

# AMAROK

ARCTIC COUNCIL PROJECT STATUS REPORT, MAY 2021

## 1.2 Arctic Green Shipping - SLCP Mitigation

**SAO Notes:** The completion report for Phase 1 of the Pilot Project for Reducing CO2 and Black Carbon Emissions on the Rivers of the Arctic Zone of the Russian Federation is being finalized, and on 26 January the PSC held a meeting to agree on recommendations regarding Phase 2, including possible investments.

**Deliverables 2021:**

**Contact:**

Ekaterina Veselova (RF) [VeselovaEV@mnr.gov.ru](mailto:VeselovaEV@mnr.gov.ru)

## ACAP

**AC Leads:**  
USA

**Timeframe:**  
- Ongoing

**Status:**  
On track

### 1.3 Arctic Black Carbon Case Studies Platform (SLCP EG)

**SAO Notes:** Currently, there are more than 85 case studies highlighted. Project leads have worked with EGBCM and introduced links to emissions inventories from Arctic States and Observers to the platform.

**Deliverables 2021:**

New cases studies

**Contact:**

Patrick Huber [huber.patrick@epa.gov](mailto:huber.patrick@epa.gov)

## ACAP

**AC Leads:**  
RUS

**Timeframe:**  
2017 - Ongoing

**Status:**  
On track

### 1.6 Phase-out of ozone-depleting substances and fluorinated greenhouse gases (HFC) at fish and seafood processing enterprises (SLCP EG)

**SAO Notes:** A Project Implementation Agreement was signed on 31 January 2020 between NEFCO and ICSTI (International Council for Scientific and Technical Information) as the Implementing Agency (IA). The IA's work has progressed according to plan with a visit to Murmansk before the lockdowns due to COVID-19. The Project Supervising Committee is operational. The project is waiting for the approval of one of its beneficiaries. NEFCO is in the final stages of agreeing to contractual set-up and wording.

**Deliverables 2021:**

**Contact:**

Ekaterina Veselova (Russia)  
[VeselovaEV@mnr.gov.ru](mailto:VeselovaEV@mnr.gov.ru)

## 1.7 Mitigation of black carbon and methane emissions from APG flaring in the Arctic zone of the Russian Federation

**SAO Notes:** The project is completed. To further highlight the economic and environmental benefits of mitigating emissions of SLCPs from APG flaring, ACAP is planning to produce a video aimed at promoting best practices in the oil and gas industry with respect to the flaring of associated petroleum gas (APG). The script is currently being finalized by ACAP. Moreover, new project ideas in this area have been provided to the EG SLCP for further consideration.

### Deliverables 2021:

1) Report on the Webinar on Black Carbon and Methane Emissions from the Oil and Gas Sector with recommendations; 2) Final Report on the Project; and 3) a project video.

### Contact:

Ekaterina Veselova (RF) VeselovaEV@mnr.gov.ru

## 2.6 Promotion of decrease of the Barents region pollution by introduction of BAT

**SAO Notes:** The implementation of the P3.2 – Promotion of Decreased Pollution in the Arctic Region with the Introduction of Best Available Techniques (BAT) project is expected to start in spring 2021, after the study reservation has been lifted in December 2020.

### Deliverables 2021:

### Contact:

Ekaterina Veselova (RF) VeselovaEV@mnr.gov.ru

## 2.7 ARCRISK - Mercury Risk Evaluation, Risk Management and Risk Reduction Measures in the Arctic

**SAO Notes:** The ARCRISK - Mercury Risk Evaluation, Risk Management, and Risk Reduction Measures in the Arctic project received PSI funding for Work Packages #2-6. In March 2021, the PSI Committee approved the Final Investment Decision of a PSI commitment of up to EUR 789,000 for the project. The aim of this project is to develop an action plan with targeted risk reduction measures for mercury releases from key sources in Canada, Norway and Russia.

**Deliverables 2021:****Contact:**

Åke Mikaelsson (Swedish EPA)  
Ake.Mikaelsson@naturvardsverket.se

## 2.8 P2 Inventory of uses of POPs and Mercury and their Emission Sources in Murmansk Region

**SAO Notes:** Implementation of the project P2 - Inventory of uses of POPs and Mercury and their Emission Sources in Murmansk Region has started after some challenges with contracting. This project is focused on promoting installation of control techniques aiming at limiting/eliminating release of POPs and Mercury. The project received PSI funding in 2020. Recently, the Tomsk Polytechnic University (TPU) joined the project team.

**Deliverables 2021:****Contact:**

Åke Mikaelsson (Swedish EPA)  
Ake.Mikaelsson@naturvardsverket.se

## ACAP

**AC Leads:**  
FIN, RUS

**Timeframe:**  
2001 - 2021

**Status:**  
Delayed

### 3.2 Demonstration of management and destruction of 250 tons of PCB in transformers: Phase III (Hazardous Waste EG)

**SAO Notes:** The project is delayed pending completion of the UNIDO-GEF-Russian Railways PCB project, which has been extended until the second quarter of 2021.

**Deliverables 2021:**

**Contact:**

Ekaterina Veselova VeselovaEV@mnr.gov.ru

## ACAP

**AC Leads:**  
FIN, NOR, SWE

**Timeframe:**  
2017 - 2021

**Status:**  
Completed

### 3.3 Demonstration of Rapid Environmental Assessment of Pesticides Contaminated Sites (Hazardous Waste EG)

**SAO Notes:** The project is completed. As there were some cost savings during the implementation of the REA project, the EG on Waste is planning to develop a Workshop on the REA Project results and other waste management issues, which can be held in fall 2021 in Arkhangelsk, Russia.

**Deliverables 2021:**

Report demonstrating Rapid Environmental Assessment technique to evaluate human health and environmental threats of pesticides storage facilities in three Arctic Regions of Russian Federation.

**Contact:**

Timo Seppälä (FI) timo.seppala@ymparisto.fi

### 3.4 Dudinka Municipal Waste Land-fill project

**SAO Notes:** Moscow based consultant EIPC is working on the project proposal on a grant received from PSI. The first draft of Phase 0 report has been submitted to the EG for review and comments by the end of January 2021. The outcomes of Phase 0 were presented at the ACAP WG meeting in January.

