

AMAP mandate, operation and ongoing work

Joint PAME/AMAP meeting
17th September 2014.

Morten S. Olsen
AMAP Chair,



AEPS mandate (AEPS 1991)

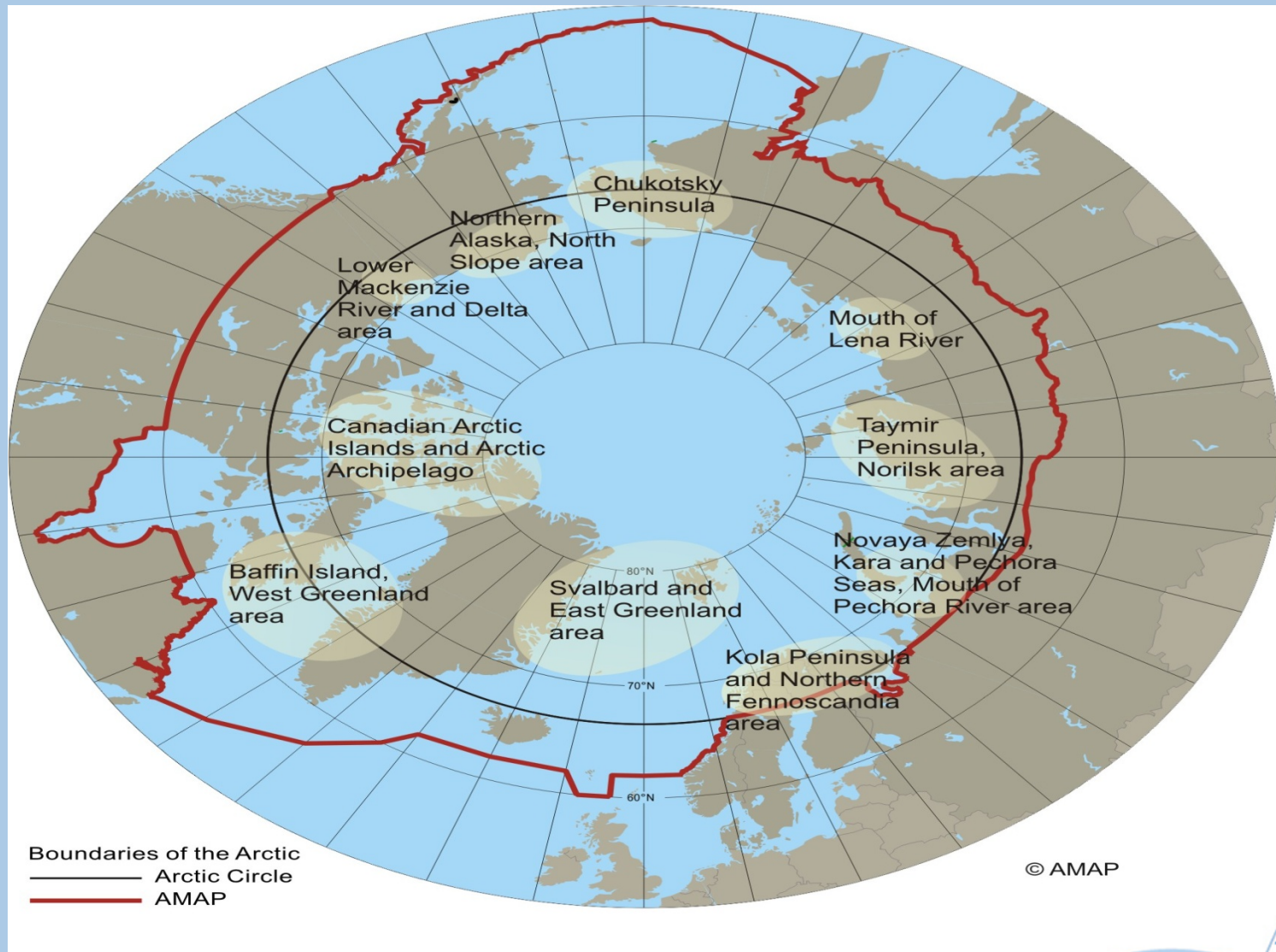
- “The primary objectives of AMAP is the **measurement** of the levels of **anthropogenic pollutants** and the **assessment** of their **effects** in relevant component part of the Arctic environment. The assessments should be presented in status **reports** to relevant fora as a basis for necessary **steps to be taken to reduce the pollution.**”



What (AEPS)

- integrated **assessment reports on status and trends** in the condition of Arctic ecosystems;
- identifying **possible causes** for changing conditions;
- detecting **emerging problems, their possible causes**, and the potential risk to Arctic ecosystems including indigenous peoples and other Arctic residents, and
- **recommending actions** required to reduce risks to Arctic ecosystems.

