

JOINT Ecosystem Approach (EA) Expert Group

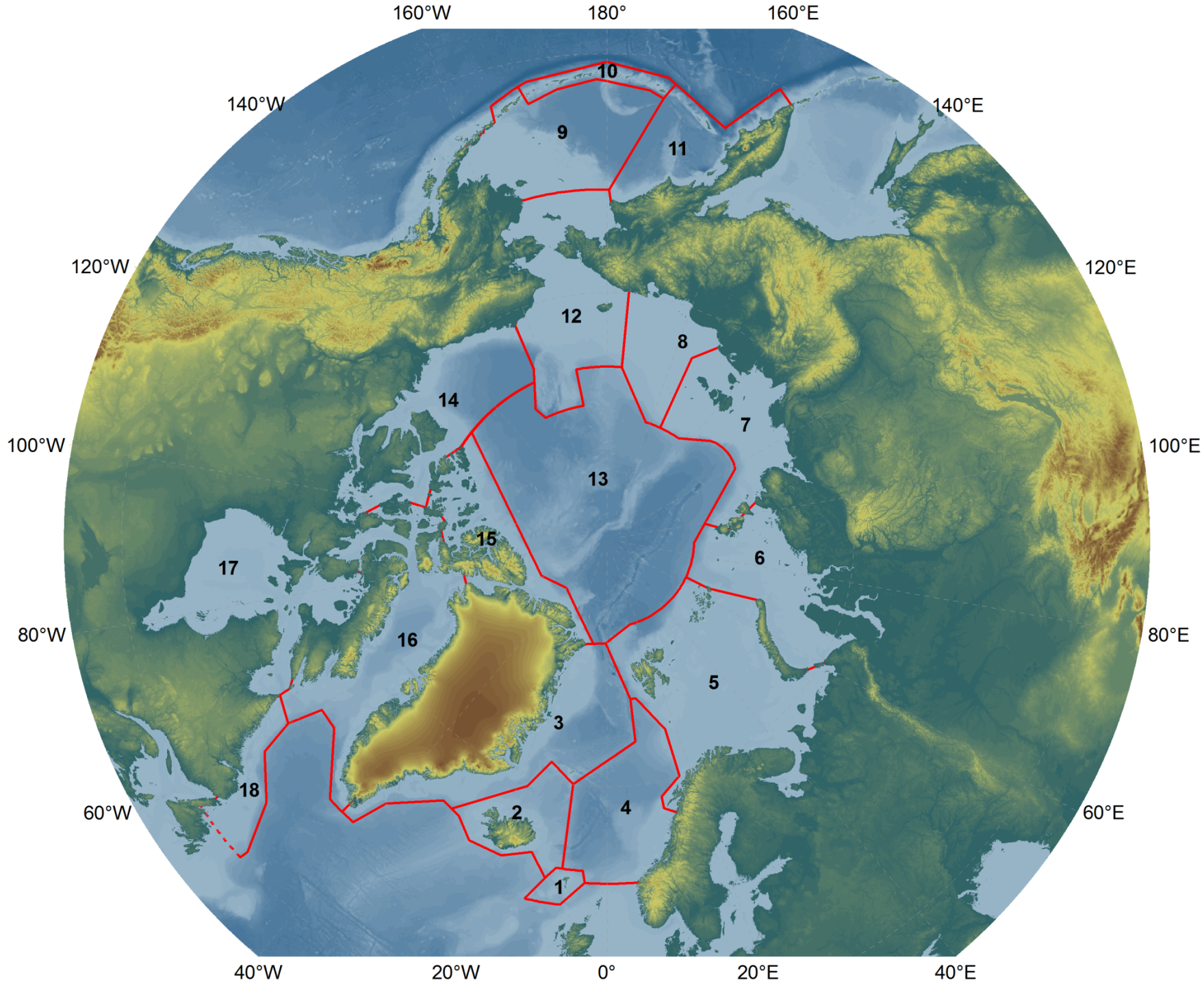
Joint AMAP/PAME session

17 September 2014

Whitehorse, Yukon, Canada

Brief history

- 2002 Johannesburg – EA by 2010
- 2004 - Arctic Marine Strategic Plan
- 2006 – Arctic LME working map
- 2007 – EA-EG led by USA, Norway joined 2009
- 2013 – Arctic LME map revised, 18 LMEs
- 2011 – EA concept paper