**Deliverables 2021:****Contact:**

Timo Seppälä (FI) timo.seppala@ymparisto.fi

### 3.5 Phase-out and Environmentally Sound Management of Fire-fighting Foams Containing Perfluorooctanesulfonic Acid (PFOS) and Perfluorooctanoic Acid (PFOA) in the Arctic Region

**SAO Notes:** The Phase-out and Environmentally Sound Management of Fire-fighting Foams Containing Perfluorooctanesulfonic Acid (PFOS) and Perfluorooctanoic Acid (PFOA) in the Arctic Region project received PSI funding in December 2020 and the implementation is expected to start in spring 2021. NEFCO is currently working on recruiting a consultant. An updated title of the project is "AFFF (Aqueous Film Forming Foam) and other PFAS containing Foam Phase Out in the Arctic".

**Deliverables 2021:****Contact:**

Timo Seppälä (FI) timo.seppala@ymparisto.fi

## ACAP

**AC Leads:**

USA, FIN, NOR, SWE

**Timeframe:**

2015 - Ongoing

**Status:**

On track

### 4.1 Circumpolar Local Environmental Observers (CLEO) Network (IPCAP)

**SAO Notes:** The Circumpolar Local Environment Observer Network (CLEO) project has made good progress in the Sapmi area across borders of Sweden, Finland and Norway, and establishment of a CLEO hub in Kautokeino, Norway. Continued work is undertaken in Alaska and Canada. Upcoming work under the Circumpolar LEO Initiative will focus on the youth component, which includes activities in Sápmi and in the Far East of Russia. The latter were postponed due to the COVID-19 pandemic.

**Deliverables 2021:**

CLEO: Summary for Policymakers (which will have a link to the report on the progress of the CLEO Initiative with focus on Sapmi)

**Contact:**

Patrick Huber [huber.patrick@epa.gov](mailto:huber.patrick@epa.gov)

## ACAP

**AC Leads:**

USA, AIA

**Timeframe:**

2016 - Ongoing

**Status:**

On track

### 4.2 Community-based black carbon and public health assessment (IPCAP)

**SAO Notes:** The Community-Based Black Carbon and Public Health Assessment (Phase 2) project was approved for PSI funding in December 2020, and the project leads are starting conversations with NEFCO on its implementation.

**Deliverables 2021:****Contact:**

Liza Mack [liza.mack@aleut-international.org](mailto:liza.mack@aleut-international.org)



## 4.3 Kola Waste project

**SAO Notes:** Kola Waste Project, led by the Saami Council and funded by Sweden and Norway, has made good progress. 3 phases have been completed. In 2019-2020, Saami Association of the Murmansk Region (OOSMO) cleaned up several large and small unauthorized open solid waste dumpsites in Lovozero, Revda and Krasnoshchelye (Murmansk Oblast, Russia). During winter 2019/2020 the collected waste was transported to a properly managed landfill. In February 2021, OOSMO has started the backhaul of the rest of collected waste from Krasnoshchelye to Lovozero. Project activities also included meetings with municipal administration and awareness-raising events for local residents. The project report is one of the deliverables for the 2021 Ministerial meeting. The IPCAP EG is planning to organize a Kola Waste Outreach Webinar and Educational Virtual (or physical) Tour during the next half a year depending on the situation around the COVID-19 pandemic. This tour also aims at mobilizing schools and local communities in the CLEO network.

### Deliverables 2021:

Kola Waste Project Report and a video

### Contact:

Ivan Matrekhin [ivan@saamicouncil.net](mailto:ivan@saamicouncil.net)

## 4.4 Solid Waste Management in Remote Arctic Communities

**SAO Notes:** ACAP approved Solid Waste Management in Remote Arctic Communities project proposal at its meeting in September 2020. It was also endorsed by SDWG. An application for PSI funding has been submitted by SDWG and ACAP to the PSI Committee for consideration at its meeting in November. Norway will co-lead the project together with AIA. The project design has taken into account COVID-19 considerations. The PSI Committee approved the Final Investment Decision of a PSI commitment of up to EUR 500,000 for the project on 15 March 2021.

### Deliverables 2021:

### Contact:

Gay, Santina [Gay.Santina@epa.gov](mailto:Gay.Santina@epa.gov)

## 02. Air Pollution, including SLCFs

### SAO Notes:

**Deliverables 2021:**

Summary for Policymakers and Scientific background report

**Contact:**AMAP Secretariat [amap@amap.no](mailto:amap@amap.no)

## 03. Human Health and combined effects

### SAO Notes:

**Deliverables 2021:**

Assessment report; SPM

**Contact:**AMAP Secretariat [amap@amap.no](mailto:amap@amap.no)

## 04. Unmanned Aircraft Systems (UAS)

### SAO Notes:

### Deliverables 2021:

**Contact:**  
AMAP Secretariat [amap@amap.no](mailto:amap@amap.no)

## 05. Contaminant issues: Radioactivity

### SAO Notes:

### Deliverables 2021:

**Contact:**  
AMAP Secretariat [amap@amap.no](mailto:amap@amap.no)

## 06. Contaminant issues: POPs and mercury

### SAO Notes:

**Deliverables 2021:**

(1) and (2) Summary for Policymakers and Scientific background report; (3) Data products and contributions to report

**Contact:**

AMAP Secretariat amap@amap.no

## 07. Sustaining Arctic Observing Networks (SAON)

### SAO Notes:

**Deliverables 2021:****Contact:**

SAON Secretariat: Jan Rene Larsen  
(jan.rene.larsen@amap.no)

AMAP

**AC Leads:**

CAN, FIN, ICE, KOD,  
NOR, RUS, SWE,  
USA, AAC, AIA, GCI,  
ICC, RAIPON, Saami  
Council

**Timeframe:**

Pre2000 - Ongoing

**Status:**

On track

## 08. AMAP Trends and Effects Programme

**SAO Notes:**

**Deliverables 2021:**

**Contact:**

AMAP Secretariat [amap@amap.no](mailto:amap@amap.no)