AMAP's geographical coverage

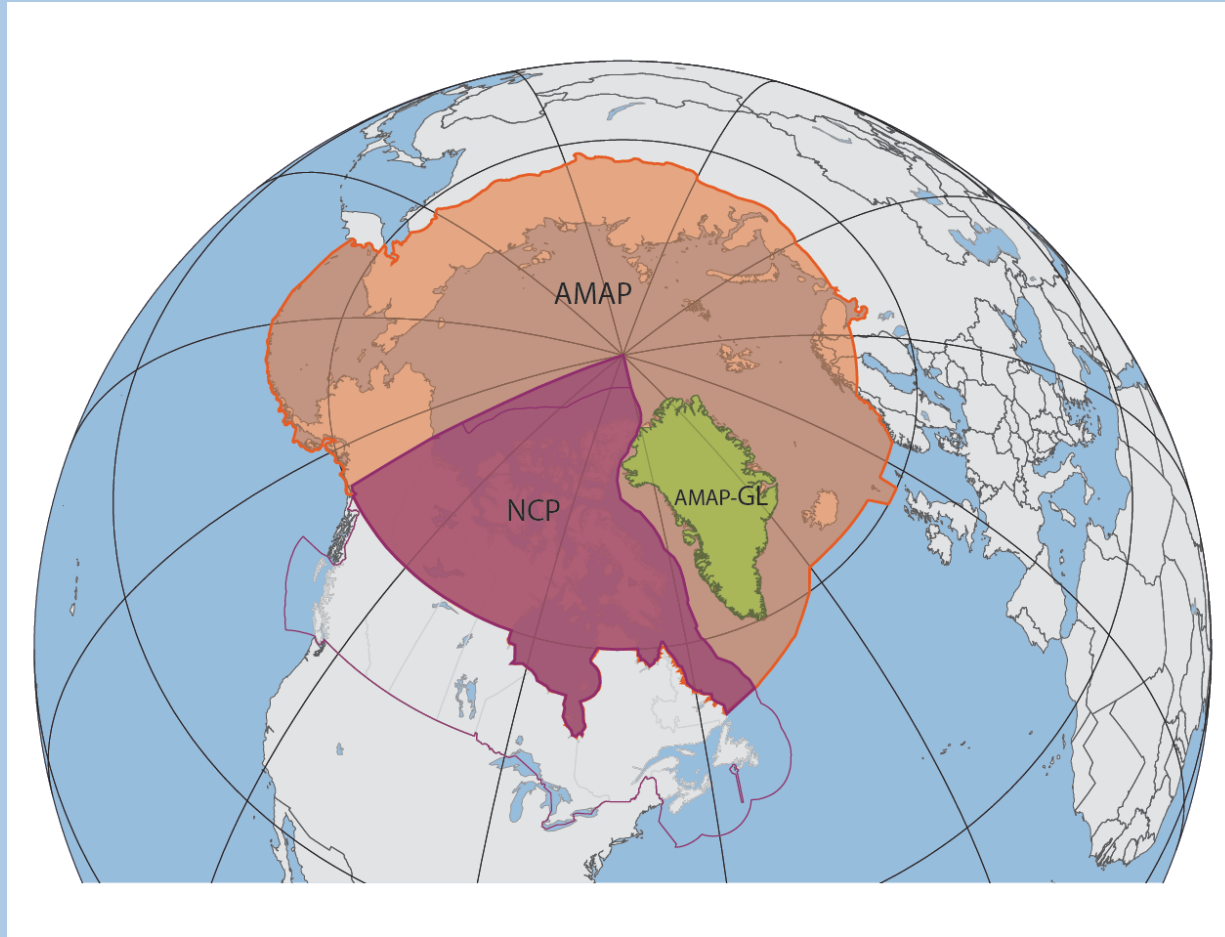


How ?

