

Amarok: Arctic Council Tracker (AACT)
Iqaluit 24 April 2015

#	Initiative Start	Initiative End	Initiative	AC Leads	Description (Please detail if/how Traditional Knowledge has been used)	Deliverables for 2015 Ministerial
Arctic Contaminants Action Program (ACAP)						
1	2013	2015	1.1 Reduction of Black Carbon from Diesel Sources in the Russian Arctic Project (SLCFC PSG)	U.S.	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.	A brochure, available in English and Russian, describing the results have been prepared. ACAP has submitted the English version to Ministers for endorsement.
2	2012	2014	1.2 Reduction of black carbon emissions from residential wood combustion in the Arctic (SLCFC PSG)	Finland, Norway	Compile information on black carbon emissions along with abatement instruments and measures / Phase 1: Desk study on emission inventories and abatement instruments and measures for reduction on black carbon / Phase 2: to be decided	Final Report: Reduction of Black Carbon Emission from Residential Wood Combustion in the Arctic
3	2013	Ongoing	1.3 Arctic Black Carbon Case Studies Platform (SLCFC PSG)	U.S.	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.	Included in ACAP input to SAO Report to Ministers.
4	2014	Ongoing	1.4 Valday Cluster Upgrade for Black Carbon Reduction in the Republic of Karelia, Russian Federation (SLCFC PSG)	U.S., NEFCO	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.	Included in ACAP input to SAO Report to Ministers.
5	2013	Ongoing	2.1 Non-ferrous/Zinc Smelter Mercury Reduction in the Russian Federation (Mercury PSG)	Russian Federation, U.S., NEFCO	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.	Included in ACAP input to SAO Report to Ministers.

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6	2010	Ongoing	2.2 Mercury Control Technology Workshop	U.S., Russian Federation	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	
7	2001	Ongoing	3. Phase III: Demonstration of environmentally sound destruction of obsolete pesticides (Obsolete Pesticides PSG)	Finland, Russian Federation	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.	Included in ACAP input to SAO Report to Ministers.
8	2001	Ongoing	4. Phase III (Dioxin/Furan PSG) Reduction/Elimination of Emissions of Dioxins and Furans in Russia with a focus on Northern regions	Sweden	Project to reduce dioxins and dust emission and training program for the Vorkutinskiy cement plant	Included in ACAP input to SAO Report to Ministers.
9	2001	Ongoing	5. Demonstration of management and destruction of 250 tons of PCB in transformers: Phase III (PCB PSG)	Russia, U.S., NEFCO	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.	Included in ACAP input to SAO Report to Ministers.

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Arctic Monitoring and Assessment Programme (AMAP)						
10	2013	2017	1. Adaptation Actions for a Changing Arctic – Part C	All	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.	Progress report
11	2013	2015	2. SLCF Expert Group	Canada, Norway, USA	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	Policy-makers summaries; Scientific assessment reports (available electronically)
12	2013	2015	3. Human Health Assessment	Canada, Norway	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)	Policy-makers summaries; Scientific assessment reports (available electronically)
13	2013	2015	4. Unmanned Aircraft Systems (UAS) Expert Groups	Norway, USA	Continue work on safety guidelines and demonstrate the use of cross-jurisdictional environmental monitoring	(void)
14	2013	2015	5. Follow-up activities Radioactivity	Norway, Russia	AMAP's radioactivity expert group will: Produce an update to the 2009 AMAP Radioactivity report	Policy-makers summaries; Scientific assessment reports (available electronically)
15	2013	2015	6. Follow-up activities POPs	Canada, Sweden	AMAP's POPs expert group will: Produce an update to the 2009 AMAP POPs assessment	Policy-makers summary on POPs trends
16	2013	ongoing	7. Sustaining Arctic Observing Networks (SAON) Project: Coordination of metadatabases	U.S.	Coordinate databases on Arctic observational metadata	Progress report (in AMAP report)
17	(void, ongoing)	(void, ongoing)	8. AMAP Trends and Effects Programme	All	AMAP is conceived as a <i>process</i> 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 conditions; - 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.	The programme provides input to AMAP assessments