AMAP

**AC Leads:**

NOR, SWE, USA

**Timeframe:**

2018 - Ongoing

**Status:**

On track

## 10. Climate Issues: Cryosphere, meteorology, ecosystem impacts

**SAO Notes:**

**Deliverables 2021:**

Climate issues of concern report; SPM

**Contact:**

AMAP Secretariat [amap@amap.no](mailto:amap@amap.no)

## 13. Arctic marine microplastics and litter

**SAO Notes:****Deliverables 2021:****Contact:**  
AMAP Secretariat, amap@amap.no

## 01. Circumpolar Biodiversity Monitoring Program (CBMP) - General

**SAO Notes:** CBMP Strategic plan 2021-2025 approved by the CAFF board at the CAFF biennial and approved by the SAOs**Deliverables 2021:**

CBMP Strategic Plan 2021-2025

**Contact:**  
Tom Barry, tom@caff.is

CAFF

**AC Leads:**  
KOD, ICE

**Timeframe:**  
2009 - Ongoing

**Status:**  
On track

## 01.1 CBMP Marine Biodiversity Monitoring group

**SAO Notes:** Updates on Sea Birds approved at the SAO March meeting. Awaiting decision on Marine Mammals

**Deliverables 2021:**

SAMBR Update for Sea birds; Marine Mamals is pending final SAO decision

**Contact:**

Tom Barry tom@caff.is

CAFF

**AC Leads:**  
SWE, NOR, KOD

**Timeframe:**  
2021 - Ongoing

**Status:**  
On track

## 01.2 CBMP Freshwater Biodiversity Monitoring group

**SAO Notes:**

**Deliverables 2021:**

**Contact:**

Tom Barry, tom@caff.is

CAFF

**AC Leads:**  
ICE, USA

**Timeframe:**  
2011 - Ongoing

**Status:**  
On track

## 01.3 CBMP Terrestrial Biodiversity Monitoring group

**SAO Notes:** START report approved by the CAFF board February 2021 and sent to the SAOs

**Deliverables 2021:**

State of the Arctic Terrestrial Biodiversity Report (START) Full scientific report & START Summary for Policy Makers

**Contact:**

Tom Barry tom@caff.is

CAFF

**AC Leads:**  
CAN, USA

**Timeframe:**  
2014 - Ongoing

**Status:**  
On track

## 01.4 CBMP Coastal Biodiversity Monitoring Plan

**SAO Notes:**

**Deliverables 2021:**

**Contact:**

Tom Barry tom@caff.is



CAFF

**AC Leads:**

**Timeframe:**

2001 - Ongoing

**Status:**

On track

## 01.5 CBMP Indicators

**SAO Notes:**

**Deliverables 2021:**

**Contact:**

Tom Barry tom@caff.is

CAFF

**AC Leads:**

SWE, NOR, KOD

**Timeframe:**

2021 - 2023

**Status:**

Completed

## 04. Second Arctic Biodiversity Congress

**SAO Notes:** Actions for Biodiversity: Implementation of the Arctic Biodiversity Assessment (ABA) Recommendations: Progress Report submitted for the March SAO meeting

**Deliverables 2021:**

Actions for Biodiversity: Implementation of the Arctic Biodiversity Assessment (ABA) Recommendations: Progress Report

**Contact:**

Tom@caff.is

CAFF

**AC Leads:**  
SWE

**Timeframe:**  
2013 - 2023

**Status:**  
On track

## 06. Actions for Arctic Biodiversity 2013-2023: Implementing the recommendations of the Arctic Biodiversity Assessment

**SAO Notes:** The Actions for Arctic Biodiversity 2013-21: Implementing the recommendations of the Arctic Biodiversity Assessment (ABA) guides how the Arctic Council addresses biodiversity. A new action plan for the coming years has been delayed due to the COVID-19 pandemic related challenges, including delays in international processes informing our work. Key actions in phase 4 of the ABA (2021-2023) include the development of a new plan, as well as completing projects, implementing strategies and plans developed in early phases, evaluating progress and designing follow-up. During the incoming Chairmanship, CAFF will undertake a prioritization process regarding all activities it plans to conduct.

**Deliverables 2021:**

**Contact:**  
Tom Barry tom@caff.is

CAFF

**AC Leads:**  
CAN, NOR, RUS, USA

**Timeframe:**  
2013 - Ongoing

**Status:**  
On track

## 07. The Arctic Migratory Birds Initiative

**SAO Notes:** Project depends on continued engagement with Observers. SAO support of this cooperation appreciated.

**Deliverables 2021:**

AMBI Workplan 2019-23; AMBI Mid-term evaluation; Arctic Seabirds & Plastics; Review of plastic pollution policies re seabirds; Plastic ingestion by seabirds; Developing a program to monitor plastic pollution in seabirds; Skimming the Surface (film)

**Contact:**  
Courtney Price courtney@caff.is

CAFF

**AC Leads:**  
FIN

**Timeframe:**  
Pre2000 - Ongoing

**Status:**  
On track

## 08. Seabird program

**SAO Notes:**

**Deliverables 2021:**

Black-legged Kittiwake Conservation Strategy and Action Plan; Seabird Population Trends & Colony Database; What's the catch with lumpsuckers? Quantifying the relative impact of hunting and oiling on Brünnich's guillemots.

**Contact:**

Mia Rönkä miaron@utu.fi

CAFF

**AC Leads:**  
RUS

**Timeframe:**  
2011 - Ongoing

**Status:**  
On Hold

## 10. Conservation of biodiversity in a changing Russian Arctic

**SAO Notes:** Subject to GEF funding issues

**Deliverables 2021:**

To be determined

**Contact:**

Evgeny Syroechkovskiy ees\_jr@yahoo.co.uk

CAFF

AC Leads:

Timeframe:  
2012 - Ongoing

Status:  
On track

## 11. Arctic Biodiversity Data Service (CAFF)

SAO Notes:

**Deliverables 2021:**  
Progress report 2019-2021

**Contact:**  
Tom Barry tom@caff.is

CAFF

AC Leads:

