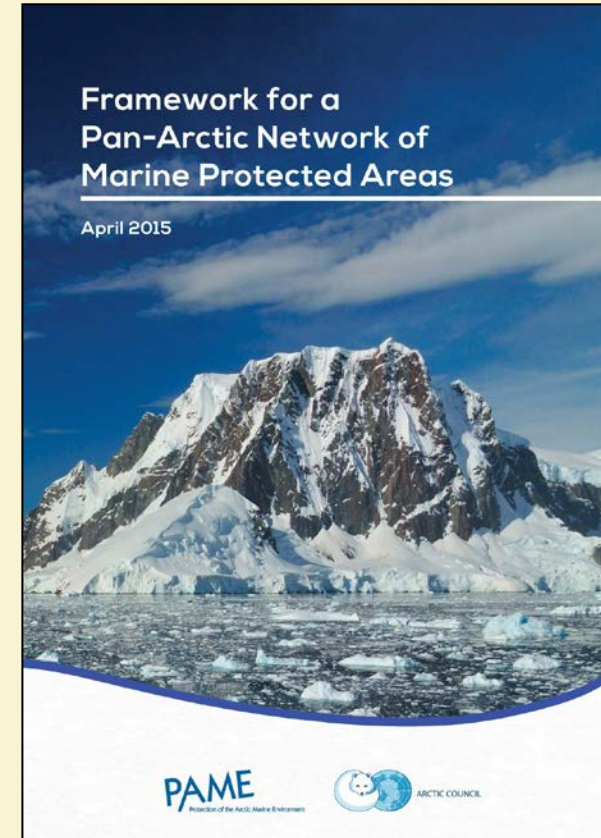# What are the MPA Toolkit products?

- Catalogue of important categories of Arctic biodiversity

- Catalogue of MPAs and other area-based measures used to protect Arctic biodiversity

- Report on tools and lessons
  - from biodiversity table and analysis of MPAs / other area-based measures
  - From "Science and Tools for Developing Arctic MPA Networks" workshop

Guidance for developing MPA networks in the Arctic

Key question:

- How can we formulate /present guidance for linking important categories of biodiverisity with options of area-based measures available for their effective and long-term protection?

Framework for a
Pan-Arctic Network of
Marine Protected Areas

April 2015

PAME
Protection of the Arctic Marine Environment   ARCTIC COUNCIL

Some key characteristics of the "other area-based measures"

A. Measures that are dynamic in time
B. Measures that are dynamic in space
C. Measures with primary objective of targeting specific elements of biodiversity
D. Measures aimed at the local mitigation or elimination of a pressure/threat from a specific human activity
E. Measures that mitigate or eliminate known vulnerabilities to human activities for valued biodiversity elements that are incompletely mapped, and/or where the geography of the activity is not constrained, dynamic, or potentially changing
F. Measures that secure, strengthen, or restore the integrity of marine and coastal seascapes/ landscapes to supply ecosystem services of value

Strengths, Weaknesses, and Opportunities Analysis of "other' place-based measures"

- Does the measure protect a place/ecosystem, or does is target a specific biodiversity element?

- Is the measure flexible and dynamic in relation to the spatial range it covers, i.e. can its boundaries be moved if the element being protected moves?

- Is the measure flexible and dynamic in relation to time, i.e. can it be 'switched on and off' depending on the condition or presence of what is being protected?

- Is the measure limited to regulating certain human activities or human-induced impacts, but not all activities potentially having an impact on that which is being protected?

- Is the measure specific to one set of circumstances (e.g. country's legislation, target of measure)?

- Is it/could it be a potentially useful tool in supplementing traditional MPAs (IUCN categories I – VI) in the Arctic?

- Is it/could it be a potentially useful tool in strengthening the current portfolio of area-based measures that contribute to the Arctic MPA network? If so, how?

Seeking discussion and advice...

- Measures table analysis:
  - Are the currently presented "list of characteristic" "and Strength/Weakness Analysis" useful? Are there other seful way to analyze the measures?

- Developing guidance
  - What would be useful formats for mapping important biodiversity elements with options of measures (project deliverable)
  - What are utilities /opportunities of other measures for achieving a more effective network
    - For representativeness, replication, connectivity, ecosystem processes
    - For supporting ecosystem adaptation, species range shifts, etc.
    - For sustainable use areas including indigenous peoples managed areas
    - What types of measures would be useful that don't' exist to date?