<input type="text" value="Renée Sauvé, PAME Chair"/>	<input type="text" value="renee.sauve@dfo-mpo.gc.ca"/>	
Contact 2:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Identify possible topics of information exchange and collaboration on aquatic invasive species in the Arctic marine environment.

Expected deliverables for 2017 Ministerial Meeting

Progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

Milestones/Decision points for SAOs

Member states have been invited to submit papers on ballast water and other relevant measures to minimize the transfer of invasive aquatic species.

This initiative is coordinated with the following other Working Groups (or other entities)

CAFF and ICES

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

08. AMSA II(F) - Oil Spill Prevention

Start:	<input type="text" value="2013"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="All Arctic States"/>		
Contact 1:	<input type="text" value="Renée Sauvé, PAME Chair"/>	<input type="text" value="renee.sauve@dfo-mpo.gc.ca"/>	
Contact 2:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Possible follow-up projects based on the outcome of the TFOPP as it relates to PAME's work.

Expected deliverables for 2017 Ministerial Meeting

progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

Milestones/Decision points for SAOs

Contribute to the draft TFOPP implementation matrix prepared by EPPR and forward to EPPR and keep the PAMEs Oil and Gas Contact Group and the Shipping Expert Group informed.

This initiative is coordinated with the following other Working Groups (or other entities)

EPPR

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

09. AMSA II(G) – Address impacts on Marine Mammals

Start:	<input type="text" value="2010"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="PAME Chair, U.S."/>		
Contact 1:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	
Contact 2:	<input type="text"/>	<input type="text"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Collaborate with other AC working groups to monitor and provide support for work related to the impact of shipping on marine mammals.

Expected deliverables for 2017 Ministerial Meeting

Progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

Milestones/Decision points for SAOs

A representative from the NAMMCO International Whaling Commission (IWC) made a presentation to PAME II-2015 on its Arctic relevant programs and activities.

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP, CAFF and SDWG

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

10. AMSA II(H) – Reduce Air Emissions

Start:	<input type="text" value="2009/2010"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="Norway, U.S."/>		
Contact 1:	<input type="text" value="Elizabeth McLanahan (US)"/>	<input type="text" value="Elizabeth.McLanahan@noaa.gov"/>	
Contact 2:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

PAME will continue to explore how best it could use information it compiles on emissions (especially black carbon) from ships in the Arctic and their effects on the marine environment, including in cooperation with other working groups, in particular AMAP, to support reductions in ship air emissions.

Detailed notes, Oct 2015

PAME has invited Arctic stakeholders to augment the consolidated bibliography of ship air emission publications posted to the PAME website.

Norway will submit an update to PAME I-2016 on IMOs work with respect to black carbon.

PAME will reach out to the Task Force on Black Carbon and Methane to seek clarification on the scope of the inventory.

Expected deliverables for 2017 Ministerial Meeting

Progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

Milestones/Decision points for SAOs

Augmentation of bibliography of ship air emissions publications / Update from Norway on IMO black carbon work / Seeking clarification from EGBCM on scope of BC inventory

This initiative is coordinated with the following other Working Groups (or other entities)

EGBCM

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

11. AMSA III(A) – Address the infrastructure Deficit

Start:	<input type="text" value="2009/2010"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="U.S."/>		
Contact 1:	<input type="text" value="Elizabeth McLanahan (US)"/>	<input type="text" value="Elizabeth.McLanahan@noaa.gov"/>	
Contact 2:	<input type="text" value="Peter Oppenheimer"/>	<input type="text" value="peter.oppenheimer@noaa.gov"/>	
Contact 3:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Regular updates and status provided on infrastructure aspects such as the IMO's GISIS Port Reception Facility database.

Expected deliverables for 2017 Ministerial Meeting

Progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

Milestones/Decision points for SAOs

PAME has invited member states and Arctic stakeholders to strengthen and expand terrestrial AIS networks where appropriate and feasible in order to support safety of navigation, risk reduction, search and rescue, and incident response.