Timeframe:  
2014 - Ongoing

Status:  
On track

## 12. Capacity Building

SAO Notes: CAFF 6-year Strategy to engage youth, 2021-2026 approved by SAOs

**Deliverables 2021:**  
Youth Engagement Strategy: 2021-2026

**Contact:**  
Tom Barry tom@caff.is

CAFF

**AC Leads:**  
USA

**Timeframe:**  
2017 - 2021

**Status:**  
Completed

## 12.1 Inspiring Arctic Voices

**SAO Notes:**

**Deliverables 2021:**

CAFF youth engagement strategy for 2021-2026

**Contact:**

Gilbert Castellanos,  
gilbert\_Castellanos@fws.gov

CAFF

**AC Leads:**  
SWE

**Timeframe:**  
2017 - Ongoing

**Status:**  
On track

## 12.2 CAFF IASC Fellowship

**SAO Notes:**

**Deliverables 2021:**

Results of CAFF-IASC Fellowship

**Contact:**

Tom Barry tom@caff.is

CAFF

**AC Leads:**  
SWE, USA, CAN

**Timeframe:**  
2017 - Ongoing

**Status:**  
On track

## 13. Mainstreaming

**SAO Notes:**

**Deliverables 2021:**  
Mainstreaming Biodiversity in Arctic Mining: Progress Report

**Contact:**  
Tom Barry tom@caff.is

CAFF

**AC Leads:**  
USA

**Timeframe:**  
2016 - Ongoing

**Status:**  
Completed

## 15. Traditional Knowledge and CAFF

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
gilbert\_castellanos@fws.gov

CAFF

**AC Leads:**  
SWE

**Timeframe:**  
2017 - Ongoing

**Status:**  
On track

## 16. Scoping for Resilience and Management of Arctic Wetlands

**SAO Notes:**

**Deliverables 2021:**

Phase 2 report; and Key Findings and Policy Recommendations report

**Contact:**

Marcus Carson [marcus.carson@sei.org](mailto:marcus.carson@sei.org)

CAFF

**AC Leads:**  
GCI

**Timeframe:**  
2019 - 2023

**Status:**  
On track

## The Arctic Wildland Fire Ecology Mapping and Monitoring Project (ArcticFIRE)

**SAO Notes:**

**Deliverables 2021:**

**Contact:**

Tom Barry, [tom@caff.is](mailto:tom@caff.is)

CAFF

**AC Leads:**

**Timeframe:**

2021 - Ongoing

**Status:**

On track

## Understanding climate change impacts on Arctic ecosystems and associated climate feedbacks (joint CAFF-AMAP project)

**SAO Notes:**

**Deliverables 2021:**

**Contact:**

Tom Barry, tom@caff.is

EPPR

**AC Leads:**

RUS

**Timeframe:**

- Ongoing

**Status:**

On track

## 01. Arctic Rescue

**SAO Notes:** EPPR attended the International Prevention and Response Conference in St. Petersburg in October 2019, organized by the RF as an event within this project.

Next conference planned to be held in October 2020 in Kaliningrad was postponed, and the current plan is to hold the event in conjunction with EPPR-II meeting in December 2021 hosted by Russian Federation, circumstances allowing.

**Deliverables 2021:**

**Contact:**

Tatiana Naumova, RF emercom-t@yandex.ru



EPPR

**AC Leads:**  
RUS

**Timeframe:**  
- Ongoing

**Status:**  
On track

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

**SAO Notes:** In support of this project, SAR and Oil Spill Response exercises are undertaken annually. Latest exercise was organized in September 2020 by EMERCOM.

**Deliverables 2021:**

**Contact:**  
Tatiana Naumova, RF emercom-t@yandex.ru

EPPR

**AC Leads:**  
CAN, USA

**Timeframe:**  
2013 - Ongoing

**Status:**  
On track

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

**SAO Notes:** EPPR and MER EG are working in cooperation with the ACGF drafting the after action report from the successful Arctic Guardian/MOSPA 2021 Exercise that took place in April 2021 in an online format. MER EG has finalized an administrative update of the Operational Guidelines and a new version has been approved and uploaded to OAA. The After Action Report of the Joint EPPR-ACGF MOSPA Tabletop Exercise from October 2020 is a deliverable in Reykjavik 2021 Ministerial.

**Deliverables 2021:**

Joint EPPR-ACGF Arctic Guardian/MOSPA 2020 TTX After Action Report

**Contact:**  
EPPR Chairmanship

EPPR

**AC Leads:**  
FIN, NOR, USA

**Timeframe:**  
2013 - Ongoing

**Status:**  
On track

## 09. Coordination and practical implementation of the SAR agreement (SAR Expert Group)

**SAO Notes:** At EPPR-I 2020 meeting, the need to update the SAR Agreement for administrative purposes in accordance with Article 10, and the procedures regarding the update were discussed. SAR EG is looking closer into the details.

**Deliverables 2021:**

**Contact:**  
Ben Strong (USA) Benjamin.m.strong@uscg.mil

EPPR

**AC Leads:**  
CAN, KOD, NOR,  
USA, AIA

**Timeframe:**  
2014 - Ongoing

**Status:**  
On track

## 12. Prevention, Preparedness and Response for Small Communities

**SAO Notes:** Project partners US, Canada, AIA and Norway, in cooperation with a production company, have finalized a second outreach video on oil pollution risk and impact to communities, which was launched in December 2020. The video is a Ministerial deliverable in 2021, and the project will continue with Phase IV and a third educational outreach video.

**Deliverables 2021:**

A second outreach movie titled "Oil Pollution Risks and Impact to Communities".

**Contact:**  
Ole Kristian Bjerkemo (NOR) ole-kristian.bjerkemo@kystverket.no

EPPR

**AC Leads:**  
USA

**Timeframe:**  
2015 - Ongoing

**Status:**  
On track

## 14. Development of a Database of Arctic Response Assets

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Eric Miller, BSEE eric.miller@bsee.gov

EPPR

**AC Leads:**  
KOD, NOR, RUS,  
SWE, USA

**Timeframe:**  
2015 - 2020

**Status:**  
Completed

## 15. ARCSAFE

**SAO Notes:** Project has been working in a similar manner as an EG, and the decision has been made to finish the project and to continue activities under the RAD EG in cooperation with the other EPPR Expert Groups.