- Trends and effects monitoring
- Modelling and other supporting activities
- Assessments
- Science based policy relevant recommendations



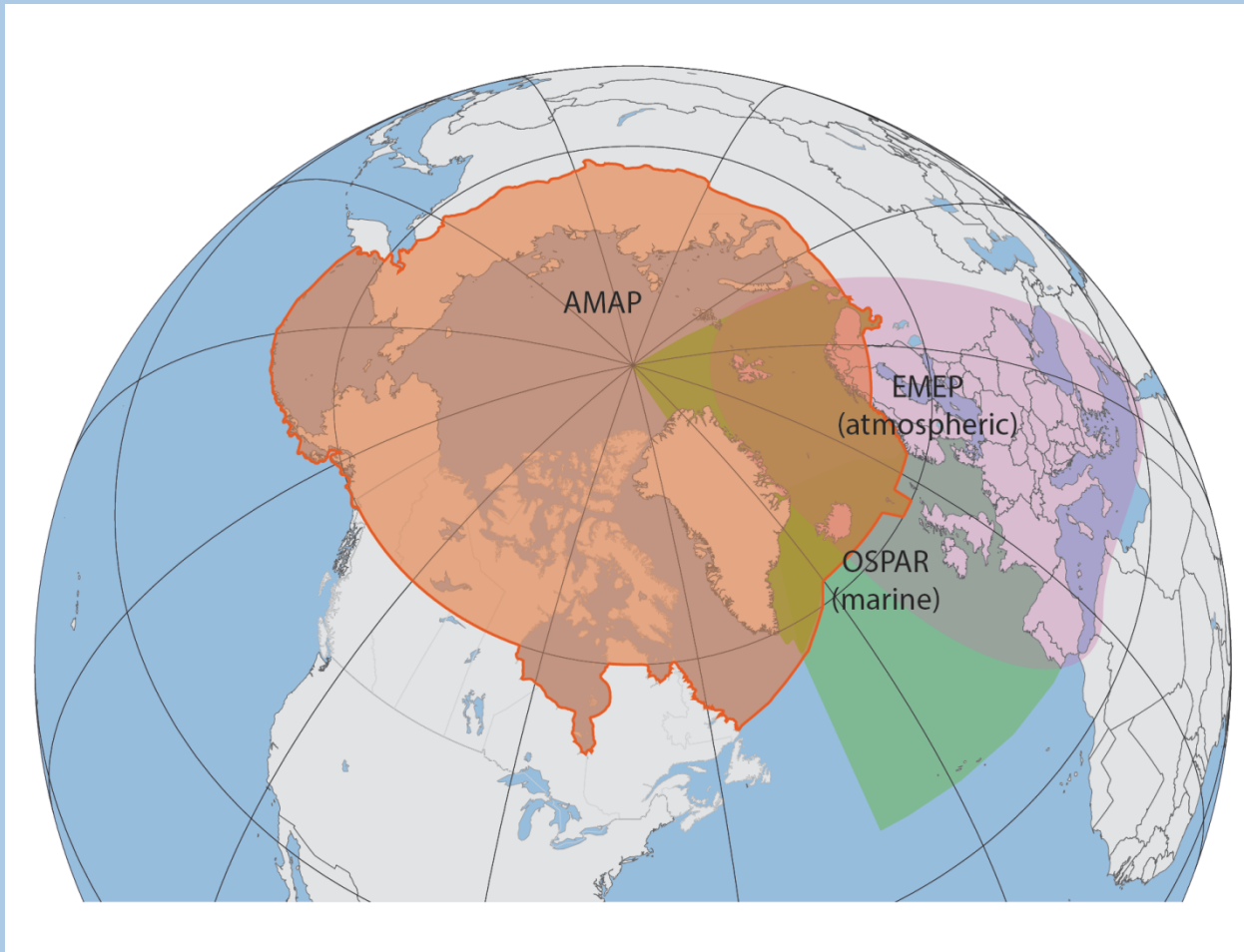
