

All presentations from the Arctic Council's Senior Arctic Official's meeting in Stockholm, Sweden, March 28-29 2012.

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Arctic Council Secretariat

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Agenda Item 4.7: ACAP Update on SLCFs



Presentation to
the Senior Arctic Officials
March 29, 2012
Stockholm, Sweden

ACAP Activities to Date

- SAO agreed Terms of Reference for new ACAP Short Lived Climate Forcer Contaminants (SLCFC) PSG October 2010
- PSG held two meetings including, workshop in Moscow
 - Final report: www.russianarcticbc.org
- PSG efforts focused presently on black carbon
- Projects under consideration aim to:
 - Be circumpolar
 - Focus on replicable mitigation activities
 - Help fill data gaps to further SLCF TF and AMAP work

Active Participation in PSG

- PSG Members include:
 - Leadership:
 - USA Chair
 - Norway, Sweden and Russia Co-Chair
 - Members:
 - Denmark
 - Finland
 - Russia
 - Sweden
 - Norway
 - NEFCO
 - PPs
 - Other Participants to assist in project activities

Projects Under Development

- Black Carbon Reduction from Diesel Sources (US)
- Black Carbon Reduction from Residential Wood Stoves (NO)
- SLCF Trust Fund with NEFCO to address mitigation in Russian Federation (SE)
- “Quick Start” Projects: Black Carbon Reduction from Heat and Power Sectors (NEFCO)

Diesel Black Carbon Project

- Initiative by the US
- \$5 million USD committed by US towards the reduction of black carbon emissions in the Russian Arctic, part through Arctic Council
 - Diesel Project for \$2.5 million USD led by US EPA, PSI cooperation anticipated
- Elements of Diesel Project
 - Assessment/scoping
 - Emission inventory
 - Pilot /demonstration projects
 - Policy, financing and sustainability
- Additional US bilateral but complimentary projects:
 - **USDA/Forest Service:** forest fires & agricultural burning
 - **US Department of Energy:** residential and district heating and power stations/ link to Clean Energy Ministerial

Diesel Black Carbon Project

- Leveraging resources, best practices across the Arctic
 - US Alaskan experience;
 - Sweden: PM and BC emission inventory;
 - UNEP's BC Component of the Arctic Agenda 2020;
 - Arctic Council AMAP and Black Carbon Expert Group;
 - Climate and Clean Air Coalition
- Next Steps:
 - Finalizing funding arrangements to local partners/implementers
 - Identify NEFCO/PSI funding opportunities and complimentary projects
 - Developing criteria for pilot project selection
 - Form expert/project groups
 - Estimated ACAP WG approval in 2012

Black Carbon from Residential Wood Stoves

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- Initiative by Norway
 - The project will be divided into two phases
 - Phase 1 (2012-2013): Desk study to identify
 - Existing data from the Arctic countries on emission factors
 - AC country activity data
 - Relevant measures for emissions reduction
 - Estimated Budget: EUR 200 000.
 - Norway is prepared to cover a vast amount of this cost
 - Also seeking co-funding
 - Phase 2 (2013-2014)
 - Implementation of a demonstration project based on recommendations from Phase 1.
 - Phase Two of project expects to seek funding from PSI
- Canada, Denmark, Finland, Sweden and USA have all expressed interest in participating*

Residential Wood Stoves Next Steps

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- Identifying project partners, experts and observers
- Reviewing PSG comments
- Workshop planned in Oslo in 2012
- Presentation to ACAP for approval anticipated during the spring 2012

NEFCO Quick Start Projects and Trust Fund

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- **Sweden**
 - 1.6 million SEK available in SLCF Trust Fund with NEFCO
 - Resource allocations to be identified and considered, including through the PSG
- **NEFCO**
 - 12 million Euro to address SLCFs through energy efficiency and cleaner production projects in NW Russia
 - "Quick Start" projects expected to be implemented within the next 1-2 years

Concluding Remarks

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- Project development well underway
- Variety of emissions sources considered
- Applicability of projects across arctic anticipated
- Estimate mid-late 2012 for ACAP WG approval
- SAOs feedback on project concepts appreciated