**Deliverables 2021:**

**Contact:**  
Øyvind Aas-Hansen oyvind.aas-  
hansen@nrpa.no

EPPR

**AC Leads:**  
CAN, NOR

**Timeframe:**  
2015 - Ongoing

**Status:**  
On track

## 17. Follow-up on the Framework Plan on Oil Pollution Prevention

**SAO Notes:** No update for the Ministerial meeting in 2021 will be submitted this time.

**Deliverables 2021:**

**Contact:**  
EPPR [eppr@arctic-council.org](mailto:eppr@arctic-council.org)

EPPR

**AC Leads:**  
USA

**Timeframe:**  
2017 - Ongoing

**Status:**  
Completed

## 20. Compendium of Arctic Ship Accidents (CASA)

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
CDR Michael Simbulan (US)  
[michael.j.simbultan@usgc.mil](mailto:michael.j.simbultan@usgc.mil)

EPPR

**AC Leads:**  
USA

**Timeframe:**  
2018 - Ongoing

**Status:**  
Completed

## 22. Creating an EPPR Image Library

### SAO Notes:

The guidelines for submission to the EPPR Image Library were approved by EPPR through a silence procedure intersessionally in October 2019. The guidelines include instructions on the quality of the images (including photographs, illustrations animations, and video) and a template to capture the necessary metadata for proper archiving in the image library. The library is hosted in EPPR SharePoint and was finalized during December 2019.

**Deliverables 2021:**  
EPPR Image Library

**Contact:**  
Eric Miller (US) eric.miller@bsee.gov

EPPR

**AC Leads:**  
NOR

**Timeframe:**  
2018 - 2021

**Status:**  
On track

## 24. Risk Assessment methods and metadata - development of guideline and tool

**SAO Notes:** The Arctic Marine Risk Assessment Guideline was approved by EPPR in March 2020. A press release was sent out on AC and EPPR mailing lists, that generated some international interest in the guideline. In April 2020 a webinar with around 70 participants was held introducing and demoing the guideline. A factsheet has been developed to showcase the guideline. The guideline is a Ministerial deliverable in 2021. A new project phase and continuation of the development is planned.

**Deliverables 2021:**  
Arctic Marine Risk Assessment Guideline web-based tool

**Contact:**  
Trine Solevaagseide (NO)  
trine.solevaagseide@kystverket.no

EPPR

**AC Leads:**  
NOR

**Timeframe:**  
2018 - 2021

**Status:**  
On track

## 25. Circumpolar Oil Spill Response Viability Analysis - Phase II (COSRVA 2)

**SAO Notes:** On behalf of EPPR and in partnership with the co-leads from Iceland and Norway, DNV GL has finished phase II of the project that produced a web-based tool based on the COSRVA analysis report from Phase I and updated metocean datasets. The tool was presented at the EPPR-II 2019. Web-based tool is linked to the new EPPR website. In April 2020 two webinars were organized to introduce and demo the tool, gathering around 80 participants. EPPR presented COSRVA in Arctic oil spill themed Twitter conference organized by APP4SEA in April. The project leads are planning a possible new phase of the project in cooperation with Danish Centre for Environment and Energy at Aarhus University. The web-based tool is a Ministerial deliverable in 2021.

**Deliverables 2021:**

Circumpolar Oil Spill Response Viability Analysis (COSRVA) web-based tool

**Contact:**

Ole Kristian Bjerkemo (NO) ole-kristian.bjerkemo@ljustverket.no

EPPR

**AC Leads:**  
FIN, NOR

**Timeframe:**  
2018 - 2021

**Status:**  
On track

## 26. RADSAR - Sharing of competence with SAR in a maritime radiological/nuclear (RN) scenario

**SAO Notes:** RADSAR project leads have finalized the RADSAR report, it has been approved by EPPR and is a Ministerial deliverable in 2021.

**Deliverables 2021:**

RADSAR Report

**Contact:**

Tore Hongset (NO) tore.honset@jrcc-bodoe.no

EPPR

**AC Leads:**  
GCI

**Timeframe:**  
2019 - Ongoing

**Status:**  
On track

## 27. Circumpolar Fire

**SAO Notes:** The project steering committee meets regularly and has started gathering material for the project and sharing information, that the project coordinators work with. Project resources were secured in early 2021. Joint workshop with CAFF has been planned for 2021 or 2022.

**Deliverables 2021:**

**Contact:**  
Edward Alexander/gciadmin@gwichin.nt.ca

EPPR

**AC Leads:**  
NOR

**Timeframe:**  
2019 - Ongoing

**Status:**  
On track

## 28. New Low Sulphur Fuels, Fate and Behavior in Cold Water Conditions

**SAO Notes:** The project is led jointly by representatives from EPPR and PAME promoting collaboration on a subject that intersects the mandates of these two Working Groups. The project has gathered a lot of interest both from EPPR and PAME sides, including the Observers. The project has five work packages focusing on sections of the project which will be developed further with the participants. The project is so far on track and has had two meetings with work ongoing, but Covid-19 pandemic can cause delay on some parts.

**Deliverables 2021:**

**Contact:**  
Ole Kristian Bjerkemø

EPPR

**AC Leads:**  
NOR, CAN

**Timeframe:**  
2020 - 2021

**Status:**  
On track

## 29. Risks Project (RAD EG)

**SAO Notes:** The RAD EG decided to produce a summary consensus report that has been finalized and approved by EPPR and is a Ministerial deliverable. A full technical report of the project will serve as a background information and inform future RAD EG work.

**Deliverables 2021:**

Project report is planned to be submitted as a deliverable.

**Contact:**

Øyvind Aas-Hansen oyvind.aas-hansen@dsa.no

EPPR

**AC Leads:**  
NOR, USA

**Timeframe:**  
2020 - 2021

**Status:**  
On track

## 30. NEPTUNE

**SAO Notes:** The project has concluded its activities and the co-leads Norway and the U.S. are developing a final report. The activities carried out during 2020 included a survey to gather data and a tabletop exercise.

**Deliverables 2021:**

**Contact:**

Synnøve Lunde, NCA,  
synnove.lunde@kystverket.no



## 31. Arctic Lessons Learned Arena

**SAO Notes:** An agency to develop the technical solution has been hired after mapping out the key features and possible platforms and the demo version of the platform is ready and was showcased in EPPR January meeting. The development of the platform continues.