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Conservation of Arctic Flora and Fauna (CAFF)						
18	2001	ongoing	1. Circumpolar Biodiversity Monitoring Program (CBMP) - General	Kingdom of Denmark, U.S. are the overall leads for the CBMP. Individual components are led by different countries. The key components are outlined in this tracking tool.	<ul style="list-style-type: none"> •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. 	See below
19	2009	ongoing	1.1 CBMP Marine Biodiversity Monitoring group	Rotating chairs currently - US and Norway currently leading the steering group	<ul style="list-style-type: none"> •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. 	<ul style="list-style-type: none"> •National reports for implementation of the marine monitoring plan (2015) •Annual report and workplan (2014)
20	2010	ongoing	1.2 CBMP Freshwater Biodiversity Monitoring group	Rotating chairs currently - Canada, Sweden currently leading the steering group	<ul style="list-style-type: none"> •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. 	<ul style="list-style-type: none"> •National reports for implementation of the freshwater monitoring plan (2013) •Annual report and workplan (2014)

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21	2011	ongoing	1.3 CBMP Terrestrial Biodiversity Monitoring group	Rotating chairs currently - Canada is currently leading implementation of the plan.	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> National reports for implementation of the terrestrial monitoring plan (2015) Annual report and work plan (2014)
22	2014	2015	1.4 CBMP Coastal Biodiversity Monitoring Plan	Canada, U.S. co-leads	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Terms of Reference (2015)
23	2001	2015	1.5 CBMP <ul style="list-style-type: none"> Indicators and indices 	CAFF Secretariat lead	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Indices reports for migratory birds and land cover change (2015)
24	2012	ongoing	2. Nomadic herders: enhancing resilience of pastoral ecosystems and livelihoods	Russia	<ul style="list-style-type: none"> 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. 	None

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25	2013	2015	3. Arctic Biodiversity Congress	Norway, Canada	<ul style="list-style-type: none"> • A major international science and policy conference being held December 2-4, 2014. Objective of the Congress is to promote the conservation and sustainable use of Arctic biodiversity through dialogue among scientists, policy-makers, government officials, industry, civil society and indigenous peoples. • There were several Congress case studies and sessions devoted to the ABA recommendation related to TK, including on the co-production of knowledge as well as TK in circumpolar initiatives. 	<ul style="list-style-type: none"> • Chairs' statement on conclusions and recommendations (2015) • Congress proceedings (2015) • Case study summary (2015) • Scenario planning summary (2015) • Three theme summaries (2015)
26	2013	2015 (delivery of the implementation plan, however, follow-up to the plan will be ongoing)	4. Arctic Biodiversity Assessment Implementation Plan	Canada, Norway	<ul style="list-style-type: none"> • Ministers directed the development of an implementation plan for the policy recommendations part of the Arctic Biodiversity Assessment (ABA). The ABA was a key deliverable for CAFF in 2013 and included: (1) an Arctic Biodiversity Trends (2010) report; (2) a full ABA Scientific Report and synthesis (2013); (3) compendiums of traditional ecological knowledge (2013); and lastly, (4) the ABA Summary for Policy Makers (2013). • The implementation plan is an important product that will help shape the direction of CAFF's work and ensure follow-up to a major Arctic Council assessment. • TK was considered in the ABA, including through the creation of TK compendiums as well as specific policy recommendations related to TK. • Work is also underway a report entitled, "Understanding Traditional Knowledge on Biodiversity Change in North America", to improve the TK included in the ABA compendium focused on the North American region. • Work is underway on the Economics of Ecosystems and Biodiversity in the Arctic 	<ul style="list-style-type: none"> • Reports to SAOs/Ministers 2015 • ABA Implementation Plan (2015)
27	2013	2017	5. The Arctic Migratory Bird Initiative	Canada, Norway, Russia	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Progress report to SAOs/Ministers (2015)