This initiative is coordinated with the following other Working Groups (or other entities)

SDWG/AMATII project in particular

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

12. AMSA III(B) – Arctic Marine Traffic Systems

Start:	<input type="text" value="2009/2010"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="U.S, in collaboration with the PAME shipping expert group and support from the PAME Secretaria"/>		
Contact 1:	<input type="text" value="Elizabeth McLanahan (US)"/>	<input type="text" value="Elizabeth.McLanahan@noaa.gov"/>	
Contact 2:	<input type="text" value="Peter Oppenheimer"/>	<input type="text" value="peter.oppenheimer@noaa.gov"/>	
Contact 3:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Build on work related to vessel traffic monitoring and tracking and build on the AMSA 2005 shipping database and develop an Arctic shipping database in consultation with AIS technical expert group members as nominated by member governments.

Detailed notes, Oct 2015

Progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

ASTD project plan and launching of an agreed ship traffic database. As an activity in the PAME 2017-2019 work plan and beyond as relevant.

Expected deliverables for 2017 Ministerial Meeting

Progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

ASTD project plan and launching of an agreed ship traffic database

Milestones/Decision points for SAOs

A revised draft project plan for the Arctic Shipping Traffic DATA (ASTD) will be presented at the PAME-I 2016 meeting.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

14. AMSA implementation progress report

Start:	<input type="text" value="2011"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="Finland, Norway, Iceland"/>		
Contact 1:	<input type="text" value="Renee Sauve (CA)"/>	<input type="text" value="renee.sauve@dfo-mpo.gc.ca"/>	
Contact 2:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Provide one more biennial AMSA shipping progress implementation reports for submission to AC Ministerial meetings. This report should address work pursuant to other Arctic Council shipping mandates and recommendations.

Expected deliverables for 2017 Ministerial Meeting

Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2015-2017 period.

Milestones/Decision points for SAOs

This is a report that summarizes progress on the AMSA 17 recommendations for the 2015-2017 period.

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP, CAFF, EPPR and SDWG as relevant to the follow-up activities of the AMSA Report.

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

16. Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities (MEMA)

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

The MEMA is a "stock-taking" exercise for the existing and available recommendations, guidance, requirements and declarations on engagement of indigenous people and local communities for marine activities. Not intended to make any new recommendations or assess their effectiveness or implementation. The MEMA project team includes members of the Oil and Gas Contact Group, Shipping Expert Group and MPA Expert Group in collaboration with the co-leads. Full account has been taken with respect to the EPPR Small Community PPR project to ensure no overlap. The MEMA project is an inventory of existing information whereas the SCPPR project is working toward identifying gaps and problems making recommendations and solutions.

Expected deliverables for 2017 Ministerial Meeting

A Final Report summarizing the database analysis with an Executive Summary, Findings and Conclusions.

Milestones/Decision points for SAOs

Progress made at PAME II-2015 and a ½ day consultation/outreach meeting will be held on the 19th of October in Anchorage, Alaska.

This initiative is coordinated with the following other Working Groups (or other entities)

EPPR

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

17. Updates of the AOOGG 2009 and Response to AMSP Strategic Actions and TFOPP Framework

Start:	<input type="text" value="2015"/>	End:	<input type="text" value="ongoing"/>
AC Leads:	<input type="text" value="PAME Oil and Gas Contact Group"/>		
Contact 1:	<input type="text" value="Elizabeth McLanahan (US)"/>	<input type="text" value="elizabeth.mclanahan@noaa.gov"/>	
Contact 2:	<input type="text" value="Dennis Thurston (US)"/>	<input type="text" value="dennis.thurston@boem.gov"/>	
Contact 3:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

The Oil and Gas Contact Group will consider the development of project proposals for the following activities:

Possible updates to the sections of the AOOGG 2009 for environmental monitoring of operations, waste management, discharge of chemicals, and emissions for possible inclusion in the PAME Work Plan 2017-2019.

Respond as appropriate to AMSP Strategic actions and Themes and Projects of the 2015-2017 United States Arctic Council Chairmanship.

