

PRACTICAL ACTIONS IN THE ARCTIC

ARCTIC CONTAMINANTS ACTION PROGRAM



The Arctic Council is established as a high-level forum to provide a means for promoting cooperation, coordination and interaction among the Arctic States, with the involvement of the Arctic indigenous communities and other Arctic inhabitants on common Arctic issues, in particular issues of **sustainable development and environmental protection** in the Arctic.

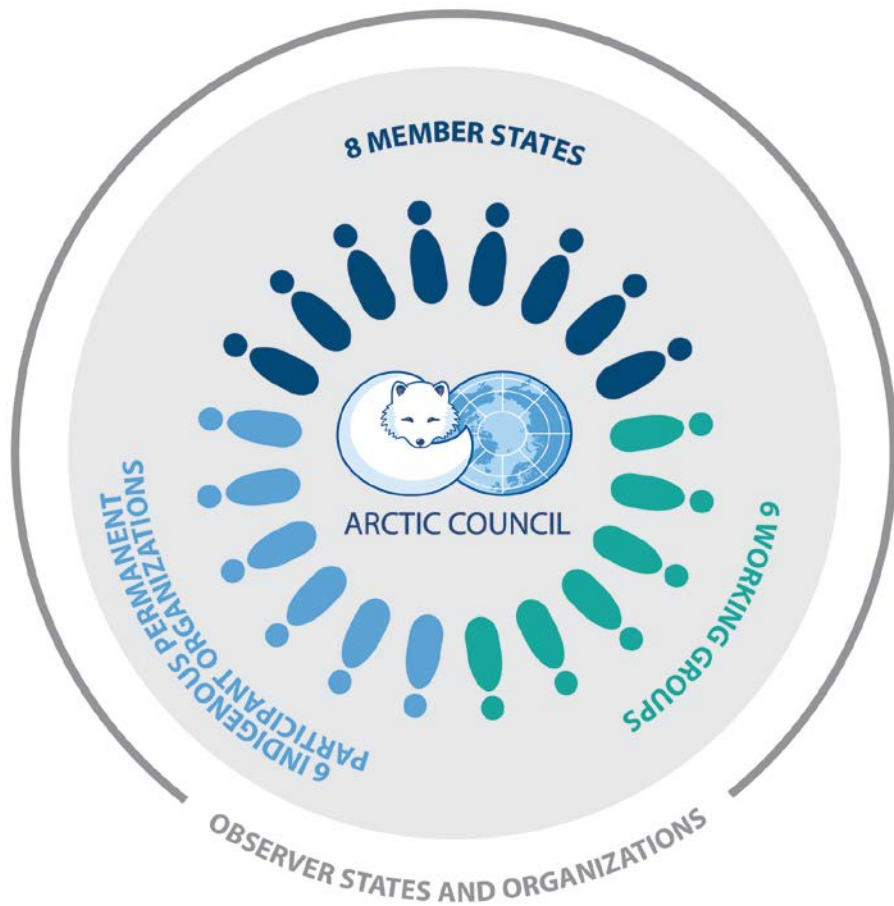
**The Arctic Council should not deal with matters related to military security*

Sustainable development



Environmental protection





2017-2019



2019-2021



ARCTIC CONTAMINANTS ACTION PROGRAM



ACAP'S mission is to contribute to the efforts to reduce environmental risks and prevent pollution of the Arctic environment. ACAP acts as a strengthening and supporting mechanism of the Arctic Council, encouraging national actions to reduce emissions and releases of pollutants and to reduce environmental, human health and socio-economic risks.

OVERVIEW

- ACAP is active in the area of black carbon and methane mitigation
- Completed black carbon emission inventory work in the Murmansk Region, Russia (2015), a useful contribution to AMAP, EGBCM, LRTAP and others <http://bit.ly/2cyc8WI>
- ACAP has 6 SLCP mitigation projects in the 2017-2019 Workplan
- EGBCM – looking forward to meaningful contribution to the 2019 report.

OVERVIEW

- Arctic Black Carbon Case Studies Platform
- Community Based Black Carbon and Public Health Assessment
- Arctic Green Shipping
- Phase out of ozone depleting substances and fluorinated greenhouse gases at fish and seafood processing enterprises of the Murmansk Oblast
- Valday Cluster Off-Grid Upgrade
- Mitigation of Black Carbon and Methane from APG Flaring in the Arctic Zone of the Russian Federation

