



INTAROS

WP4 Community-based observing

Aims Enhance community based observing programs for participatory research and capacity-building

Surveyed Arctic CBM programs

Prepared web-based toolkit for Arctic CBM programs

CBM = Community-based observing incl. Citizen Science



INTAROS

Svalbard and Disko Bay (T4.3-4; 6.6)

1. Pilot Citizen Science network of relevant parameters to support decision-making
2. Make the data accessible for int'l databases
3. Demonstrate the benefits

Cruise Expedition Monitoring

March 2019

Workshop aims To jointly develop a cruise expeditions' Arctic environmental monitoring program comprising dedicated Citizen Science programs

Cruise Expedition Monitoring

Pre-workshop: AECO contacted 130+ persons, 70+ operators; Skype meetings w. 6 operators

Workshop: Discussions with AECO, UNIS, Hurtigruten, Viking, Mare Incognita; CSc programs on sea-ice, oceanography, plastic/algae, wildlife; IASC, Svalbard SIOS, and the Polar Citizen Science Collective

Post-workshop: Agreement on a pilot program

Cruise Expedition Monitoring Workshop

Group discussions of 4 questions:

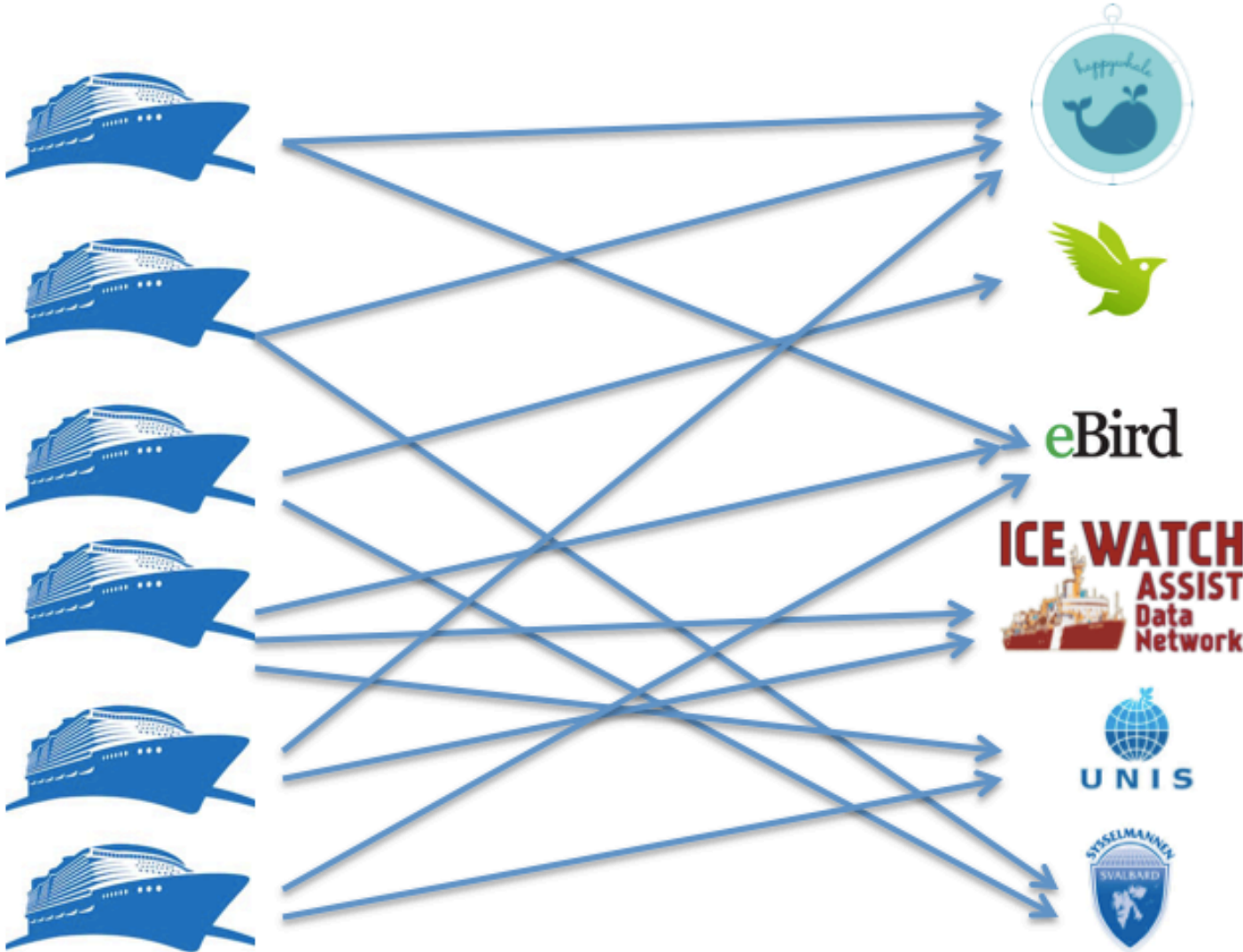
1. Which attributes do you suggest are recorded?
2. Reporting approach, communication lines?
3. What kind of feedback is needed?
4. Your thoughts on a pilot monitoring program in 2019?