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Conservation of Arctic Flora and Fauna (CAFF)						
28	1992	ongoing	6. Seabird program	Overall chair: Canada. Individual components are led by different countries	<ul style="list-style-type: none"> • 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. 	Items scheduled for delivery include: <ul style="list-style-type: none"> • Circumpolar Seabird Monitoring Plan (2014)
29	1992	ongoing	7. Arctic Flora program	Overall chair: US. Individual components are led by different countries	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Moss & Lichen checklists • Proceedings of CFG workshops - 2013/14
30	2011	ongoing	8. Conservation of biodiversity in a changing Russian Arctic - scoping study	Russia	Assessment activity	
31	2012	ongoing	9. Arctic Biodiversity Data Service (CAFF)	CAFF Secretariat, Individual components are led by different countries	<ul style="list-style-type: none"> • 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. 	Arctic Biodiversity Data Service – portal and data framework (2015)

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Emergency Prevention, Preparedness and Response (EPPR)						
32		Ongoing Program - umbrella-project Updated Dec 2014	1. Arctic Rescue - 2014	Russia	Improve state of preparedness and response along the Russia Northern Sea Route including conducting exercises and conferences	Included in EPPR input to SAO Report to Ministers
33		Ongoing Program - umbrella-project Updated Dec 2014	2. Development of Safety Systems in Implementation of Economic and Infrastructure Projects - 2014	Norway, Russia	Improvement of industrial and environmental safety related to economic and infrastructural projects (primarily development of hydrocarbons on the Arctic continental shelf and hydrocarbons transportation)	Included in EPPR input to SAO Report to Ministers.
34		Phase I: March 2010-Sept 2014. Phase II: Sept 2013-Sept 2015	3. Arctic Region Oil Spill and Logistics: Environmental Response Management Application (ERMA) Phase I and II	U.S., Canada	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.	Pending SAO approval: Final Report on Phase I and II of Arctic ERMA
35		Ongoing Program Updated June 2014	4. Arctic Environmental Hazards and National Mitigation Programs	U.S.	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	Pending SAO approval: Arctic Environmental Hazards and National Mitigation Programs
36	June 2014	December 2014	5. Planning of a Circumpolar Oil Spill Response Gap Analysis	US, Norway, Denmark (TBC)	A Gap Analysis will be the first step. Discussions on how this is being undertaken by lead countries.	Included in EPPR input to SAO Report to Ministers.
37		Ongoing program for exercises	6. Radiation Emergency Training and Exercises	Russia, U.S.	Improve emergency preparedness and response capabilities through radiological emergency exercises / Next full-scale exercise planned for mid-2014 in Russia	Pending SAO approval: "Handbook: Exercise "Arctic-2014" A brochure will be made available for the Showcase event.
38	October 2011	June 2015	7. Operational Safety and Health of Arctic Oil Spill Response Workers	U.S.	The output will be a supplement to the Arctic Council "Field Guide for Oils Spill response in the Arctic Waters".	Included in EPPR input to SAO Report to Ministers.
39	May 2013	Ongoing Program Updated Dec 2014	8. Maintain and update the operational guidelines attached to the Agreement on Cooperation on Marine Oil Pollution Preparedness and Response	Norway/EPPR Chairmanship	Maintain and update the operational guidelines as required	Pending SAO approval: Exercise: After Action Report on the Agreement on Cooperation on Marine Oil Pollution Preparedness and Response in the Arctic
40	May 2013	Ongoing Program Updated Dec 2014	9. Coordination and practical implementation of the SAR and OSR Agreements	Norway, U.S., Denmark (TBC)		Inclusion of SAR in the EPPR mandate will need to be included in the Declaration and/or SAO Report to Ministers.
41	June 2013	January 2016	10. IMO Guide on Oil Spill Response in Ice and Snow Conditions	Canada, Norway	Development of guide for submission to IMO.	