AMAP – National implementation



Based on national activities; Harmonization where ne



Regional cooperation

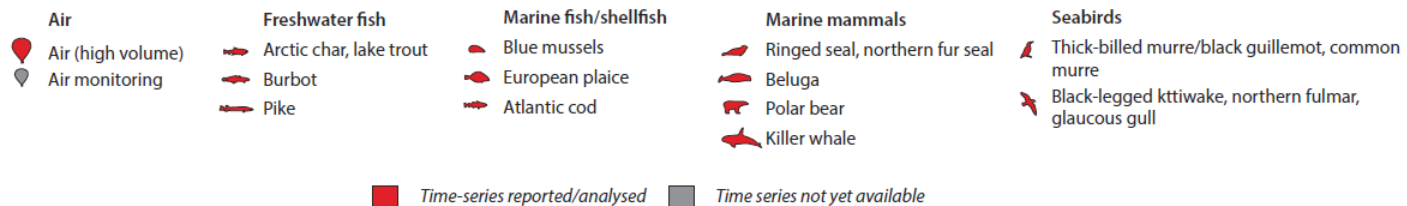
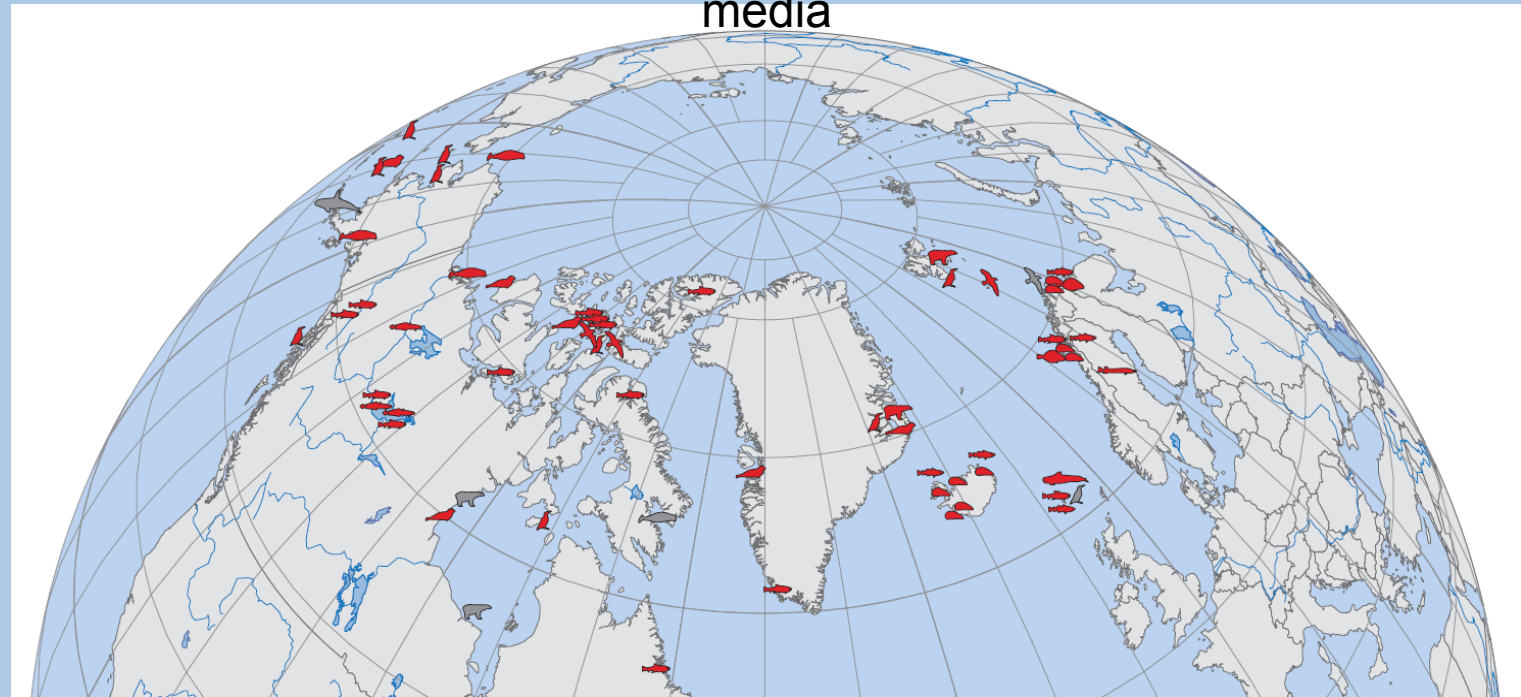