Cruise Expedition Monitoring Workshop

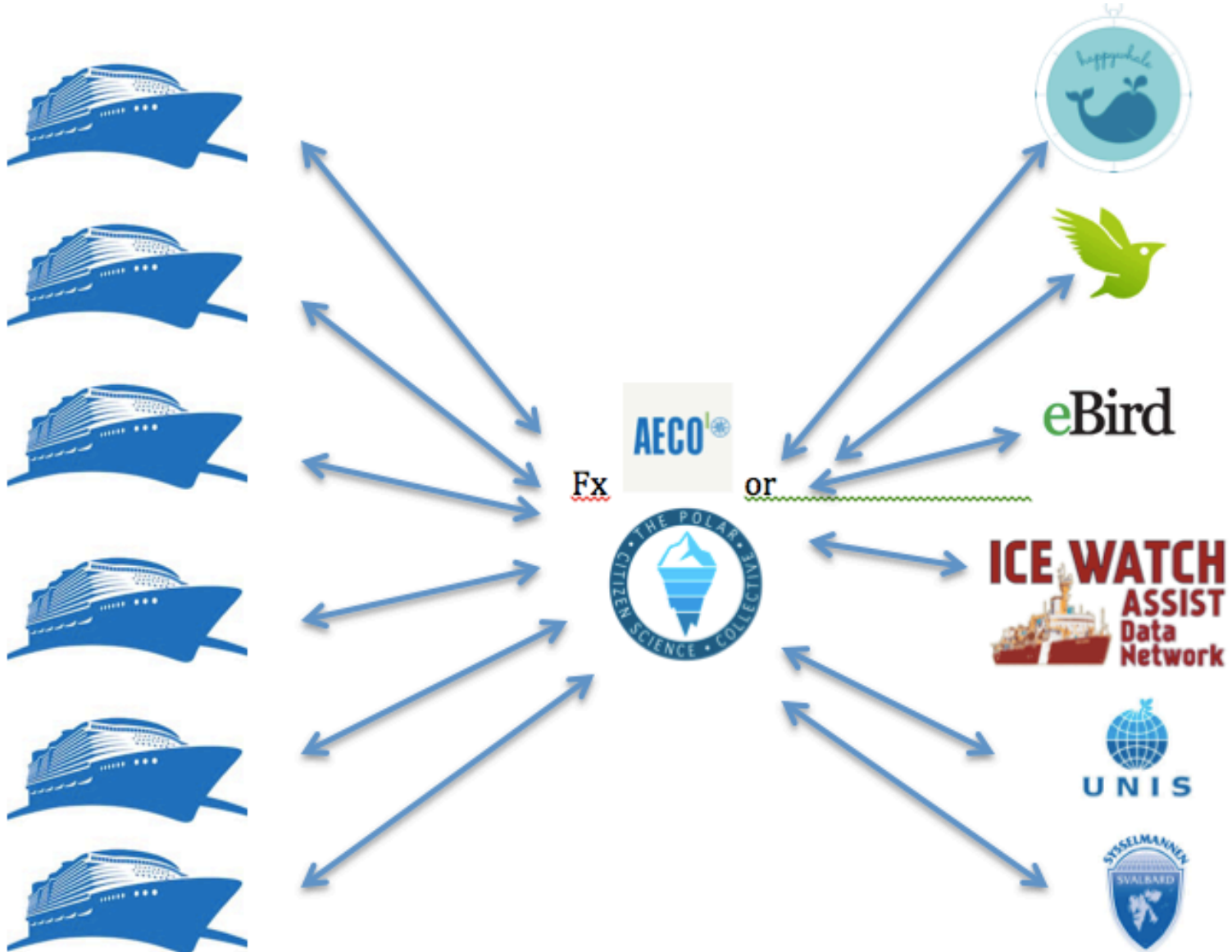
Conclusions

- Some CSc is already undertaken by the operators but there is large unexplored potential
- Geo-physical, biological, environmental, cultural topics
- Helps build trust between scientists and people
- Immediate feedback to the contributors are needed
- Careful design and proper evaluations are important
- Broad interest in further cooperation, incl. pilot program in 2019

Today



Future ?



Cruise Expedition Monitoring Workshop

Conclusions (cont.)

- Local ownership is key
- Already good projects that could be applied here, build on that for further work. Resource constraints
- Local decision-makers, scientists, operators together should decide on what is needed
- Contributes to new ways of working together
- Next step: Assess existing initiatives, prioritize e.g. 5-7 CSc programs, test a 'one stop' approach in 2019, evaluate and document experiences, quantify impact



MID TERM REVIEW

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"Items for possible discussion" re. WP4	Action
More visibility	Through intaros.eu , SAON etc. Suggestions welcome!
More liaison w. Arctic Cluster	Nunataryuk and Interact Suggestions welcome!
More European/Russian CBM programs into the CBM Toolkit	Underway

IMPACTS

A Changed policies

- 1 Fingerprints in Joint Statement of Ministers AOS2
- 2 National government CBM policy underway in one country
- 3 Yakutia policy changes

B New organizations

- 1 UArctic Thematic Network on Collab Mngt
- 2 UN-"one step entrypoint" for citizen science **globally** (GCSP)
- 3 Arctic User Knowledge Network of small-scale fishermen/hunters

C International prize Nordic Council Environment Prize

D New educational programs

- 1 In-service course in Greenland w. Greenland Climate Centre
- 2 Peer-to-peer exchanges, W African fishermen World Bank

E Invitations high level fora (several, eg. AOS Davos)

F Media visibility TV, radio, Prime Ministers New Year Talk
hundreds of newspaper and social media stories

G New projects (multiple)

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