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Emergency Prevention, Preparedness and Response (EPPR)						
42	June 2013	May 2015	11. EPPR Arctic Guide on oil Spill Response in Ice and Snow Conditions	Canada, Norway	Development of a EPPR/AC Guide based on the final draft IMO Guide, for use in Arctic regions.	Pending SAO approval: Guide to Oil Spill Response in Snow and Ice Conditions in the Arctic
43	June 2014	2017	12. Prevention, Preparedness and Response for small communities	Norway, US, Canada, AIA, ICC		Included in EPPR input to SAO Report to Ministers.
44	June 2014	June 2015 for scoping	13. Remotely Piloted Aircraft for Emergency Response			
45	June 2014	December 2015	14. Development of a Database of Arctic Response Assets	U.S.	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.	Included in EPPR input to SAO Report to Ministers.

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Protection of the Arctic Marine Environment (PAME)						
46	2009/2010	Ongoing	1. Arctic Marine Shipping Assessment II (A) (AMSA) – Linking with International Organizations	U.S.	Continue to monitor and identify opportunities to engage with international organizations (IMO, ISO, IALA, WMO etc) to advance implementation of AMSA recommendations	progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2013-2015 period.
47	2009/2011 HFO Phase II 2011	HFO Phase II Report finalized in Feb 2014	2. AMSA I(B) – IMO Measures for Arctic Shipping	Norway, Russia, U.S.	Actions 1 and 2: Support the work of IMO on developing the Polar Code, including on Heavy Fuel Oil (HFO) in the Arctic / Action 3: Project will include: obtaining and analyzing data on vessel activity; identification of gaps in existing regulatory requirements for use and carriage of HFO; preparation of a risk analysis for present and projected use of HFO	progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2013-2015 period. Additional report on follow-up recommendations to the HFO Phase II project (to be decided at the PAME II-2014 meeting in Sep)
48	2009/2010	Ongoing as work advances with AMSA implementation and relevant work within relevant international organizations	3. AMSA I(D) – Strengthen Passenger Ship Safety in Arctic Waters	Canada, Denmark, U.S.	Continue to monitor and support IMO activities to strengthen passenger ship safety and work with passenger ship industry and others to identify and improve best practices. Also see item 10.	progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Additional report for the 2013-2015 period. Report on follow-up recommendations to the AMSA I(D) project (to be decided at the PAME II-2014 meeting in Sep).
49	2011	Ongoing, part of SDWG/ICC and AIA activities	4. AMSA II(A) – Survey of Arctic Indigenous Marine Use	PAME Chair	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	progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2013-2015 period.
50	2012	AMSA II(D) Report finalized in Feb 2014	5. AMSA II(D) – Specially Designated Arctic Marine Areas	Canada, Finland, Norway, Russia, U.S.	Develop recommendations on areas with the high seas of the Arctic Ocean that may merit consideration as possible proposals for protective measures in IMO	progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2013-2015 period.
51	2014	Ongoing	6. AMSA II(D)-Regional Reception Facilities Plan (RRFP)	Russia, USA in collaboration with the correspondence group/project team	Prepare an Arctic RRFP as a long term solution, meeting the challenges facing the expected increases in shipping. The aim is to allow for the environmentally sound management of ships waste and ensure that ships can comply with MARPOL in the Arctic.	provided as an activity in the PAME 2015-2017 WP
52	2013	Ongoing	7. AMSA II(F) - Oil Spill Prevention	All Arctic States	Contribution and communication to the TFOPP as it relates to PAMEs work.	progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2013-2015 period.

