



**Welcome to**

## **NORTHERN DIMENSION FUTURE FORUM ON ENVIRONMENT:**

### **BLACK CARBON AND CLIMATE CHANGE IN THE EUROPEAN ARCTIC**

**DATE: Monday 19 November 2018, at 13:00 – 17:00**

**VENUE: Thon Hotel EU, Rue de la Loi 75, 1040 Brussels, Belgium**

Temperatures in the Arctic are rising clearly faster than the global average temperatures. Thus, also black carbon, that may cause some 20-25% of the warming in the Arctic, has received special attention by the Arctic Council and the Northern Dimension Environmental Partnership. In addition to its global warming impacts, black carbon is detrimental to human and ecosystem health. Important sources of black carbon include transport, residential burning of coal and biomass, oil and gas flaring, and open burning of biomass.

Because black carbon remains in the atmosphere only for days or weeks, emission reductions produce positive results fast. Furthermore, many technological solutions to curb emissions already exist. In addition to the activities of the Arctic Council, there are also other international and regional initiatives aiming at reducing black carbon emissions such as the Climate and Clean Air Coalition and the World Bank's Zero Routine Flaring by 2030.

This event brings together researchers, businesses and policy makers to discuss how countries and actors in the European Arctic are tackling this common challenge and what they could do more.

#### **PROGRAMME**

**12:00 Registration and buffet lunch**

**13:00 Welcoming words**

*Ms. Riitta Kosonen*, Director, Center for Markets in Transition, Aalto University; Program Director, Strategic Research Programs on Security and Urbanizing Society, Academy of Finland

*Mr. Alistair Clark*, Managing Director, Environment & Sustainability, EBRD, Northern Dimension Environmental Partnership

**13:15 Keynote speech (tbc.)**

**13:30 - Knowledge Arena 1: Developing Policy Arenas for Action**

***Arctic Council actions in reducing black carbon.*** Mr. Mikael Hildén, Professor, Director, Climate Change Program, Finnish Environment Institute; Program Director, Strategic Research Program on A Climate-Neutral and Resource-Scarce Finland, Academy of Finland

***The Legal dimension of reducing black carbon emissions,*** Ms. Seita Romppanen, Senior Lecturer in International Environmental Law CCEEL, UEF Law School University of Eastern Finland

***The EU Black carbon initiative,*** Mr. Russel Shearer, Project Manager, Arctic Monitoring and Assessment Programme (AMAP), Arctic Council

***The Economics of air pollution control,*** Mr. Shardul Agrawala, Head of the Environment and Economy Integration Division, OECD

**14:15 - 15:00 Discussion and comments from decision-makers: Developing, implementing and justifying policies curbing black carbon emissions.**

**15:00 - 15:30 Coffee**

**15:30 - Knowledge Arena 2: Actions in Practice**

***How to reduce black carbon emissions in Russia's oil and gas industry?*** Mr. Veli-Pekka Tynkkynen, Associate Professor, Aleksanteri Institute, University of Helsinki; Strategic Research Program on Security, Academy of Finland

***Practical actions throughout the Arctic,*** Ms. Patti Bruns, Executive Secretary for the Working Groups of Arctic Contaminant Action Program (ACAP ) and Emergency Prevention Preparedness and Response (EPPR), Arctic Council

***Emission reductions in shipping,*** Ms. Soffia Gudmundsdottir, Executive Secretary, PAME, Arctic Council

***Promotion of biomass to replace coal and oil at local heating plants for cutting BC emissions in NW Russia,*** Mr. Jaakko Henttonen, Special Adviser on the Arctic Environment for the MFA of Finland

**16:20 - 17:00 Discussion and comments from decision-makers: How to scale up and replicate actions reducing black carbon emissions?**

**17:00 Concluding remarks**

**Reception**

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