Expected deliverables for 2017 Ministerial Meeting

Details to be determined

Milestones/Decision points for SAOs

The Oil and Gas Contact Group will prepare a draft concept papers for next PAME meeting on: Meaningful engagement of indigenous peoples; Environmental Impact Assessment; Operating Practices

This initiative is coordinated with the following other Working Groups (or other entities)

EPPR

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

18. Arctic Offshore Oil and Gas Regulatory Resource (AOGRR)

Start:	<input type="text" value="2011"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="PAME Secretariat"/>		
Contact 1:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	
Contact 2:	<input type="text" value="Dennis Thurston (US)"/>	<input type="text" value="Dennis.Thurston@boem.gov"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Ongoing / Website (was launched in May 2013 and provides indexed access to information and data on national entities and agencies websites related to management, regulation, and enforcement of Arctic offshore oil and gas activities. (online May 2013) / Annual spring updates

Expected deliverables for 2017 Ministerial Meeting

Website has been opened up for access and will be updated once per year. Next overview is due in January 2016.

Milestones/Decision points for SAOs

Ongoing. Member states to review their web-links and provide updated information for the website by 20th of January.

This initiative is coordinated with the following other Working Groups (or other entities)

EPPR

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

19. Arctic Ocean Review follow-up

Start:	<input type="text" value="2013"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="Canada, Norway, U.S."/>		
Contact 1:	<input type="text" value="Anja Elisenberg (NO)"/>	<input type="text" value="Anja.Elisenberg@md.dep.no"/>	
Contact 2:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Follow up to the AOR Final Report recommendations has been incorporated into the AMSP 2015-2025 and other PAME activities, as relevant.

Expected deliverables for 2017 Ministerial Meeting

Contributions to AOR follow-up is identified in all PAME activities as relevant, including the AMSP implementation reporting for the period 2015-2017.

Milestones/Decision points for SAOs

Follow-up as per the AMSP 2015-2025 implementation plan and reporting on other PAME activities. as relevant.

This initiative is coordinated with the following other Working Groups (or other entities)

All working groups as relevant to the AOR Recommendations

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

21. AMSP 2015-2025 Implementation Plan

Start:	<input type="text" value="2015"/>	End:	<input type="text" value="2017"/>
AC Leads:	<input type="text" value="Canada, Norway, U.S."/>		
Contact 1:	<input type="text" value="Renée Sauvé, PAME Chair"/>	<input type="text" value="renee.sauve@dfo-mpo.gc.ca"/>	
Contact 2:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

The Arctic Marine Strategic Plan (AMSP) 2015-2025 was approved by the Arctic Council ministers at their meeting in Iqaluit, Canada on 24th of April 2015. With reference to AMSP, Section 8.0 on Implementation, 1st draft proposal and roadmap to prepare AMSP implementation plan has been prepared and was discussed at the PAME II-2015 meeting and distributed to other Arctic Council working groups. The aim of an Implementation Plan for the AMSP 2015-2025 forty strategic actions is to provide a structured approach that tracks follow-up activities (new and ongoing) in close coordination and cooperation with other Arctic Council working groups with overall guidance from the SAOs. Next steps include a half day consultation venue with the other working groups on the 19th of Oct., back-to-back with the upcoming SAO meeting 20-22 Oct in Anchorage, Alaska. The aim is to ensure full involvement of all working groups in the development of the Implementation Plan.

Expected deliverables for 2017 Ministerial Meeting

AMSP Implementation Plan for the period 2015-2025 and a AMSP implementation progress report for the period 2015-2017.

Milestones/Decision points for SAOs

To take note of this project and provide guidance, as needed.

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP, CAFF, EPPR and SDWG on marine-related issues

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: On Track

22. Ecosystem Approach to Management

Start:	<input type="text" value="2002"/>	End:	<input type="text" value="ongoing"/>
AC Leads:	<input type="text" value="Norway, U.S."/>		
Contact 1:	<input type="text" value="Anja Elisenberg (NO)"/>	<input type="text" value="Anja.Elisenberg@md.dep.no"/>	
Contact 2:	<input type="text" value="Hein Rune Skjoldal (NO)"/>	<input type="text" value="hein.rune.skjoldal@imr.no"/>	
Contact 3:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

The work of the Ecosystem Approach expert group (EA-EG) is proceeding according to its Terms of Reference (ToRs) for the period 2015-2017 which was developed for the joint EA-EG in consultations with AMAP, CAFF and SDWG. These ToRs were developed in response to the following recommendation of the EBM Expert Group (Kiruna 2013): "Identify a lead to assure coordination of a common approach to the work of the Arctic Council on EBM in the Arctic and ensure appropriate reporting of progress to the Senior Arctic Officials" in addition to other marine-specific EBM recommendations in the Kiruna Declaration. Six elements are recognized for the implementation of the EA to management and form the basis of the work of this expert group.

