

ARICE Main achievements

ASSW, FARO Annual Meeting
Arkhangelsk, Russia



Nicole Biebow, AWI

www.arice.eu



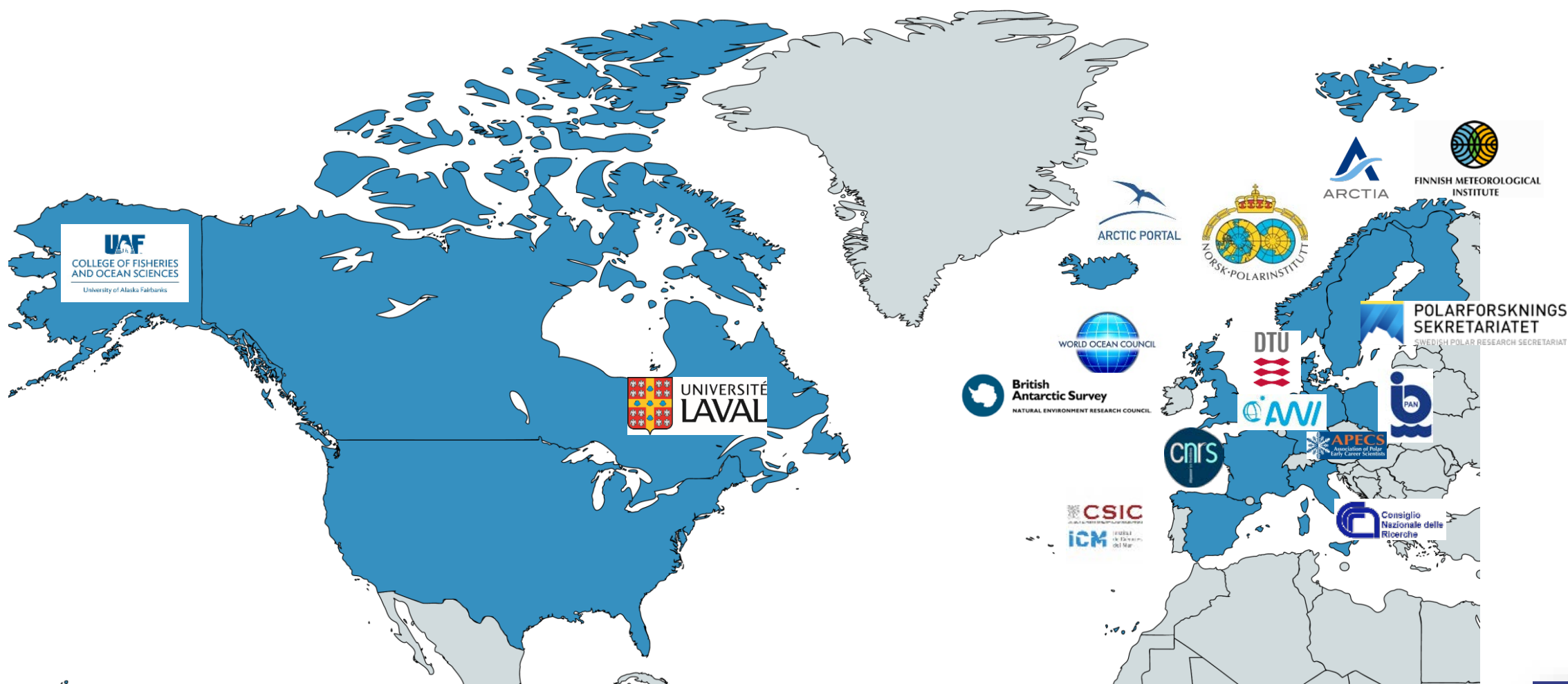
Grant agreement No 730965

To provide Europe with better capacities for marine-based research in the ice-covered Arctic Ocean by:

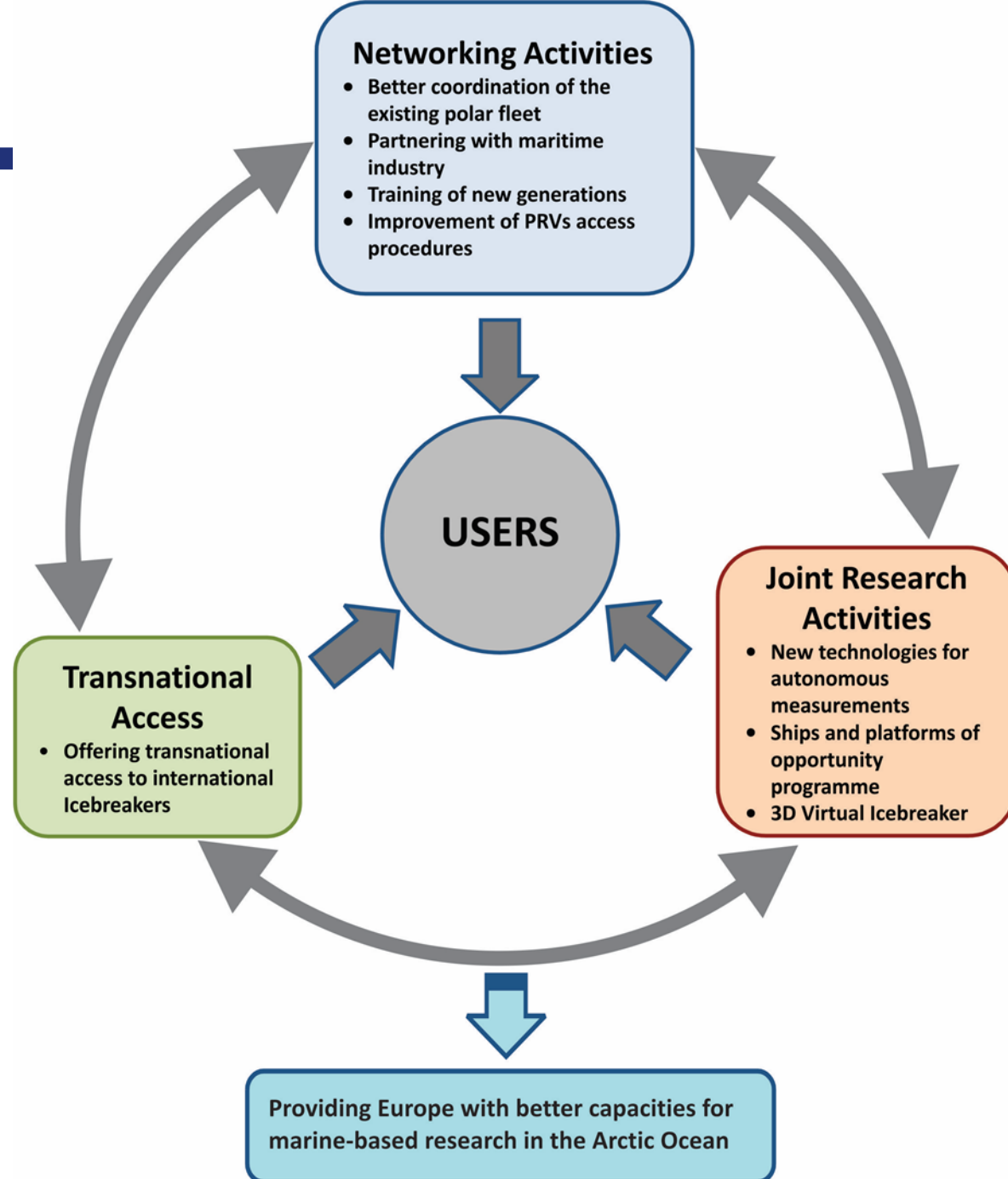
- better coordinating the existing polar research fleet,
- **offering transnational access** to a set of international High Arctic research icebreakers,
- collaborating with maritime industry in a “**programme of ships and platforms of opportunity**”.

The ARICE team

16 partners from 13 different countries



ARICE project - Pillars



Networking activities: Achievements



Objective 1: The harmonisation of the European Arctic Research fleet and the development of an International Research Icebreaker Consortium



Implementation of the ARICE Operational Liaison Panel (OLP)

D1.3. Map of potential beneficiaries of a coordinated fleet (*in prep*)

Workshop: Towards an European Network of Polar Research Vessels in the Arctic (IRISO/Barcelona, 04.10.2018)

Planned workshop: on facilitating long term sharing on planning information of the European PRVs with OLP (**At ERVO meeting in Hamburg, 11.-13.6.2019**)

Objective 2: to ensure that there is regular and sustained interaction between the Arctic science community and the Arctic industry community.



Implementation of the Industry Liaison Panel (ILP)

First Annual Meeting between the Maritime Industry and the Arctic Science Community at the SOS 2018 meeting in Hong Kong

Planned session at Arctic Circle Assembly 2019



Networking activities: Achievements



Objective 3: to create educational material and perform training activities for European early career polar scientists and professionals

Online Training & resources for multiple audiences



Webinar pre-cruise preparation (AWI, IOPAN) *19 February 2019*

Webinar ship-time proposal writing (AWI) *25 April 2019*

In person/on-site training courses (M12 – M40)



MOSAIC School 2019

(20 international M.Sc./PhD students selected from ~250 applications)



6-week training on board of of RV Akademik Fedorov during 1st leg of MOSAIC expedition

ARICE SUMMER School 2020 & technician training

-Planned for summer 2020 on board of RV Heincke & at AWI Helgoland, **RV Heincke funded**



Networking activities: Achievements



Objective 4: Coordinated trans-national access “free of charge” for all European and international scientists to the ice-covered Arctic Ocean on board the six ARICE European and international research icebreakers.