**Deliverables 2021:**

**Contact:**

Tore Hongset, th@jrcc-bodoe.no

## Expert Group

**AC Leads:**  
ICE

**Timeframe:**  
2015 - Ongoing

**Status:**  
On track

## Expert Group in support of implementation of the Framework for Action on Black Carbon and Methane (EGBCM)

**SAO Notes:** The Expert Group held its first meeting during the IS Chairmanship in October 2019. The group held two online working meetings in the fall of 2020, and an online meeting in January 2021 to work on the 3rd Summary Report. In addition, the Chair has convened teleconferences with the sector leads and the Chair's writing group. An additional meeting is planned for 3 March 2021 to finalize remaining questions and approve the 3rd Summary Report. Finland, Kingdom of Denmark, Iceland, Norway, Sweden and Canada have submitted their national reports, in addition to nine Observer States and the EU.

**Deliverables 2021:**

The EGBCM will submit its 3rd Summary Report to the Arctic Council Ministerial meeting in 2021.

**Contact:**

Chair Kristín Linda Árnadóttir  
Kristin.Linda.Arnadottir@landsvirkjun.is

PAME

**AC Leads:**  
NOR, USA

**Timeframe:**  
2019 - 2022

**Status:**  
Delayed

## 7th EA Workshop

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Lis Jorgensen lislin@hi.no

PAME

**AC Leads:**  
USA

**Timeframe:**  
2019 - 2023

**Status:**  
On track

## A framework for more systematically engaging with Observers on shipping related matters

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
CAN, FIN, ICE, KOD,  
NOR, RUS, SWE, USA

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## AMSP Implementation Status Report 2019-2021

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
ICE, CAN

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## Arctic Marine Tourism: Development in the Arctic and enabling real change

**SAO Notes:**

**Deliverables 2021:**  
Summary report with recommendations.

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**

**Timeframe:**

2017 - 2021

**Status:**

On track

## Arctic Protected and Important Areas

**SAO Notes:**

**Deliverables 2021:**

**Contact:**

PAME

**AC Leads:**

USA, NOR

**Timeframe:**

2019 - 2023

**Status:**

On track

## Arctic Ship Traffic Data

**SAO Notes:** ASTD has given the Arctic Council a unique opportunity to analyse Arctic shipping trends - ASTD provides high-quality data for the whole of the Arctic Council and is one of PAME flagship projects.

**Deliverables 2021:**

**Contact:**

Hjalti Hreinsson [hjalti@pame.is](mailto:hjalti@pame.is)

PAME

**AC Leads:**  
CAN, USA, RUS

**Timeframe:**  
2017 - 2023

**Status:**  
On track

## Arctic Shipping Best Practice Information Forum

**SAO Notes:** The 4th Arctic Shipping Best Practice Information Forum annual meeting will take place online 24-25 November 2020.

**Deliverables 2021:**

**Contact:**  
Hjalti Hreinsson hjalti@pame.is

PAME

**AC Leads:**  
USA

**Timeframe:**  
2019 - 2023

**Status:**  
On track

## Arctic Shipping Status Reports

**SAO Notes:** PAME released the The first ASSR report (ASSR #1) on March 31 2020. This report provides information on general Arctic shipping trends between 2013 and 2019 and shows how much Arctic ship traffic has increased. PAME conditionally approved the 2nd Arctic Shipping Status Report (ASSR #2) on "Heavy Fuel Oil in the Arctic" which will be released in October 2020.

**Deliverables 2021:**

Many short reports on Arctic shipping activities will be produced.

**Contact:**  
Hjalti Hreinsson hjalti@pame.is

PAME

**AC Leads:**  
FIN, ICE

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## Black Carbon emissions from shipping activity in the Arctic and technology developments for their reduction

**SAO Notes:**

**Deliverables 2021:**  
Summary report.

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## Capacity building, information outreach and collaboration

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
CAN, ICE, AIA

**Timeframe:**  
2019 - 2021

**Status:**  
On track

Collect and summarize information on Arctic State safe and low-impact marine corridor initiatives

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
USA, AIA

**Timeframe:**  
2019 - 2021

**Status:**  
On track

Collect, report and/or review information about on-shore use by indigenous peoples and local communities of HFO

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

AC Leads:

Timeframe:

Status:

2017 - 2021

On track

## Compendium of Shipping Accidents in the Arctic (CASA): Follow-up

SAO Notes:

Deliverables 2021:

Contact:

Soffia Gudmundsdottir pame@pame.is

PAME

AC Leads:

Timeframe:

Status:

USA

2019 - 2023

On track

## Develop a non-binding PAME-ARHC MoU

SAO Notes:

Deliverables 2021:

Signed MoU.

Contact:

Soffia Gudmundsdottir pame@pame.is



PAME

**AC Leads:**  
NOR

**Timeframe:**  
2019 - 2023

**Status:**  
On track

## Develop an overview of Arctic States' and Observer States' interpretation of the Polar Code

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
FIN, USA

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## Develop two factsheets on Marine Protected Areas (MPAs) under change

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Elizabeth McLanahan  
Elizabeth.McLanahan@noaa.gov

PAME

**AC Leads:**  
NOR

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## Environmental toxicity and fate of light and intermediate fuel when spilled in cold waters

**SAO Notes:**

**Deliverables 2021:**  
Summary report.

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**

**Timeframe:**  
-

**Status:**  
On track

## Expansion and Refinement of the MPA Network Toolbox

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
CAN, USA

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## Follow-up on the Framework Plan on Oil Pollution Prevention (FP-OPP)

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## Implementation Plan for the ARIAS Strategy and Action Plan

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
NOR, USA

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## Integrated Ecosystem Assessment (IEA) of the Central Arctic Ocean

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
CAN, USA, AIA, ICC,  
Saami Council

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## MEMA Information handbook for engagement with indigenous peoples and local communities

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Dennis Thurston dennis.thurston@boem.gov

PAME

**AC Leads:**  
SWE

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## Modelling Arctic oceanographic connectivity to further develop PAME's MPA toolbox

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
CAN, KOD, FIN, ICE,  
NOR, SWE, USA, AIA