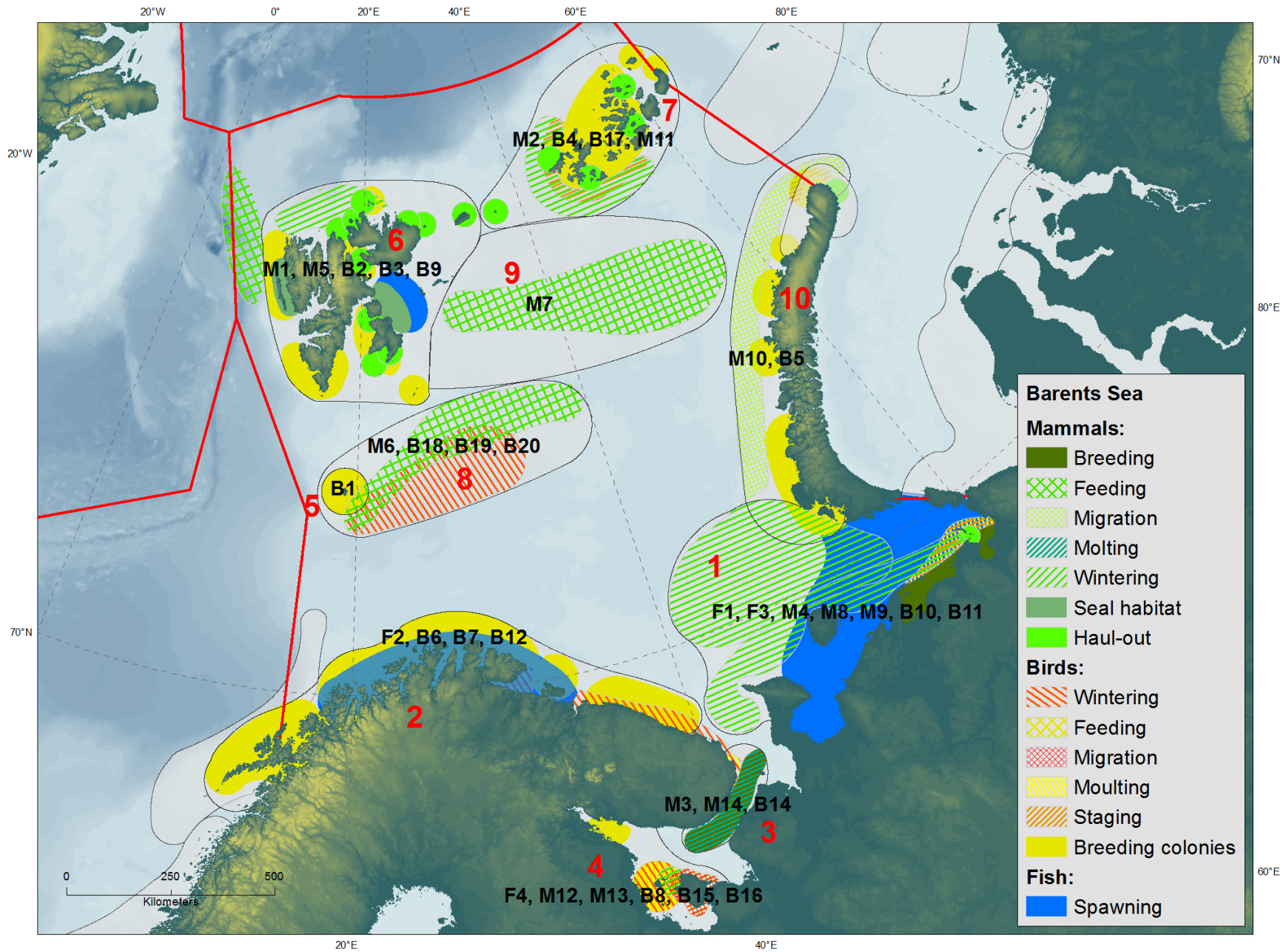
Four EA workshops

- 1st – Tromsø, Norway , January 2011
 - LME boundaries
- 2nd – Stockholm, Sweden, March 2012
 - EA concept, scale issues, role of IEA
- 3rd – Reykjavik, Iceland, June 2013
 - Data issues
- 4th – Vancouver, Canada, June 2014
 - IEA – two cases: Beaufort and Barents

EA framework

- Define the ecosystem
- Describe the ecosystem
- Set ecological objectives
- Assess the ecosystem
- Value the ecosystem
- Manage human activities

BEST AVAILABLE SCIENTIFIC INFORMATION!!

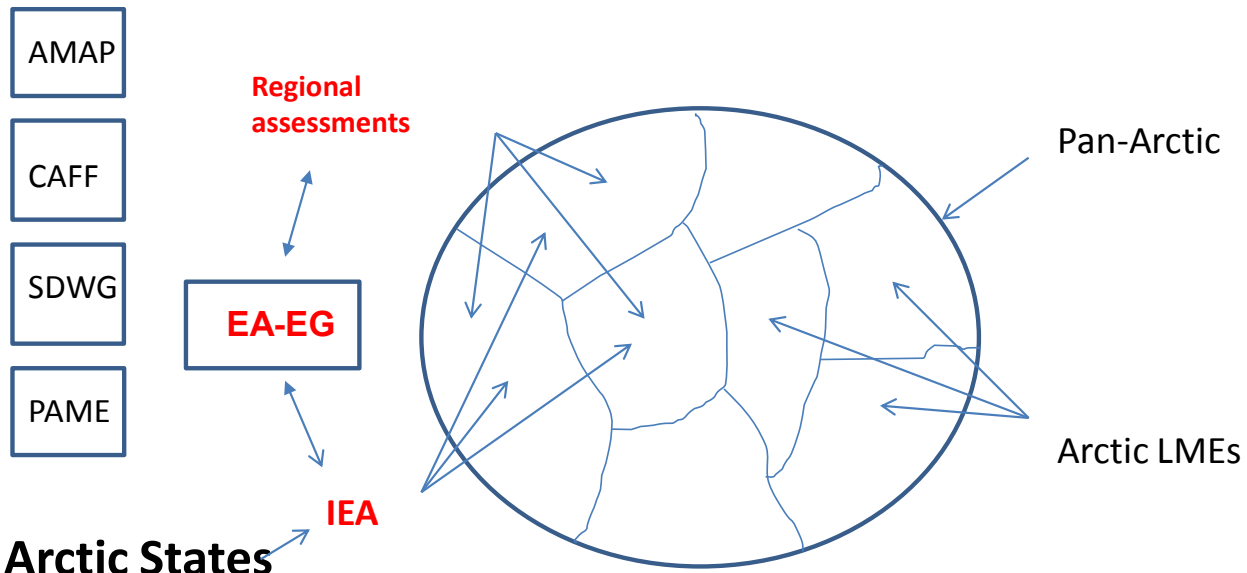


Integrated Ecosystem Assessment

- Assessment is both process and product
- **Integrated** vs. **thematic** or **sectoral** (e.g. eutrophication, shipping, etc.)
- All shades of grey – from thematic via partially to **fully integrated** (including socioeconomics)
- IEA builds on and includes thematic/sectoral assessments
- **Dual strategy** – follow each pressure into ecosystem, and assess conditions of ecosystem components

EA "Road map"

Arctic Council



Terms of Reference for EA-EG

- Background
- Tasks according to the 6 EA elements; main focus on
 - Ecological objectives
 - Integrated Ecosystem Assessment (IEA)
 - Valuation
- Tentative list of work plan items
- Basis for Work Plan 2015-2017
- JOINT Group – Active involvement of WGs