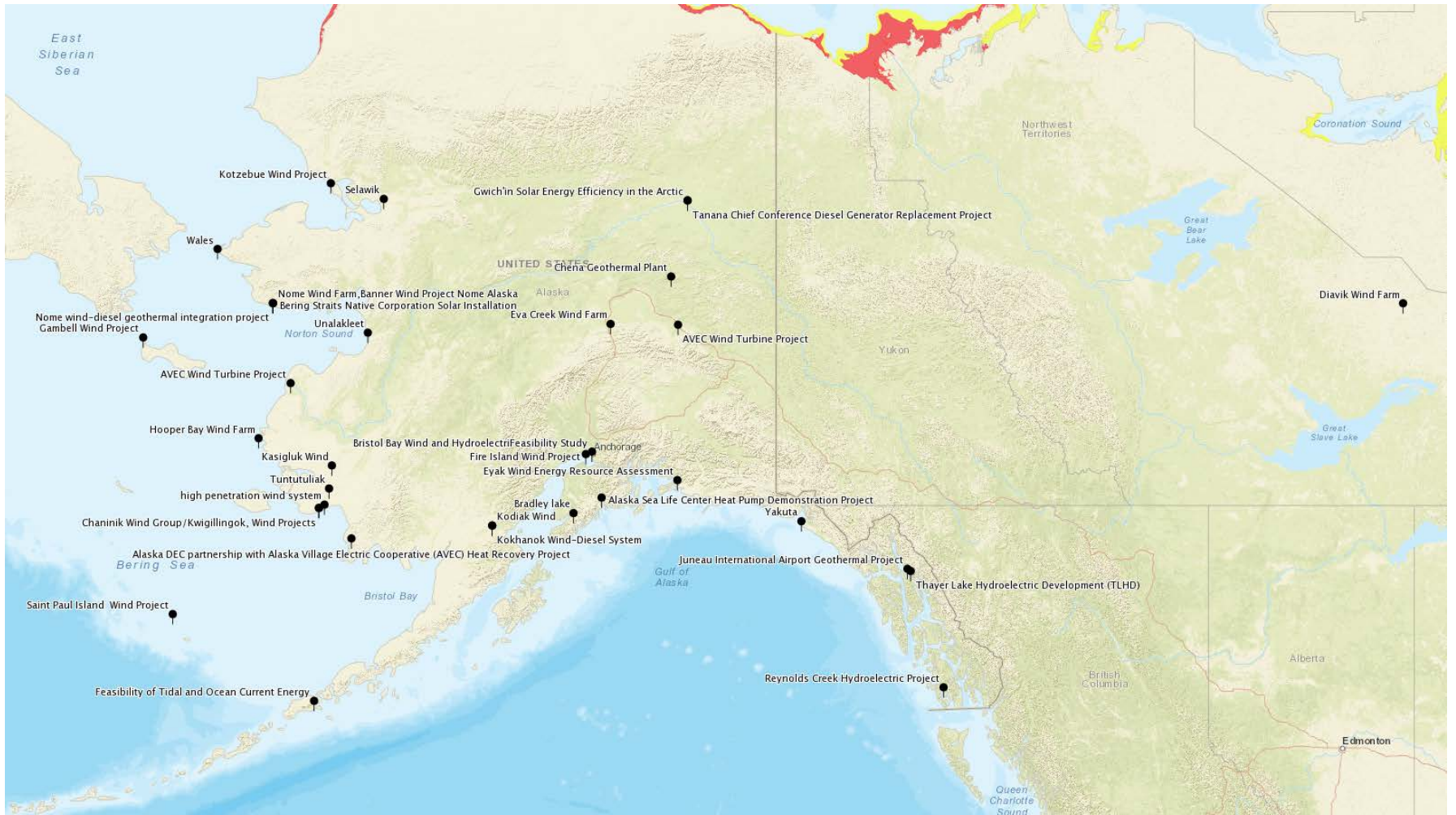


BLACK CARBON CASE STUDIES

SHOWCASING BEST PRACTICES

HIGHLIGHTS

- Hosted on the ACAP website
- Cases studies are a «one stop shop» for best practices and lessons learned from black carbon demonstration projects from across the Arctic region
- EPPR has provided support by mapping the case studies in Arctic ERMA
- More case studies are welcome from all Arctic States, PPs, observers and relevant stakeholders.



COMMUNITY BASED BLACK CARBON AND PUBLIC HEALTH ASSESSMENT

PILOT PROJECT

HIGHLIGHTS

- Remote and local sources
- Risks to public health
- Strengthen local capacity to mitigate and prevent BC pollution
- Education and outreach

ARCTIC GREEN SHIPPING

ON THE RIVERS OF THE RUSSIAN ARCTIC



HIGHLIGHTS

- Reduction of CO₂ and SLCP emissions from river shipping in northern Russia
- Decrease discharges of ballast water containing pollutants and potentially invasive species
- Best practices could be replicated in other regions of the Arctic

VALDAY CLUSTER OFF-GRID UPGRADE

FOR BLACK CARBON REDUCTION IN THE REPUBLIC OF KARELIA

HIGHLIGHTS

- Implementation of a range of off-grid energy alternatives for settlements in Karelia
- The projects objectives included:
 - mitigate releases of black carbon and other green house gases
 - decrease dependence on transported fossil fuels
 - reduce electricity and heating costs
 - increase the reliability and quality of electricity and heating supply
 - strengthen expertise of local institutions



MITIGATION OF BLACK CARBON AND METHANE FROM APG FLARING

IN THE ARCTIC ZONE OF THE RUSSIAN FEDERATION

HIGHLIGHTS

- Project could contribute to actions under the Paris Agreement
- Evaluation of APG emissions and impact on the Russian Arctic environment
- Evaluation and finding optimum levels of gas reinjection to reduce flaring
- Implementation of the project including outreach on lessons learned and best practices



THANK YOU

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