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Protection of the Arctic Marine Environment (PAME)						
53	2010	Ongoing	8. AMSA II(G) – Address impacts on Marine Mammals	PAME Chair, U.S.	Collaborate with other AC working groups to monitor and provide support for work related to the impact of shipping on marine mammals	progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2013-2015 period.
54	2009/2010	Ongoing	9. AMSA II(H) – Reduce Air Emissions	Finland, Norway, Russia, U.S.	Monitor and support IMO work related to black carbon / Encourage continued scientific research related to BC emissions, including a technical definition and appropriate measurement methods and control measures	progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2013-2015 period.
55	2009/2010	Ongoing	10. AMSA III(A) – Address the infrastructure Deficit	U.S.	Continue to monitor and support initiatives for strengthening Arctic marine infrastructure	progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2013-2015 period.
56	2009/2010	Ongoing	11. AMSA III(B) – Arctic Marine Traffic Systems	Norway, U.S, in collaboration with the PAME shipping expert group and the PAME Secretariat	Build on work related to vessel traffic monitoring and tracking and build on the AMSA 2005 shipping database and develop an Arctic shipping data service in consultation with AIS technical experts identified by member governments.	progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2013-2015 period. Also an activity in the PAME 2015-2025 WP
57	2013	Final Report including recommendation to be submitted to the 2015 Ministerial meeting	12. Arctic Marine Tourism Project (AMTP)	Canada, U.S	Potential elements could include: collecting and assessing existing information on trends and adverse and beneficial impacts; developing an inventory of existing laws, codes, practices, guidelines and best practices; identifying fundamental principles of sustainable tourism; developing best practices / Canada will champion the development of Arctic Cruise Ship Guidelines as part of its AC Chairmanship commitments	Final report on the Arctic Marine Tourism Project (AMTP) "Best Practices".
58	2010	Ongoing	13. Update the Arctic Ship traffic data - Linking with AMSA III(B) above	All Arctic States	Explore opportunities for updating arctic ship traffic data contained in AMSA for use in studies, assessments, trend analysis and development of recommendations that enhance Arctic marine safety (Also see item 9)	As an activity in the PAME 2015-2025 WP
59	2011	Ongoing	14. AMSA implementation progress report	Canada, Finland, U.S.	Continue to provide biennial AMSA implementation progress reports for submission to AC Ministerial meetings	progress/status provided in the "Status of the Implementation of the AMSA 2009 Recommendations" Report for the 2013-2015 period.
60	2011	Final Report submitted and approved by the Apr 2014 SAO meeting	15. Health, Safety and Environmental Management Systems for Offshore Oil and Gas Drilling Activities	U.S.	Findings from the HSE and Safety Culture workshops, Deepwater Horizon investigations, regulatory systems reviews and assessment of management systems in the Arctic are being completed. Recommendations will be developed based on these findings for the final report.	submit to the 2015 Ministerial for approval.

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Protection of the Arctic Marine Environment (PAME)						
61	2011	Ongoing	16. Arctic Oil and Gas Management, Regulation and Enforcement (MRE) Web-Based Information Resource	PAME Secretariat	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	General update/status on follow-up of this report as a part of the PAMEs progress report to ministers 2015. Website to be opened up for access and will be updated once per year.
62	2013	Ongoing	17. Arctic Ocean Review follow-up	Canada, Norway, U.S.	Activities to be added based on the findings of the AOR, and approved by SAOs	contributions to AOR follow-up is identified in all PAME activities as relevant.
63	2013	Ministerial meeting 2015	18. Revision of the Arctic Council Marine Strategic Plan (AMSP)	Canada, Norway, U.S.	Will take into account relevant outcomes from Kiruna Ministerial for inclusion into a new AMSP	Final revised Arctic Marine Strategic Plan (AMSP) for the period 2015-2025.
64	2009	ongoing activity by PAME since 2002	19. Ecosystem Approach to Management	Norway, U.S.	Continue to work on integrated assessment and comparing case studies / Consider the use of identified areas of heightened ecological significance / Refer to the PAME 2013-2015 Work Plan for further details on activities. PAME will continue with specific projects based on the priorities of the Arctic Council, taking into account outcomes and needs from other Arctic Council work, including the follow-up of the EBM	Progress Report on the Ecosystem Approach work and a revised ToR for the joint EA-EG, including follow-up to the EBM Recommendations of relevance to PAME.
65	2013	Final Report submitted and approved by the 2015 Ministerial meeting	20. Framework for a Pan-Arctic Network of Marine Protected Areas (MPA)	Canada , Norway, U.S.	Form an expert group to explore the development of a Pan Arctic framework for a network of Arctic Marine Protected Areas	Final report on the Framework for a Pan-Arctic Marine Protected Area (MPA) Network project.
66	2013/2014	Ongoing	21. Follow-up of the Arctic Biodiversity Assessment	PAME	Will follow up on ABA recommendations as appropriate to PAME mandate and incorporated into a implementation plan/follow-up matrix that is being developed for the Arctic Ocean Review recommendations.	
67	2013	Ongoing	22. Adaptation Actions for a Changing Arctic (AACA) part c	PAME	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.	