ARICE 2018 call for ship-time proposals – CLOSED - Results available online



PRV Polarstern, DE



CCGS Amundsen, CA



RV Sikuliaq, USA

ARICE 2019 call for ship-time proposals – OPEN! - Application deadline 3rd July 2019



RV Kronprins Haakon, NO



IB Oden, SE



MSV Fennica, FI



TransNational Access: Achievements

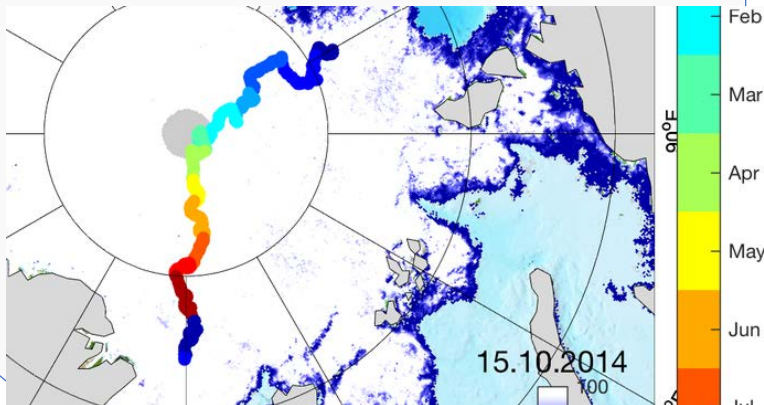


ARICE call 2018- Proposals selected for funding **negotiation still ongoing**

MOSAiC-PRV Polarstern, DE **DEARice**

DEvelopment of snow/ice/
ecosystem models using winter-to-
summer ARctic observations of
coupled snow, ice, and ecosystem
processes

PI: Dr. Martin Schneebeli
WSL Institute for Snow and
Avalanche Research SLF, CH
5 participants in 4 MOSAiC legs

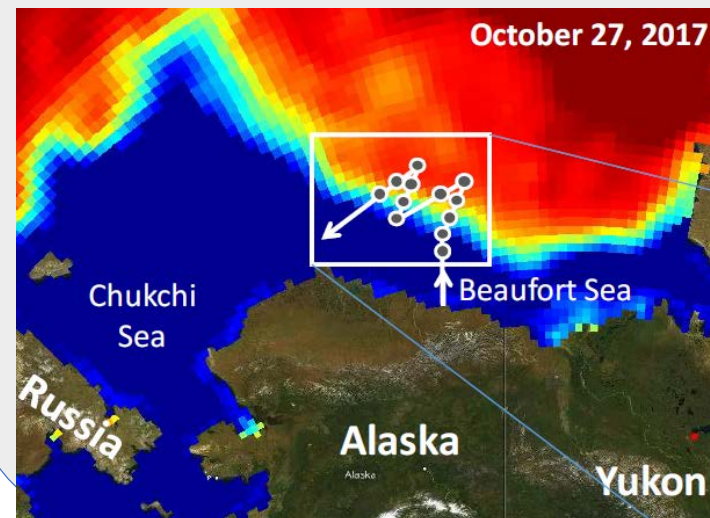


RV Sikuliaq, USA

GO-WEST

Go West: Sea-ice association of polar
cod and its prey in the western

PI: Dr. Hauke Flores
Alfred Wegener Institut, DE
7 participants/7 working days

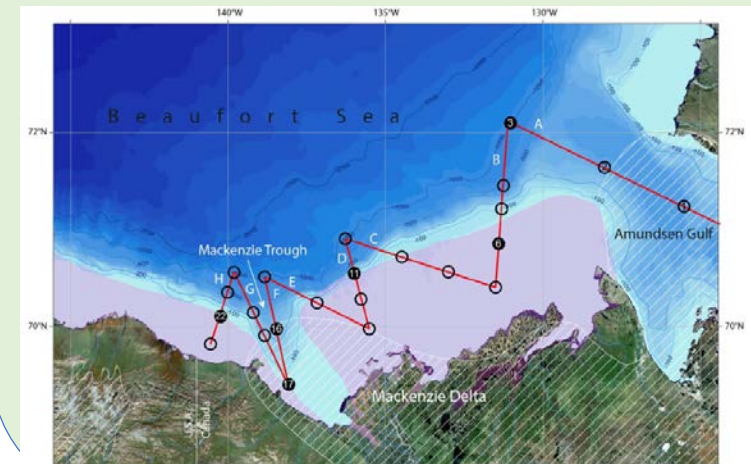


CCGS Amundsen, CA (?)

PECABEAU

How coastal erosion, fluvial export
and submarine permafrost
Degradation impact the carbon
budget on the Canadian Beaufort
Shelf

PI: Dr. Jorien Vonk
Vrije Universiteit Amsterdam, NL
10 participants/7 working days



Thank you!



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