Data management and inter-programme cooperation/ha
QA/QC; Shared sites

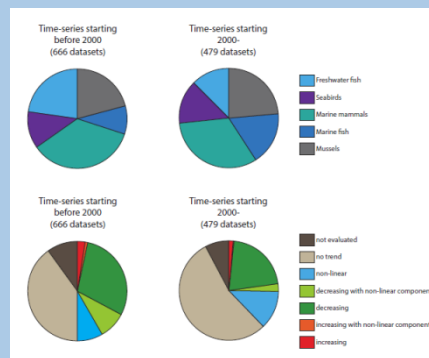


AMAP (temporal trend) Monitoring

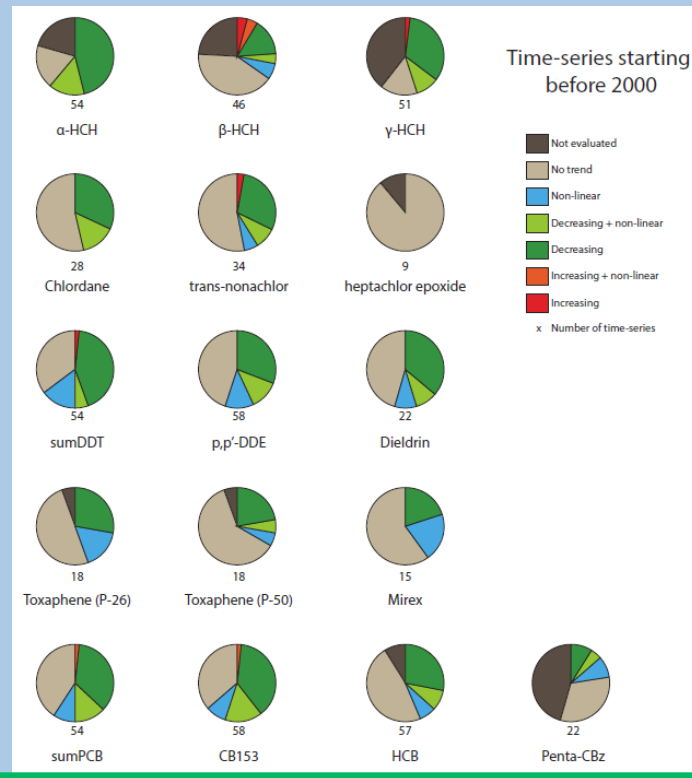
Air / Human bio-monitoring (human blood and breast-milk / Other media)