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#	Initiative Start	Initiative End	Initiative	AC Leads	Description (Please detail if/how Traditional Knowledge has been used)	Deliverables for 2015 Ministerial
Sustainable Development Working Group (SDWG)						
68	November 2011	2015	1. Arctic Human Development Report II (AHDR-II)	Iceland, Canada, Kingdom of Denmark	The Arctic Human Development Report II (AHDR-II) provides a decadal update and synthesis report on the state of human development in the Arctic.	N/A
69	November 2011	Ongoing	2. Assessing, Monitoring and promoting Arctic Indigenous Languages	ICC, Canada, Kingdom of Denmark , U.S.	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.	Project Status Report
70	November 2011	2015	3. A Circumpolar-wide Inuit Response to the AMSA	ICC, Canada, Kingdom of Denmark,U.S.	Communicate findings of the AMSA to Inuit and seek guidance on moving AMSA forward / Expand earlier survey on Inuit use of sea and sea ice to assess how current Inuit use of sea and sea-ice is impacted by Arctic shipping.	Final Report – The Sea Ice Never Stops: Circumpolar Inuit Reflections on Sea Ice Use and Shipping in Inuit Nunaat
71	November 2011	Unknown	4. Electronic Memory of the Arctic	Russia, Norway	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).	N/A
72	November 2011	2015	5. Reindeer Herding and Youth (EALLIN)	Russia, Norway, Saami Council	Building on the work of the SDWG's 2009 EALAT Reindeer Herders' Voice project, efforts are ongoing to maintain and further develop sustainable reindeer husbandry in the Arctic / Work towards a vision of creating a better life for circumpolar reindeer herders / Continue to promote knowledge building.	Final Report and Executive Summary – Youth: The Future of Reindeer Herding Peoples
73	22-Oct-13	2015	6. Gender and Equity in the Arctic	Iceland, Finland, Norway, Kingdom of Denmark, AIA	Builds on the Taking Wing conference on gender equality and women in the Arctic that was organized in 2002. A conference was held in Akureyri, Iceland in October 2014 that focused on the living conditions of men and women throughout the circumpolar North, addressing key issues including access to and control over resources, representation in decision-making, political participation, regional development, human security, and material and cultural wellbeing.	Conference Report

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Sustainable Development Working Group (SDWG)						
74	Mar-14	2015 (recommendations) Ongoing (implementation)	7. Integrating Traditional and Local Knowledge	Canada, Kingdom of Denmark, US, AIA, GCI	Develop recommendations to integrate traditional and local knowledge into the work of the Council.	Recommendations for the integration of traditional and local knowledge into the work of the Arctic Council.
75	22-Oct-13	2015	8. Promoting Mental Wellness in Northern Circumpolar Communities. A symposium was held in Iqaluit, Canada in March 2015 in order to provide a forum to present finding, transfer knowledge, foster collaboration, and showcase best practices.	Canada, Norway, U.S., Russia, Kingdom of Denmark, ICC	Builds on the outcomes and recommendations of the Nuuk Hope and Resilience seminar (2009) and enhances the evidence base to promote mental wellness in circumpolar communities. Two research teams assessed circumpolar approaches to mental wellness and the potential for adapting interventions into other regions. A symposium will be held in Iqaluit, Canada in March 2015 in order to provide a forum to present finding, transfer knowledge, foster collaboration, and showcase best practices.	Final Report - Sharing Hope: Circumpolar Perspectives on Promising Practices for Promoting Mental Wellness and Resilience
76	23-Oct-13	2015	9. Arctic Adaptation Exchange: Facilitating Adaptation to Climate Change	Canada, US, AIA, GCI	The Arctic Adaptation Exchange online portal builds on the ongoing adaptation work of the Arctic Council, notably the Adaptation Actions for a Changing Arctic project (AACAA). The portal will serve as a central information hub for communities, researchers, and decision-makers across a variety of sectors by bringing the Arctic Council's work on adaptation, along with other relevant resources, together in one place in support of information exchange and decision-making.	Adaptation Portal
77	24-Oct-13	2015	10. Review of Cancer Among Circumpolar Indigenous Peoples	Canada, Kingdom of Denmark, ICC	The project addresses cancer as an emerging health concern among circumpolar Indigenous Peoples, and recognizes the need for effective prevention and control measures through reliable surveillance data. Drawing on regional data specific to Indigenous populations, this project reviewed the patterns and trends of cancer among Arctic Indigenous Peoples.	Final Report – Review of Cancer Among Circumpolar Indigenous Peoples: Summary Report