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## Regional Action Plan on Marine Litter

**SAO Notes:**

**Deliverables 2021:**  
Regional Action Plan on Marine Litter.

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
NOR, USA

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## Report on development in defining or setting Ecological objectives

**SAO Notes:**

**Deliverables 2021:**  
Report for approval.

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
NOR, USA

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## The 2nd International Science and Policy Conference on Implementation of the Ecosystem Approach to Management in the Arctic

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
CAN, USA

**Timeframe:**  
2019 - 2023

**Status:**  
On track

## Underwater Noise in the Arctic – Phase I

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
CAN, USA

**Timeframe:**  
2017 - 2021

**Status:**  
On track

## Update of PAME's shipping priorities and recommendations

**SAO Notes:**

**Deliverables 2021:**  
Updated recommendations for SAO approval.

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

PAME

**AC Leads:**  
USA

**Timeframe:**  
2019 - 2021

**Status:**  
On track

## Update/status report on current offshore oil and gas activities by Arctic States

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Soffia Gudmundsdottir pame@pame.is

SDWG

**AC Leads:**  
CAN, FIN, USA

**Timeframe:**  
2015 - Ongoing

**Status:**  
Completed

## 15. Operationalizing a One Health approach in the Arctic (One Health)

**SAO Notes:** See the project report: One Arctic – One Health Final Report (submitted 19 Feb 2019)

**Deliverables 2021:**

Report: One Arctic – One Health Final Report

**Contact:**  
Reid Creedon (HOD USA),  
CreedonRM@state.gov



## SDWG

**AC Leads:**  
CAN, FIN, KOD, ICC

**Timeframe:**  
2018 - Ongoing

**Status:**  
Completed

# 16. Circumpolar Resilience, Engagement and Action Through Story (CREATes)

**SAO Notes:** See the project report: Project CREATes: Circumpolar Resilience, Engagement and Action Through Story

**Deliverables 2021:**

Final Report: Project CREATes: Circumpolar Resilience, Engagement and Action Through Story

**Contact:**

Sarah Cox (HOD Canada), sarah.cox@canada.ca

## SDWG

**AC Leads:**  
FIN, ICE, SWE, AIA,  
Saami Council

**Timeframe:**  
2017 - Ongoing

**Status:**  
Completed

# 20. Gender Equality in the Arctic II (see Gender project above for update details)

**SAO Notes:** See:

Information Sheet: Gender Equality in the Arctic II

Website: <https://arcticgenderequality.network/>

**Deliverables 2021:**

Information Sheet: Gender Equality in the Arctic II; Website: <https://arcticgenderequality.network/>

**Contact:**

Jón Erlingur Jónasson (HoD Iceland) jej@mfa.is

## SDWG

**AC Leads:**  
FIN, RUS, RAIPON,  
CAN

**Timeframe:**  
2017 - 2021

**Status:**  
Completed

## Arctic Children: Preschool and School Education

**SAO Notes:** The project leads are currently developing a proposal for the next phase of the project to be discussed with co-leads and project partners. Due to Covid-19, the development of this proposal has been postponed and is now expected to be part of SDWG 2021-2023 work plan.

**Deliverables 2021:**  
None

**Contact:**  
Anna Polezhaeva polezhaeva@fadn.gov.ru

## SDWG

**AC Leads:**  
RUS, CAN, NOR

**Timeframe:**  
2020 - 2023

**Status:**  
On track

## Arctic Demography Index

**SAO Notes:**

**Deliverables 2021:**

**Contact:**

## SDWG

**AC Leads:**  
RUS, CAN, NOR

**Timeframe:**  
2020 - 2023

**Status:**  
On track

### Arctic Demography Index

**SAO Notes:** This project was endorsed intersessional by the SDWG in August 2020. It is included in the SDWG 2021-2023 work plan.

**Deliverables 2021:**

**Contact:**  
Oleg Solyakov Solyakov1@yandex.ru

## SDWG

**AC Leads:**  
CAN, FIN, ICE, AIA,  
GCI, RUS

**Timeframe:**  
2019 - 2023

**Status:**  
Delayed

### Arctic Food Innovation Cluster (AFIC)

**SAO Notes:** This project was endorsed at the SDWG meeting in February 2019. Adjustments have been made to the project as a result of the pandemic. The final report will not be ready for 2021 Arctic Council Ministerial Meeting. The project will be part of the SDWG 2021-2023 work plan.

**Deliverables 2021:**

**Contact:**  
Sarah Cox sarah.cox@canada.ca

SDWG

**AC Leads:**  
RUS, NOR

**Timeframe:**  
2020 - 2023

**Status:**  
On track

## Arctic Hydrogen Energy Applications and Demonstrations (AHEAD)

**SAO Notes:** This project was endorsed by SDWG at the 8-9 June 2020 SDWG plenary meeting. It is identified as a project in the SDWG 2021-2023 work plan.

**Deliverables 2021:**  
none

**Contact:**  
Oleg Solyakov solyakov1@yandex.ru

SDWG

**AC Leads:**  
CAN, NOR, AIA,  
Saami Council, RUS

**Timeframe:**  
2019 - 2023

**Status:**  
Delayed

## Arctic Indigenous Youth, Climate Change and Food Culture (EALLU) II

**SAO Notes:** This project was endorsed at the Sept. 2019 SDWG meeting. Due to Covid-19, the first Arctic Indigenous Peoples' Food Congress planned for March 9-13, 2020 was cancelled. Organizers are now considered reschedule for 2022. The cancellation of this event and other delays in activities as a result of the pandemic mean that project leads will need more time to fully deliver (est. full delivery by 2023). This project is included in the SDWG 2021-2023 work plan.

**Deliverables 2021:**  
Project Update

**Contact:**  
Steinar Lindberg steinar.lindberg@mfa.no

## SDWG

**AC Leads:**  
CAN, ICE, USA, GCI,  
RUS

**Timeframe:**  
2019 - 2023

**Status:**  
Delayed

# Arctic Remote Energy Networks Academy (ARENA) II

**SAO Notes:** ARENA II was endorsed for two years with the possibility to extend for another 2 years at the September 2019 SDWG meeting. Due to Covid-19, on-site sessions in Canada, the United States and Iceland have been postponed until 2021. Participants to connect virtually until further notice. This project is included in the SDWG 2021-2023 work plan.

