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# European Ice Service EIS

Presented at Polar View meeting, Brussels, Jan 2011  
Helge Tangen, EIS Board Member



# EIS-European Ice Services

- In November 2007, the EIS MoU was signed on Director-General level by

FIMR >now FMI

DMI

met.no

- In May 2008, the MoU was also signed by

SMHI





# Background



- The partners are the national ice services of governmental organisations responsible for operational ice services of their countries
- Together the partners cover the Arctic and the Baltic Seas



# Organisation and management





# Chair and Board

- EIS chairmanship history
  - Chair 2007-2009: Helge Tangen (met.no)
  - Chair 2009-2011: Ari Seina (FMI)
- Board:
  - DMI: Leif Toudal Pedersen, Keld Quistgaard, Erik Buch
  - FMI: Ari Seina
  - met.no: Helge Tangen
  - SMHI: Anette Jönsson



# Strategy

It is the strategy of EIS to cooperate on and harmonize:

- Production of daily analysis of sea ice parameters in order to improve operational ice monitoring and forecasting;
- Introducing new services complementing traditional ice services tailored to meet user requirements in their operations;
- Validation + user-friendly info system



## Activities, examples

- Letter to ESA to announce the EIS existence - positive feedback
- Input to EU's Arctic communicate -launched november 2009
- On the review team for Sentinel Ground Segment - representing IICWG
- Presentation at EU Workshop Stockholm: **Space and the Arctic**



# Scope of co-operation

- The scope of co-operative activities extends to areas such as
  - Observations
  - Data and product management
  - Product development
  - Development of production system
  - Production
  - Procurement
  - Education & Training



# EIS and NORDMET

## NORDMET recognises EIS

- June, 2010: report to NORDMET Steering Committee
  - “NOSC is very happy with the work of EIS, which is an important subject.”
- August, 2010: report to NORDMET 12th Council
  - “The work done by the group is appreciated.
  - NOSC thinks it is very useful that the group is discussing a joint ice chart production system, because resources are quite limited in each country.”



# EIS and GMES-ICEMAR proposal

- August, 2010: GMES-ICEMAR proposal to EU DG ENT call "GMES Pilot Services in the Maritime Area"
- Prime: KSAT, Norway
- EIS is a partner in the proposal
  - EIS nominated FMI to be the legal representative in the consortium, while the other members are sub-contractors via FMI
- Not a R&D project, but to build a GMES sea ice information system to improve access to existing and new ice information products to aid ships navigating within ice-infested waters in the European Arctic, and the Baltic Sea.
- Status: Project is awarded, contract signed.