

Arctic ROOS Implementation plan for 2017

(draft of 17 January 2017)

The implementation plan for Arctic ROOS will to a large extent be activities in line with several newly started EU projects where Arctic ROOS members are partners. These projects are INTAROS, BLUE ACTION, APPLICATE and to some extent AtlantOS (see table in the following page).

Action	Deadline	Responsible
Develop a high-level requirement report for a sustained Arctic observing system serving both climate and operational services	31 May 2017	EuroGOOS (E. Buch) and NERSC (S. Sandven)
Organise a workshop with representatives from different Arctic stakeholder groups. Venue: EuroGOOS office in Brussels	31 May 2017	As above
Data management plan for observational data under INTAROS	31 May 2017	NERSC (T. Hamre)
Arctic ROOS data Portal - continuous work to include more data both NRT and delay mode data	Ongoing	IMR
Planning new deployment and of sensors and platforms for data collection in the period 2018 – 2020, including contribution to YOPP	31 Dec 2017	IOPAN (A. B-Möller)
Collaboration with ESA's Polar TEP project	31 Dec 2017	NERSC (S. Sandven)
Collaboration the EU SPICES project led by FMI to improve access to sea ice data.	31 Dec 2017	FMI (J. Haapala)
Build cooperation with institutions in US, Canada, Japan, China, Korea and Russia regarding data collection and data management	ongoing,	NERSC (S. Sandven)
Continue the process with IOC on an Arctic GOOS	ongoing	EG chair

Participation of Arctic ROOS members in EU Arctic projects

No	Country	Organisation	INTAROS	BLUE ACTION	APPLI-CATE	Atlant-OS
1	Norway	Nansen Environmental and Remote Sensing Center	X Coord.	X		
2	Norway	Norwegian Institute for Water Research	X			X
3	Norway	Norwegian Meteorological Institute			X	
4	Norway	Institute of Marine Research	X			X
5	Sweden	Swedish Meteorological and Hydrological Institute	X			
6	Finland	Finnish Meteorological Institute	X			
7	Russia	Nansen International Environmental and Remote Sensing Center, St. Petersburg	X			
8	France	GIP Mercator Ocean		X		X
9	France	Institut français de recherche pour l'exploitation de la mer (IFREMER)	X			
10	Poland	Institute of Oceanology, Polish Academy of Sciences	X			X
11	Germany	Alfred-Wegener-Institut für Polar- und Meeresforschung	X		X Coord.	X
12	Germany	University of Bremen	X			X
13	Denmark	Danish Meteorological Institute		X Coord.		X
14	UK	University of Cambridge				
15	Norway	Norwegian Polar Institute				
16	Norway	Geophysical Institute, University of Bergen	X	X	X	X
17	Denmark	Defence Centre for Operational Oceanography				
18	Norway	University Centre in Svalbard (UNIS)	X			
19	Iceland	Marine Research Institute		X		
		Total:	12	5	3	8