### Deliverables 2021:

**Contact:**  
Devlin Fernandes  
gci.executivedirector@gmail.com

## SDWG

**AC Leads:**  
CAN, USA, ICE

**Timeframe:**  
2016 - 2020

**Status:**  
Completed

# Arctic Renewable Energy Atlas (AREA)

**SAO Notes:** The AREA website was launched in May 2020.

### Deliverables 2021:

- Online tools for Arctic communities interested in renewable energy.

**Contact:**  
James Lovell LovellJW@state.gov

SDWG

**AC Leads:**  
RUS, FIN

**Timeframe:**  
2021 - 2023

**Status:**  
On track

## Biosecurity in the Arctic

**SAO Notes:**

**Deliverables 2021:**

**Contact:**  
Valerii Chashchin valerych05@mail.ru

SDWG

**AC Leads:**  
CAN, ICE, KOD, NOR,  
USA, AIA

**Timeframe:**  
2019 - 2021

**Status:**  
Completed

## Blue Bioeconomy in the Arctic Region

**SAO Notes:**

**Deliverables 2021:**  
Final report

**Contact:**  
Aðalheiður Þorsteinsdóttir (HoD Iceland)  
adalheidur.thorsteinsdottir@utn.is

## SDWG

**AC Leads:**  
RUS, NOR, RAIPON

**Timeframe:**  
2020 - Ongoing

**Status:**  
On track

# Digitalization of Linguistic and Cultural Heritage of Indigenous Peoples of the Arctic

**SAO Notes:** This project was endorsed at the October 2020 SDWG plenary meeting. This project is included in the SDWG 2021-2023 work plan.

### Deliverables 2021:

**Contact:**  
Oleg Soliakov Solyakov1@yandex.ru

## SDWG

**AC Leads:**  
ICE, SWE, FIN, CAN,  
Saami Council, AIA,  
USA

**Timeframe:**  
2019 - 2021

**Status:**  
Completed

# Gender and Equity in the Arctic (GEA) III

### SAO Notes:

### Deliverables 2021:

Pan-Arctic report on gender and diversity in the Arctic; a digital quarterly newsletter about the status of GEA III and highlight gender-related topics in the Arctic

**Contact:**  
Embla Eir Oddsdóttir embla@arcticiceland.is

## SDWG

**AC Leads:**

CAN, FIN, KOD, SWE,  
ICC, Saami Council

**Timeframe:**

2019 - Ongoing

**Status:**

Delayed

## Local 2 Global: Circumpolar collaboration for suicide prevention and mental wellness

**SAO Notes:** This project was endorsed for 4 years (2019-2023) at the September 2019 SDWG meeting. Due to Covid-19, project leads are exploring options to transition certain activities online. Further modification to the project plan and the timeline to complete the project plan will depend on further developments with the pandemic.

**Deliverables 2021:**

Adverse childhood experiences virtual workshop held in March-April of 2021;  
and Knowledge sharing virtual activity held in March of 2021.

**Contact:**

Sarah Cox sarah.cox@canada.ca

## SDWG

**AC Leads:**

USA, CAN, FIN, KOD

**Timeframe:**

2020 - 2023

**Status:**

Delayed

## One Arctic, One Health

**SAO Notes:** This follow-on project was endorsed at the June 8-9 2020 Virtual SDWG Plenary meeting. The Kingdom of Denmark and Norway expressed interest in joining as potential co-leads. Due to Covid-19, the related March 2020 conference One Health, One Future was postponed to 2021 (TBC) and efforts to sponsor a One Arctic, One Health tabletop exercise in Canada were postponed. Project leads are now planning a virtual knowledge sharing activity in Nov. 2020 on the Association between Mental Health, National Identity, and Preservation of Native Culture. A virtual One Arctic, One Health conference in April 2021. This project is included in the SDWG 2021-2023 work plan.

**Deliverables 2021:**

Global Health Security Risks from Microbial Threats in the Arctic  
Workshop; Association between Mental Health, National Identity, and  
Preservation of Native Culture – virtual knowledge sharing activity; and  
One Health, One Future virtual conference

**Contact:**

Joshua Glasser GlasserJL@state.gov



SDWG

**AC Leads:**  
AIA, CAN, FIN, USA,  
Saami Council

**Timeframe:**  
2020 - 2023

**Status:**  
On track

## Solid Waste Management in Small Arctic Communities

**SAO Notes:** This project was endorsed intersessionally by the SDWG in August 2020. It is included in the SDWG 2021-2023 work plan. The community solid waste online assessment tool planned as a 2021 deliverable will now be completed during the 2021-2023 work period.

**Deliverables 2021:**  
community solid waste online assessment tool

**Contact:**  
Liza Mack liza.mack@aleut-international.org

SDWG

**AC Leads:**  
CAN, ICE, FIN

**Timeframe:**  
2020 - 2023

**Status:**  
On track

## Sustainable Development Goals in the Arctic: The Nexus Between Water, Energy, and Food (WEF)

**SAO Notes:** This project was endorsed at the SDWG plenary meeting in October 2020. It is included in the SDWG 2021-2023 work plan.

**Deliverables 2021:**

**Contact:**  
Sarah Cox sarah.cox@canada.ca

SDWG

**AC Leads:**  
NOR, CAN, USA,  
Saami Council

**Timeframe:**  
2020 - 2021

**Status:**  
Completed

## The Economy of the North 2020 (ECONOR IV)

**SAO Notes:**

**Deliverables 2021:**  
Final report

**Contact:**  
Iulie Aslaksen iulie.aslaksen@ssb.no

SDWG

**AC Leads:**  
CAN, FIN

**Timeframe:**  
2018 - 2020

**Status:**  
Completed

## Zero Arctic: Concepts for carbon neutral Arctic construction based on tradition

**SAO Notes:**

**Deliverables 2021:**  
Zero Arctic report

**Contact:**  
Eeva Huttunen Eeva.huttunen@gmail.com

**AC Leads:**

**Timeframe:**

**Status:**

-

**SAO Notes:**

**Deliverables 2021:**

**Contact:**