

EU-funded Action
Arctic Black Carbon impacting Climate and
Air Pollution (ABC-iCAP)

TFTEI-Meeting 7 October 2022

Svante Bodin
International Cryosphere Climate Initiative



This project is funded by
the European Union



EU Interest in Reducing Arctic Black Carbon and Methane Emissions

- Action supports European Green Deal, Zero Pollution ambition and the revised (October 2021) EU Arctic Policy
- BC and methane emissions reductions remain a high priority under the Arctic Council and other regional and international forums such as UN LRTAP-Convention – Revised Gothenburg Protocol
- Increased UNFCCC attention to SLCPs other than methane



Follow-up to the EU-funded Action on Black Carbon in the Arctic (EUA-BCA; 2018-2021)

ABC-iCAP:

- will build on the extensive national, regional and international networks established with continued focus on Arctic Council, the UN ECE Air Convention (Convention on Long-range Transboundary Air Pollution) and extending collaboration with the Barents-Euro Arctic Council (BEAC)
- will build on initial stakeholder consultations and extending stakeholder engagement and expert analysis
- further share the knowledge established under EUA-BCA on gaps and priority areas to fill gaps including **monitoring, emissions reporting, options for reduction strategies, guidance documents and best available practices**
- **extend knowledge to improve BC emissions estimates from wildfires and open burning, particularly in non-EU Arctic countries (e.g., USA and Canada)**



Arctic Black Carbon impacting Climate and Air Pollution (ABC-iCAP)



- **Funding:** EU Partnership Instrument; ca. 820,000 EUR over 2 years (2022 - 2023)
- **Main Objective:** Contribute to reducing black carbon and methane from specific source sectors impacting the Arctic by promoting national, regional and international **collaboration to build and share relevant knowledge, raise awareness and perform expert analysis with strategic partners** and stakeholders to the EU (Canada, USA, non-EU Arctic countries) as well as through cooperation with relevant international organisations such as the Arctic Council, the UN ECE Air Convention, BEAC, CCAC, OECD, UNFCCC/IPCC, World Bank (GGFR) and IMO



ABC-iCAP Funded Partners and Regional Scope

Lead Beneficiary:

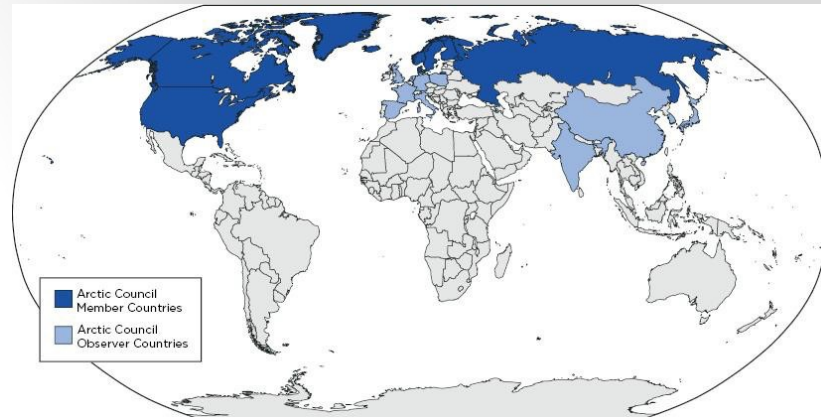
- **AMAP Secretariat (AMAP-SEC)**

Co-Beneficiaries:

- **Finnish Environment Institute (SYKE)**
- **Swedish Environmental Research Institute (IVL)**

Financially Supported Partners:

- **Carbon Limits**
- **Environment Agency Austria (EAA)**
- **FMI**
- **ICCI-Europe**
- **IIASA**
- **INPA**
- **NILU**
- **NIPH**



ABC-iCAP Implementation Plan

5 Work Packages

- **WP1 – Increase dialogue with Non-EU Arctic Countries (Russian engagement suspended) stakeholders on BC and methane emissions and reduction measures through raising awareness and sharing knowledge and expertise (building on EUA-BCA stakeholder engagement)**
- **WP2 – Develop Russian BC monitoring systems – ON HOLD**
- **WP3 – Continue engagement with Canada, enhance dialogue with US stakeholders**
- **WP4 – Increase Awareness, Knowledge Sharing and Outreach in Cooperation with International and Regional groups (e.g., Arctic Council, UNECE Air Convention, BEAC, IMO, CCAC, OECD)**
- **WP5 – Further address other SLCPs (methane) and air pollutants**



This project is funded by
the European Union



WP2: Location of Arctic Sites with BC measurements



ABC-iCAP Collaboration with UNECE Air Convention

- Aligning EU Action's work with Air Convention's agenda
- Input to WGSR process/EMEP/Task Forces
- Communications and Outreach - **develop** in concert with UNECE Air Convention communications plans / needs
- Other practical steps? Suggestions?



Socio-Economic Analysis of BC and Methane Emissions and Mitigation Actions Related to the Arctic (IVL Lead)



This project is funded by the European Union



Arctic Wildfires

- **Deliverable:** Improved BC emissions estimates and projections from Arctic wildfires/open burning.
- **2nd ABC- iCAP Webinar on Arctic and Boreal Wildfires**
27 October 2022 at 1600 CEST
(Registration at ABC-iCAP website)



ABC-iCAP Webinar

Summer 2022 Arctic Fire Season

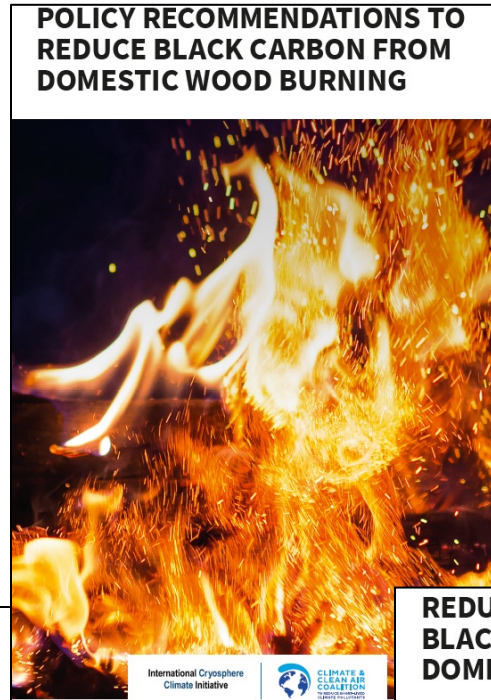
10 May 2022 13:30 UTC


This project is funded by
the European Union


SYKE
Finnish Environment Institute


ABC iCAP
Arctic Black Carbon

4 reports on Wood Burning and Black Carbon by ICCI



Available at
www.iccinet.org

Thank You!

Website:

<https://abc-icap.amap.no/>

<http://iccinet.org>



This project is funded by
the European Union