

Joint Nordic Screening Group

a short presentation

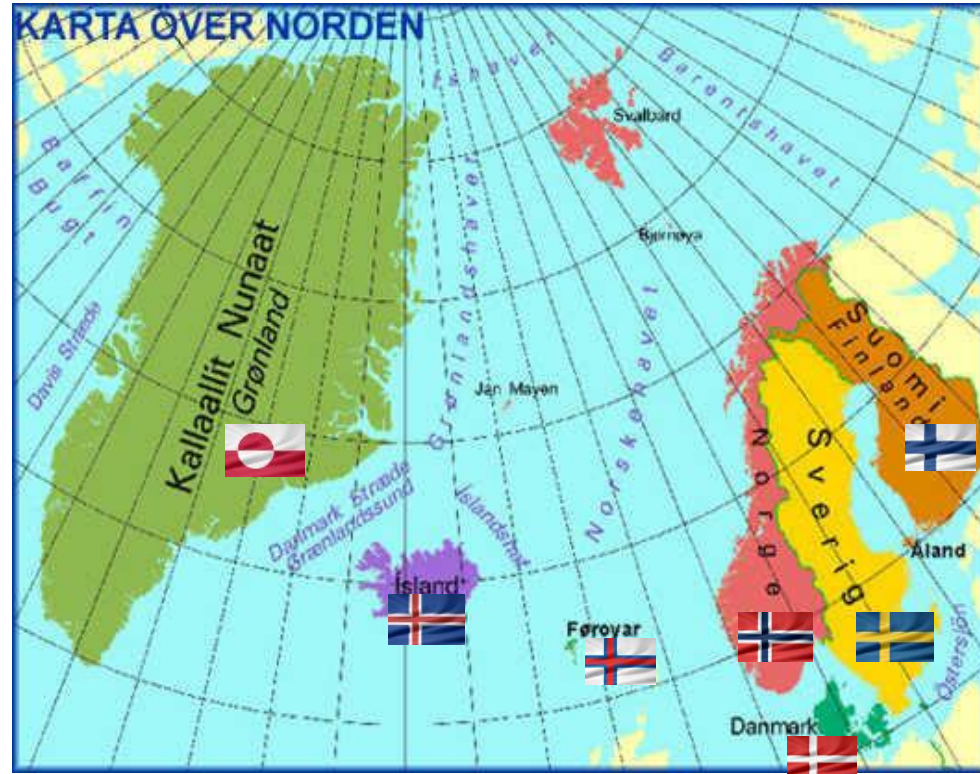
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The Nordic Screening group

- Successful cooperation since 2001
- Joint screening studies: Focus on
 - little known anthropogenic substances used in high volumes *or*
 - persistent and hazardous to humans and wildlife
- Sharing knowledge via seminars
- Collecting knowledge via literature studies
- Supported by the Nordic Council of Ministers via the Nordic Chemicals Group and the HAV Group



The group has representatives responsible for or otherwise closely involved in environmental monitoring in each Nordic Country /self governing areas.



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What do we mean by Screening?

- Screening = To obtain a snapshot of the occurrence of potentially hazardous substances in the environment.
- Screening is the first necessary step in assessing whether a substance may pose environmental threat and should be put on track for regulation.
- If screening reveals a substances are found in significant amount, then it may warrant further investigation/monitoring.



Benefits of a coordinated approach

- Samples from all countries included in one study.
- Coordinated sampling and analytical methods
- Analyses of samples in the same laboratory or a few co-operating laboratories:
 - Inter-laboratory uncertainty is controlled
 - High comparability
 - Cost effective
 - Competence building



Screening studies organized by the Nordic Screening Group

Year	Substances chosen for screening	Report
2017	Poly- and perfluorinated compounds incl EOF	Report in draft
2016	Suspect screening in Nordic countries - Point sources in city areas	TemaNord 2017:561
2014	Surfactants (Quarternary ammonium compounds)	TemaNord 2014:556
2013	Pharmaceuticals and additives in personal care products	TemaNord 2013:541
2012	Plasticisers and sweeteners	TemaNord 2013:505
2011	New Brominated flame retardants	TemaNord 2011:528
2006	Phenolic substances	TemaNord 2008:530
2005	Bronopol, Resorcinol, Triclosan, m-Cresol	TemaNord 2007:585
2004	Siloxanes	TemaNord 2005:593
2003	Perfluorinated alkylated substances	TemaNord 2004:552



Seminars organized by the Nordic Screening Group

October 11-12, 2016

Seminar on Screening of Emerging environmental pollutants with special emphasis on Arctic

April 8-9, 2014

Seminar on Non-target screening

May 7-8, 2012

Seminar on Environmental Contaminants - "Today's chemical solutions - problems of tomorrow?"

October 11-12, 2010

Nordic seminar on environmental screening

November 5-6, 2008

Workshop on Pharmaceuticals and Personal Care Products (PPCPs) in the Nordic Environment

September 24-25, 2007

Workshop on environmental screening and risk assessment

June 6-8, 2001

Workshop on Monitoring the Environmental Fate of Chemicals

Seminar on Screening of Emerging environmental pollutants with special emphasis on Arctic



Seminar “CityLeaks” October 8-9th 2018 in Malmö

Part I Monitoring pollutants from urban
environment

Part II Sources

Part III Microplastics

Part IV Management



Coming up: 2019 screening on Contaminants of Emerging Arctic Concern

Substances to be analysed will be
selected on basis of

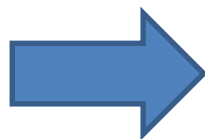


**AMAP Assessment 2016:
Chemicals of Emerging
Arctic Concern**

Cont. the 2019 Joint Nordic Screening CEAC:



Substances selection
refined with literature
review, mainly the study
of the Norwegian
Environment Agency



ENVIRONMENTAL
MONITORING

M-1080|2018

Screening Programme 2017

AMAP Assessment compounds



Cont. the 2019 the Joint Nordic Screening

Screening of PFASs and extractable organic fluorine in Nordic countries

DRAFT 2018-09-03

and of course other sources, like:

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Work-plan of the 2019 screening

timeline

AMAP wide? Consortium established *January 2019*

Funding secured *January 2019*

Steering group facetoface meeting *Feb/Mar 2019*
(probably in Nuuk, Greenland)

Substances to be analysed selected *March 2019*

Invitation to tender *March 2019*

Laboratory selected *May 2019*

Sampling guideline and containers distributed *May/June 2019*

Sampling in field (in freezers) *June- October 2019*

Analyses *October- primo 2020*

Reporting of results in 2020