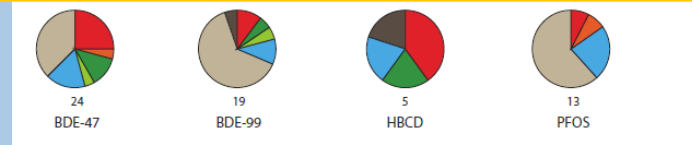
Biota time trends



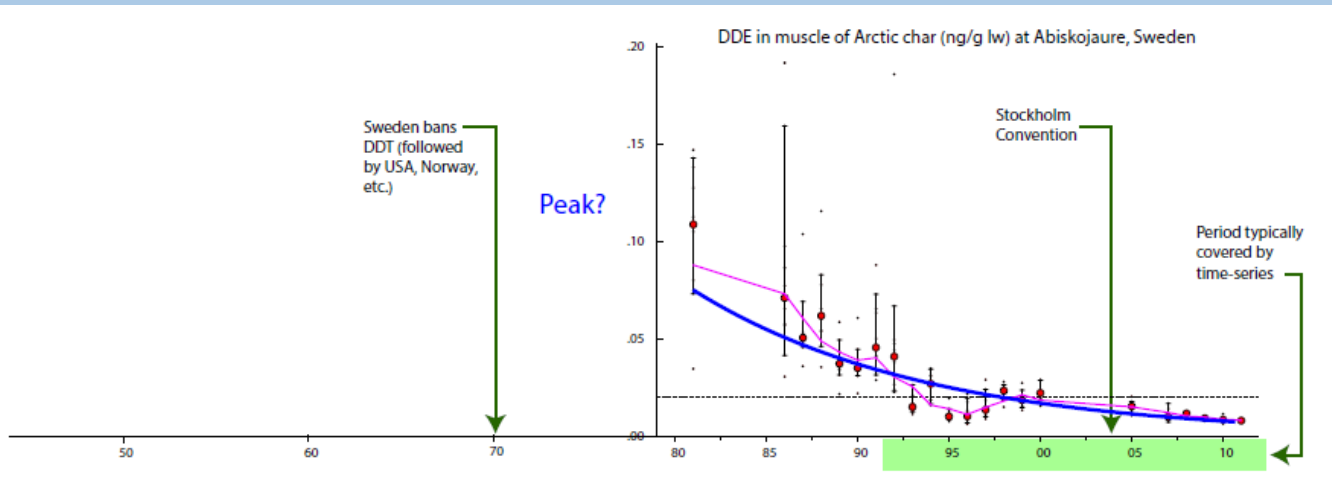
Legacy POPs



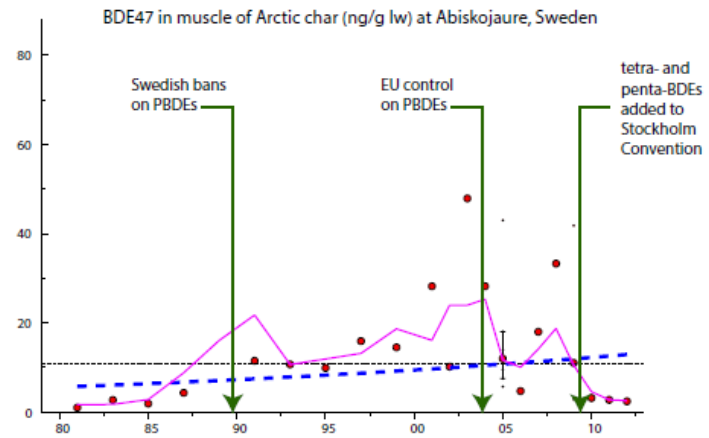
Recently added



Trends – take time

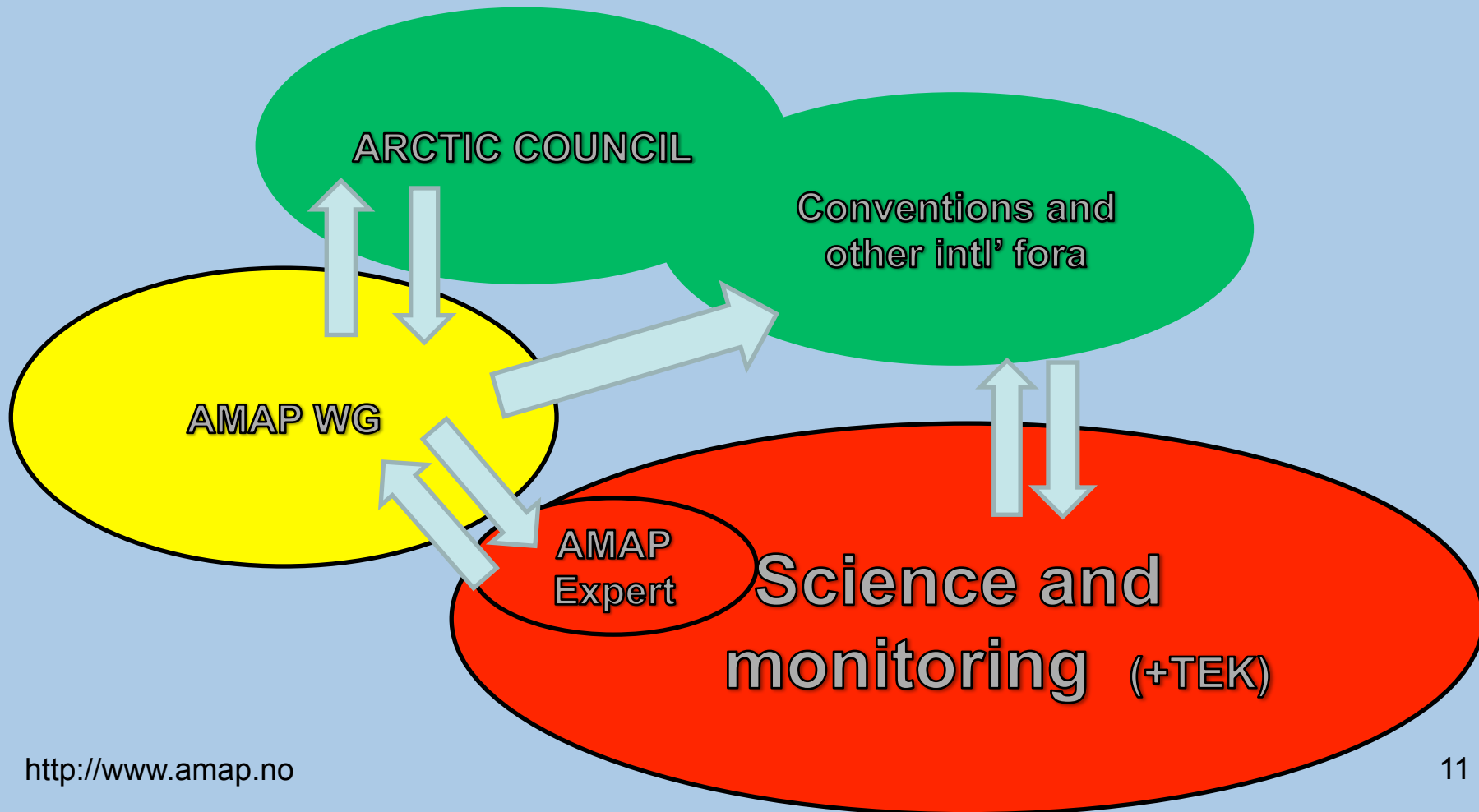


Historical usage of DDT in agriculture and disease control



Historical usage of PBDEs

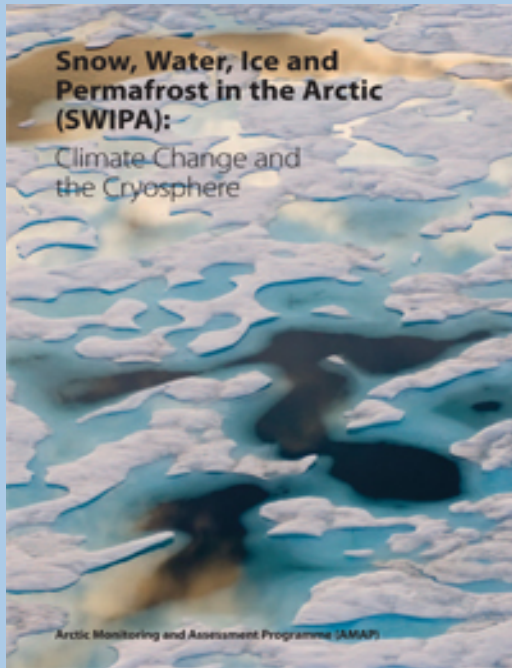
Who does what ?



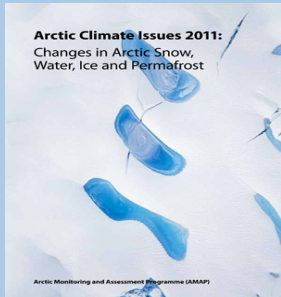
AMAP products

Science assessment report

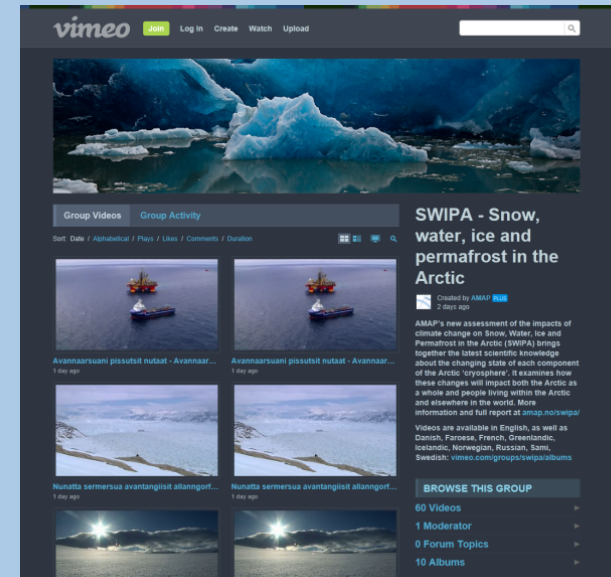
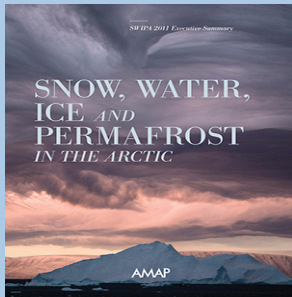
- Made by scientists
- independent scientific peer review
- Scientific peer review
- Presented at science conferences
- Documentation of grey literature, TEK and LK



Robust spin-off products



- Laymans report
- Summary for policy makers
- Layman summaries
- Films
- Social media



<http://www.amap.no>



What is next ?

- Update on POPs
- Update on human health
- Update on radioactivity
- Update on BC and methane
- How to employ UAS in monitoring and research
- Update on ocean acidification
- Adaptation Actions for a Changing Arctic (AACCA)
(update of SWIPA)



Thank you!!!