Expected deliverables for 2017 Ministerial Meeting

Progress Report on the Ecosystem Approach work as per the EA-EG 2015-2017 work plan items.

Milestones/Decision points for SAOs

Progress report on the work of the Ecosystem Approach expert group (EA-EG) describing work over the last 6 months as well as a summary of achievements under the work plan for the 2015-2017 period.

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP, CAFF and SDWG

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

23. Enhance PAME's work on a Pan-Arctic Network of Marine Protected Areas (MPA)

Start:	<input type="text" value="2015"/>	End:	<input type="text" value="ongoing"/>
AC Leads:	<input type="text" value="U.S., in collaboration with the PAME and CAFF Secretariats"/>		
Contact 1:	<input type="text" value="Elizabeth McLanahan (US)"/>	<input type="text" value="elizabeth.mclanahan@noaa.gov"/>	
Contact 2:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

The Framework for a Pan-Arctic Network of MPAs was approved by the Arctic Council ministers at their meeting in Iqaluit, Canada on 24th of April 2015. Follow-up on this framework is one of the U.S. Chairmanship priorities. PAME is contributing to this work through three activities that include contributions to: 1) the MEMA project; 2) inventory and mapping of existing Arctic MPAs, and 3) desktop study on area-based conservation measures and its linkages to categories of Arctic marine biodiversity.

Expected deliverables for 2017 Ministerial Meeting

Deliverables include maps of existing MPAs and a report with a catalogue of management measures associated with different types of marine biodiversity.

Milestones/Decision points for SAOs

A workshop proposal has been submitted by USA in support of the project on "Linking area-based conservation measures to categories of Arctic marine biodiversity". Continued work on its implementation will be with the MPA expert group et al as appropriate.

This initiative is coordinated with the following other Working Groups (or other entities)

CAFF

Unique initiative ID (ACS use only): Initiative category:



PAME

Status: **On Track**

25. Follow-up of the Arctic Biodiversity Assessment

Start:	<input type="text" value="2013/2014"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="PAME"/>		
Contact 1:	<input type="text" value="CAFF Secretariat"/>	<input type="text" value="caff@caff.is"/>	
Contact 2:	<input type="text" value="PAME Secretariat"/>	<input type="text" value="pame@pame.is"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Follow up on ABA recommendations as appropriate to PAME mandate has been incorporated into the AMSP 2015-2025.

Expected deliverables for 2017 Ministerial Meeting

As a part of the AMSP implementation reporting for the period 2015-2017.

Milestones/Decision points for SAOs

As per the CAFF's follow-up matrix and AMSP 2015-2025 implementation plan, as relevant.

This initiative is coordinated with the following other Working Groups (or other entities)

CAFF

Unique initiative ID (ACS use only): Initiative category:



PAME

Status:

26. Adaptation Actions for a Changing Arctic (AACCA) part c

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

Provide input for AACCA part C to AMAP as required and Incorporated into a implementation plan/follow-up matrix that is being developed for the Arctic Ocean Review recommendations as it relates to PAMEs mandate.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

As per the AACCA (C) project plan

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP

Unique initiative ID (ACS use only): Initiative category:



SDWG

Status:

02. Assessing, Monitoring and promoting Arctic Indigenous Languages

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

Building on the Inuit Circumpolar Council's 2008 SDWG work in the same area, a follow-up Arctic Indigenous Languages Assessment Symposium was held February 10-12, 2015 in Ottawa, with strong youth participation, to present the Project's findings and facilitate knowledge transmission. Other deliverables under the Canadian Chairmanship include a Symposium Report, for information only, as well as a Project status report on the activities for 2013-15. The Arctic languages website (<http://www.arcticlanguages.com>) was launched in 2013 as an early project deliverable and features a large collection of electronic language learning tools as well as a repository of academic articles related to Arctic indigenous languages.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

[Blank]

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



SDWG

Status:

04. Electronic Memory of the Arctic

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

Electronic information resources from libraries museums, Arctic Council archives, expert blog of EMA portal will allow experts to discuss issues on history of geographical discoveries and exploration, industry, geology, nature, folklore and literature of the circumpolar world, artistic heritage, ethnography (Russian driven).