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#	Initiative Start	Initiative End	Initiative	AC Leads	Description (Please detail if/how Traditional Knowledge has been used)	Deliverables for 2015 Ministerial
Current Task Forces						
78	2013	2015	Facilitating the Creation of the Arctic Economic Council	Chair: Canada; co-chairs: Russia, Finland and Iceland	The AEC will be looked to as an independent body to promote sustainable economic and social development, and environmental protection. The AEC will also involve indigenous businesses and will provide a venue for all representatives to advance Arctic-oriented interests, share best practices, forge partnerships and engage in deeper cooperation.	Creation of the Arctic Economic Council
79	2013	2015	Arctic Marine Oil Pollution Prevention	Norway, Russia	The Kiruna Declaration calls for a Task Force to be established "...to develop an Arctic Council action plan or other arrangement on oil pollution prevention, and to present the outcomes of its work and any recommendations for further action at the next Ministerial meeting in 2015."	The goal is to develop an Arctic Council Action Plan on marine oil pollution prevention
80	2013	2015	Action on Black Carbon and Methane	Canada, Sweden	Addressing short-lived climate pollutants (SLCPs), such as black carbon and methane, offers the potential for local health benefits as well as substantial near-term climate benefits as part of a comprehensive strategy to address climate change. This initiative builds on the recent scientific and technical work on SLCPs accomplished within the Arctic Council, and complements work already underway in domestic, regional and other international forums, such as the Climate and Clean Air Coalition (CCAC).	To develop arrangements on actions to achieve enhanced black carbon and methane emissions reductions in the Arctic
81	2013	2015	Enhancing Scientific Cooperation in the Arctic	Russia, United States	The Kiruna Declaration calls on the Task Force to "...work towards an arrangement on improved scientific research cooperation among the eight Arctic States."	Recommendations on ways to enhance scientific cooperation
Canadian Chairmanship Initiatives						
82	2013	2015	Promoting Traditional Ways of Life	Chairmanship, Finland, GCI	An education and advocacy strategy aimed at promoting the traditional ways of life of Arctic inhabitants.	Develop a compendium of best practices on promoting traditional ways of life Develop an advocacy plan to promote the traditional ways of life of Arctic inhabitants.
83	2013	2015	Strengthening the Arctic Council	Chairmanship	Main outcomes of this work are to: improve administrative processes, enhance the profile of the Arctic Council and enhance PP capacity. Examples of this include: tracking and reporting on the Council's work; increasing collaboration and coordination with international organizations; developing and archiving project with in-kind contributions from Library and Archives Canada; evaluating PP capacity, including funding; and promoting youth engagement.	Improved records management practices. Tracking on all ongoing Arctic Council initiatives. Improved administrative processes. Recommendations for enhancing Permanent Participant capacity.
Other AC Projects						
84	2011		Arctic Resilience Report	Sweden	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.	