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Project is currently on hold due to transition issues related to the Russian Federation HoD.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



SDWG

Status:

07. Integrating Traditional and Local Knowledge

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

Develop recommendations to integrate traditional and local knowledge into the work of the Council.

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Role of SDWG in this effort beyond Working Group activities

This initiative is coordinated with the following other Working Groups (or other entities)

Supplied all WGs with project proposal template, including reference to TLK.

Unique initiative ID (ACS use only): Initiative category:



SDWG

Status: **On Track**

EALLU – Arctic Indigenous Youth, Climate Change and Food Culture

Start:	<input type="text" value="2015"/>	End:	<input type="text" value="2017"/>
AC Leads:	<input type="text" value="Canada, Norway, U.S., Saami Council"/>		
Contact 1:	<input type="text" value="Gunnhild Eriksen (HoD Norway)"/>	<input type="text" value="ger@mfa.no"/>	
Contact 2:	<input type="text" value="Anders Oskal (ICRH)"/>	<input type="text" value="AX@reindeercentre.org"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

Expected deliverables for 2017 Ministerial Meeting

Recommendations for Arctic States and PPs on how to take care of and utilize indigenous / reindeer herding peoples' Traditional Knowledge and food cultures for sustainable development in the Arctic.

Milestones/Decision points for SAOs

[Blank]

This initiative is coordinated with the following other Working Groups (or other entities)

The project will link to the CAFF Nomadic Herders Project, as well as AMAP Adaptation Actions to a Changing Arctic (AACAC).

Unique initiative ID (ACS use only): Initiative category:



SDWG

Status: **On Track**

RISING SUN (Suicide prevention)

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Item for information (fall 2015)

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



Expert Group

Status: **On Track**

Expert Group in support of implementation of the Framework for Action on Black Carbon and Methane

Start:	<input type="text" value="2015"/>	End:	<input type="text" value="Ongoing"/>
AC Leads:	<input type="text" value="United States"/>		
Contact 1:	<input type="text" value="Karen Florini"/>	<input type="text" value="FloriniKL@state.gov"/>	
Contact 2:	<input type="text" value="Julie Cerqueira"/>	<input type="text" value="CerqueiraJ@state.gov"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

The Expert Group was established at the Arctic Council Ministerial Meeting in Iqaluit 24 April 2015. The objective of the group is to periodically assess progress of the implementation of the Arctic Council's Framework for Action on Black Carbon and Methane, and to inform policy makers from Arctic states and for participating Arctic Council Observer States. This includes preparing, on a once every two-year cycle to the Arctic Council chairmanship, a high level "Summary of Progress and Recommendations" report, with appropriate conclusions and recommendations.

Expected deliverables for 2017 Ministerial Meeting

A "Summary of Progress and Recommendations" report, including appropriate conclusions and recommendations, will be presented to Ministers.

Milestones/Decision points for SAOs

The "Summary of Progress and Recommendations" report will be presented to SAOs before the 2017 Ministerial for review and approval before submission to Arctic Council Ministers.

This initiative is coordinated with the following other Working Groups (or other entities)

Other Working Groups may be involved, i.e. AMAP.

Unique initiative ID (ACS use only): Initiative category:



Task Force

Status: **On Track**

Task Force for Enhancing Scientific Cooperation in the Arctic

Start:	<input type="text" value="2013"/>	End:	<input type="text" value="2015"/>
AC Leads:	<input type="text" value="Russia, United States"/>		
Contact 1:	<input type="text" value="Gustaf Lind (SE)"/>	<input type="text" value="gustaf.lind@gov.se"/>	
Contact 2:	<input type="text" value="Anton Vasiliev (RF)"/>	<input type="text" value="Anton.Vasiliev@mid.ru"/>	
Contact 3:	<input type="text" value="Evan Bloom (USA)"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

The Kiruna Declaration calls on the Task Force to "...work towards an arrangement on improved scientific research cooperation among the eight Arctic States."

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

Recent Task Force meeting in Copenhagen

This initiative is coordinated with the following other Working Groups (or other entities)

N/A

Unique initiative ID (ACS use only): Initiative category:



Task Force

Status: **On Track**

Task Force on Arctic Marine Cooperation

Start:	<input type="text" value="2015"/>	End:	<input type="text" value="2017 (planned)"/>
AC Leads:	<input type="text" value="Finland, Norway, U.S."/>		
Contact 1:	<input type="text" value="Kjell Kristian Egge"/>	<input type="text" value="kjell.kristian.egge@mfa.no"/>	
Contact 2:	<input type="text" value="Brian Israel"/>	<input type="text" value="IsraelBR@state.gov"/>	
Contact 3:	<input type="text" value="Johann Sigurjonsson"/>	<input type="text" value="johann@hafro.is"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

A report identifying future needs for strengthened cooperation for Arctic marine areas will be presented to SAOs before the 2017 Ministerial for review and approval before submission to Arctic Council Ministers.

Expected deliverables for 2017 Ministerial Meeting

A report identifying future needs for strengthened cooperation for Arctic marine areas, as well as whether the Council should begin negotiations on cooperation mechanism for Arctic marine areas.

Milestones/Decision points for SAOs

report identifying future needs for strengthened cooperation for Arctic marine areas will be presented to SAOs before the 2017 Ministerial for review and approval before submission to Arctic Council Ministers.

This initiative is coordinated with the following other Working Groups (or other entities)

Meetings of the Task Force should take place back-to-back with meetings of the PAME working group.

Unique initiative ID (ACS use only): Initiative category:



Task Force

Status: **On Track**

Task Force on Telecommunications Infrastructure in the Arctic (TFTIA)

Start:	<input type="text" value="2015"/>	End:	<input type="text" value="2017 (planned)"/>
AC Leads:	<input type="text" value="Norway, Kingdom of Denmark"/>		
Contact 1:	<input type="text" value="Bo Andersen"/>	<input type="text" value="bo.andersen@spacecentre.no"/>	
Contact 2:	<input type="text" value="Niels Andersen"/>	<input type="text" value="na@space.dtu.dk"/>	
Contact 3:	<input type="text"/>	<input type="text"/>	

Description (Please detail if/how Traditional Knowledge has been incorporated)

The existing telecommunications infrastructure in the Arctic is not sufficient to meet current demands for modern community needs, regional connectivity, human services, scientific observations, navigation, and support for potential emergency SAR or oil spill response. To adequately meet increased needs of maritime and human activity and to improve the quality of life for Arctic residents, there is a strong need to assess, and ultimately expand telecommunications infrastructure.

Expected deliverables for 2017 Ministerial Meeting

The Task Force should deliver a completed assessment to include, among other things, recommendations for public-private partnerships to enhance telecommunications access and service in the Arctic.

Milestones/Decision points for SAOs

The TFTIA had its first meeting in Chicago in late September 2015. A two-page summary by the chairs is presented for SAOs' attention and information.

This initiative is coordinated with the following other Working Groups (or other entities)

[Blank]

Unique initiative ID (ACS use only): Initiative category:



Other Projects

Status:

Arctic Resilience Report

Start: End:

AC Leads:

Contact 1:

Contact 2:

Contact 3:

Description (Please detail if/how Traditional Knowledge has been incorporated)

Identify the potential for shocks and large shifts in ecosystem services that affect human well-being in the Arctic / Analyze how different drivers of change interact in ways that affect the ability to withstand shocks / Evaluate strategies for adaptation and transformation in the face of rapid change

Expected deliverables for 2017 Ministerial Meeting

[Blank]

Milestones/Decision points for SAOs

[Blank]

This initiative is coordinated with the following other Working Groups (or other entities)

AMAP (AACA part C)

Unique initiative ID (ACS use only): Initiative category: