

WP 7: Improving Harmonizing Biodiversity Monitoring

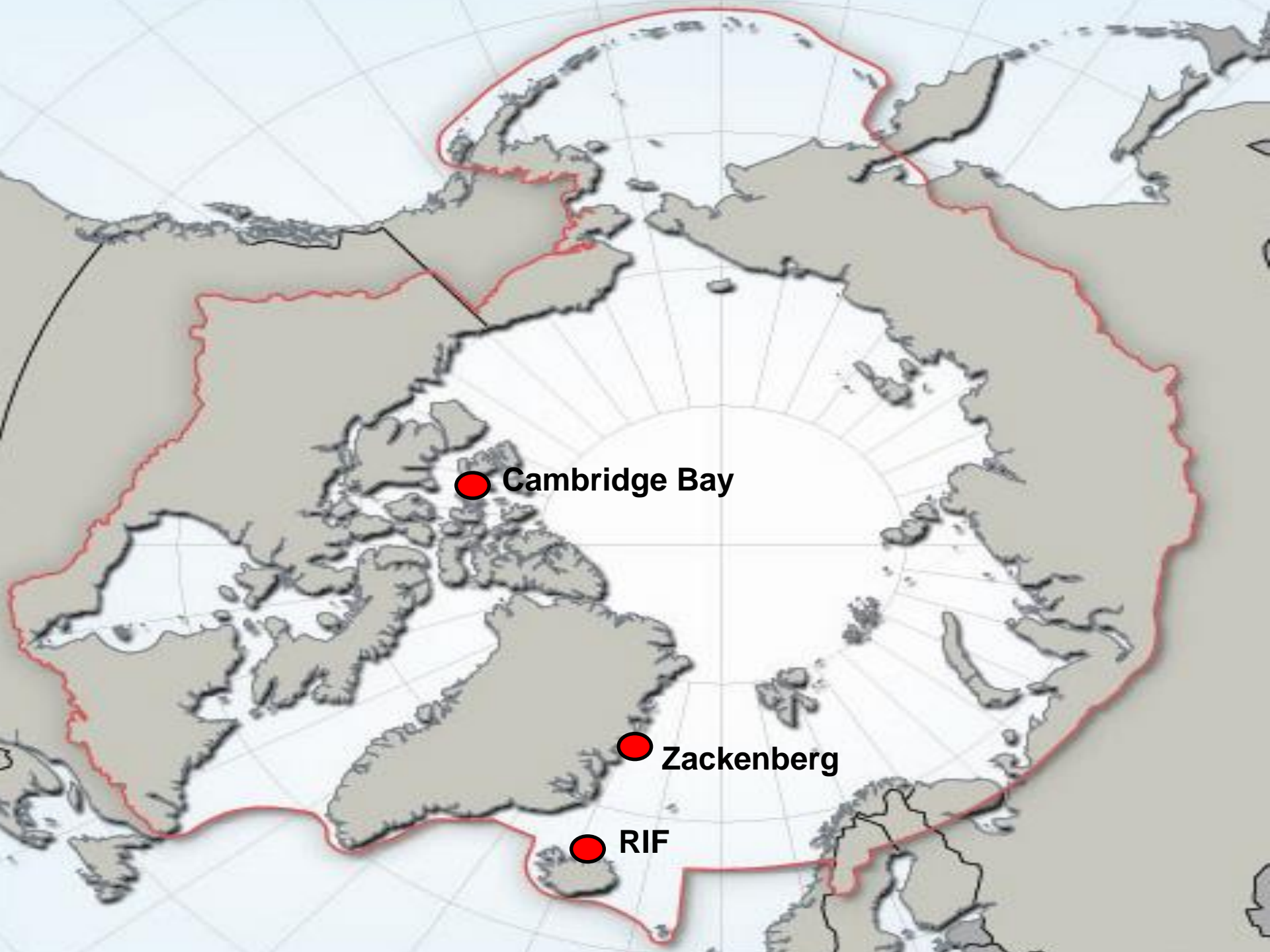


Tom Barry
tom@caff.is

Tom Christensen
toch@bios.au.dk

- Conservation of Arctic Flora and Fauna (CAFF) biodiversity Working Group of the Arctic Council
- Monitoring, assessment, data management, communication
- Mandate:
 - to address the conservation of Arctic biodiversity, and to communicate its findings to the governments and residents of the Arctic, helping to promote practices which ensure the sustainability of the Arctic's living resources





● Cambridge Bay

● Zackenberg

● RIF

- State of ecosystems and biodiversity
- Baseline for regional/global assessments
- Inform policy & decision making
- Help resolve challenges arising from multiple pressures
- Action plan to implement ABA recommendations



Circumpolar Biodiversity Monitoring Program (CBMP)

- Coordinated Arctic monitoring
- International network improving detection, understanding and reporting of Arctic biodiversity trends
- Focal point for current and credible Arctic biodiversity information
- Bridging the information-policy gap

www.cbmp.is



Outputs

- State of Arctic Biodiversity Reports (Marine, Freshwater, Terrestrial and Coastal)
- Scientific publications
- Arctic Biodiversity Data Service (ABDS www.abds.is)



WP7: Goal

Test the CBMP Freshwater and Terrestrial monitoring plans at INTERACT stations



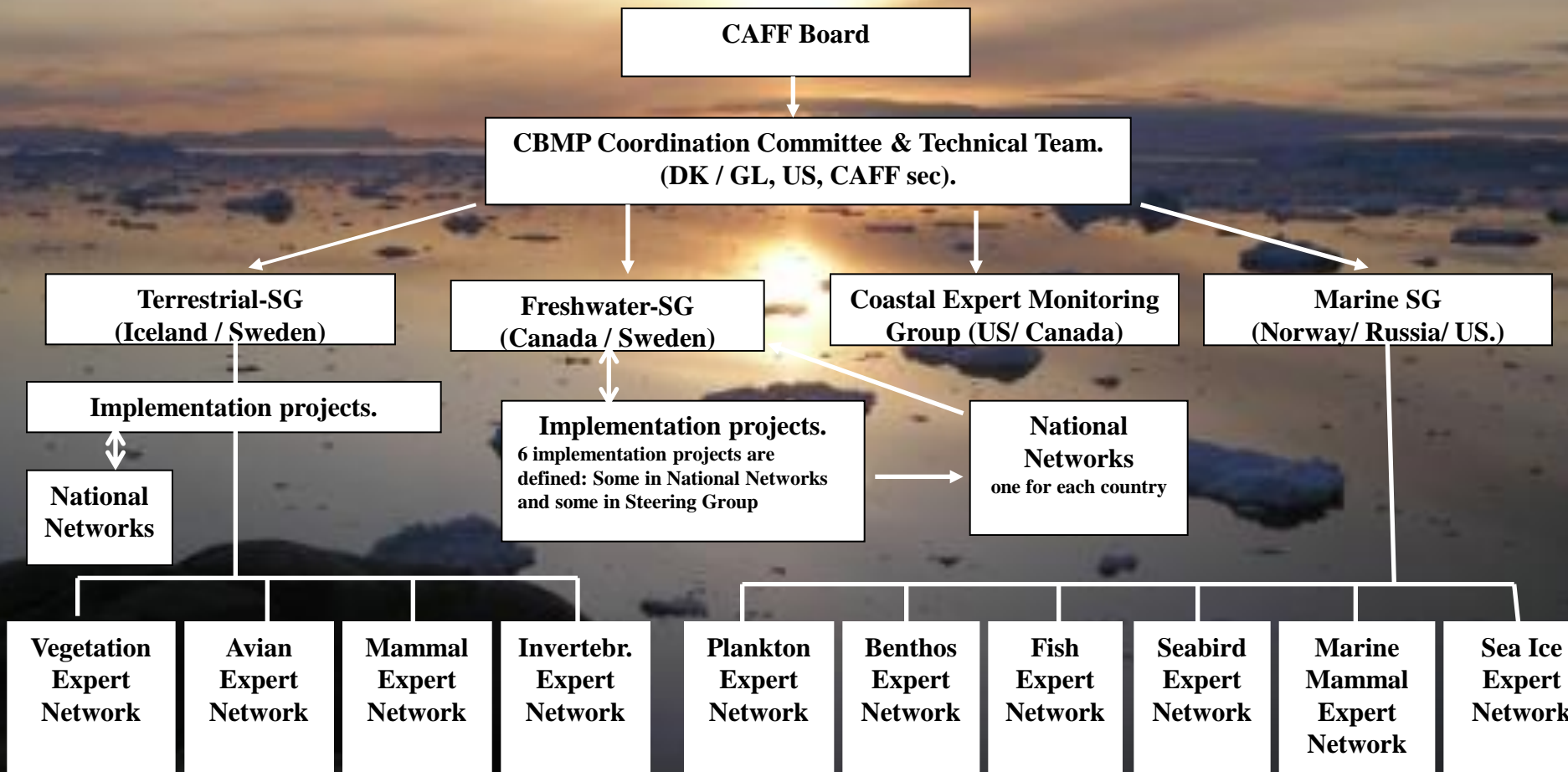
WP7: Objectives

- Interface between CBMP and INTERACT
- Test CBMP Freshwater and Terrestrial Biodiversity Monitoring Plans at 3 locations
- Identify how data from INTERACT stations can inform Arctic Council assessments
- Arctic Biodiversity for the Encyclopedia of Biodiversity

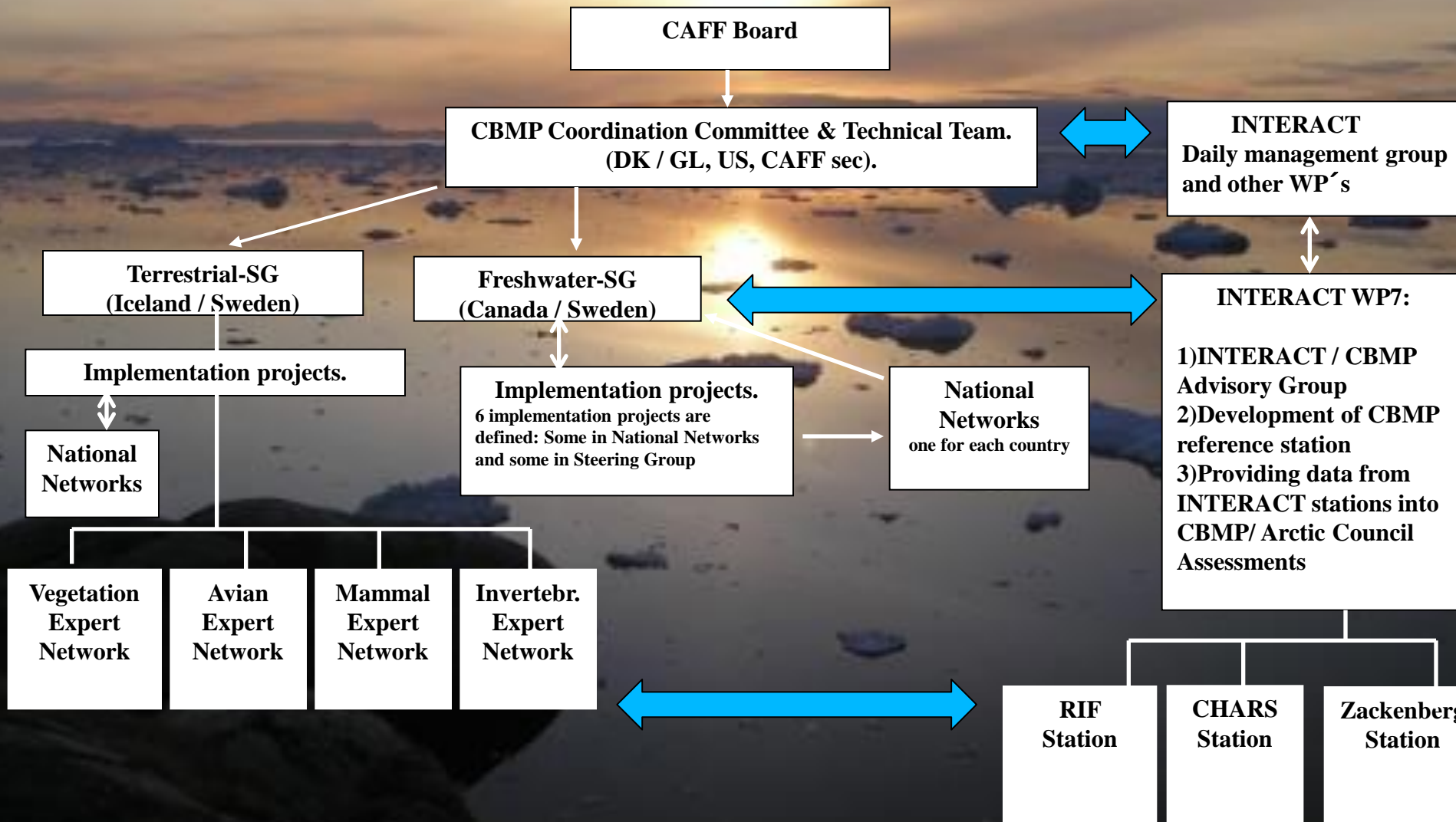


Structure and overall assignments CBMP.

January 2017



CBMP and INTERACT WP7



Monitoring plans

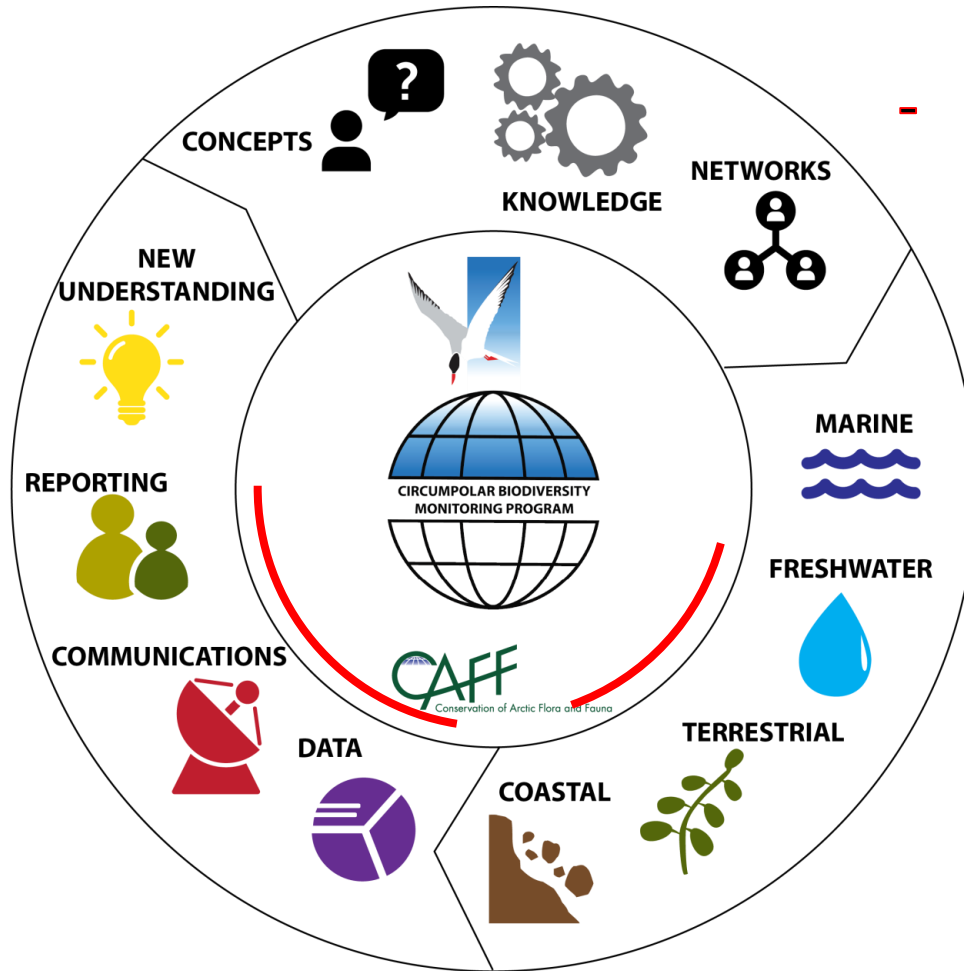
Strategic plan and 3 Integrated, Adaptive and Ecosystem Based Monitoring Plans developed and published:

1. Marine
2. Freshwater
3. Terrestrial
4. Coastal Plan

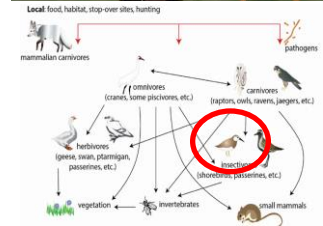
Focus on existing monitoring capacity, existing data



WP7 and CBMP



- INTERACT WITH local

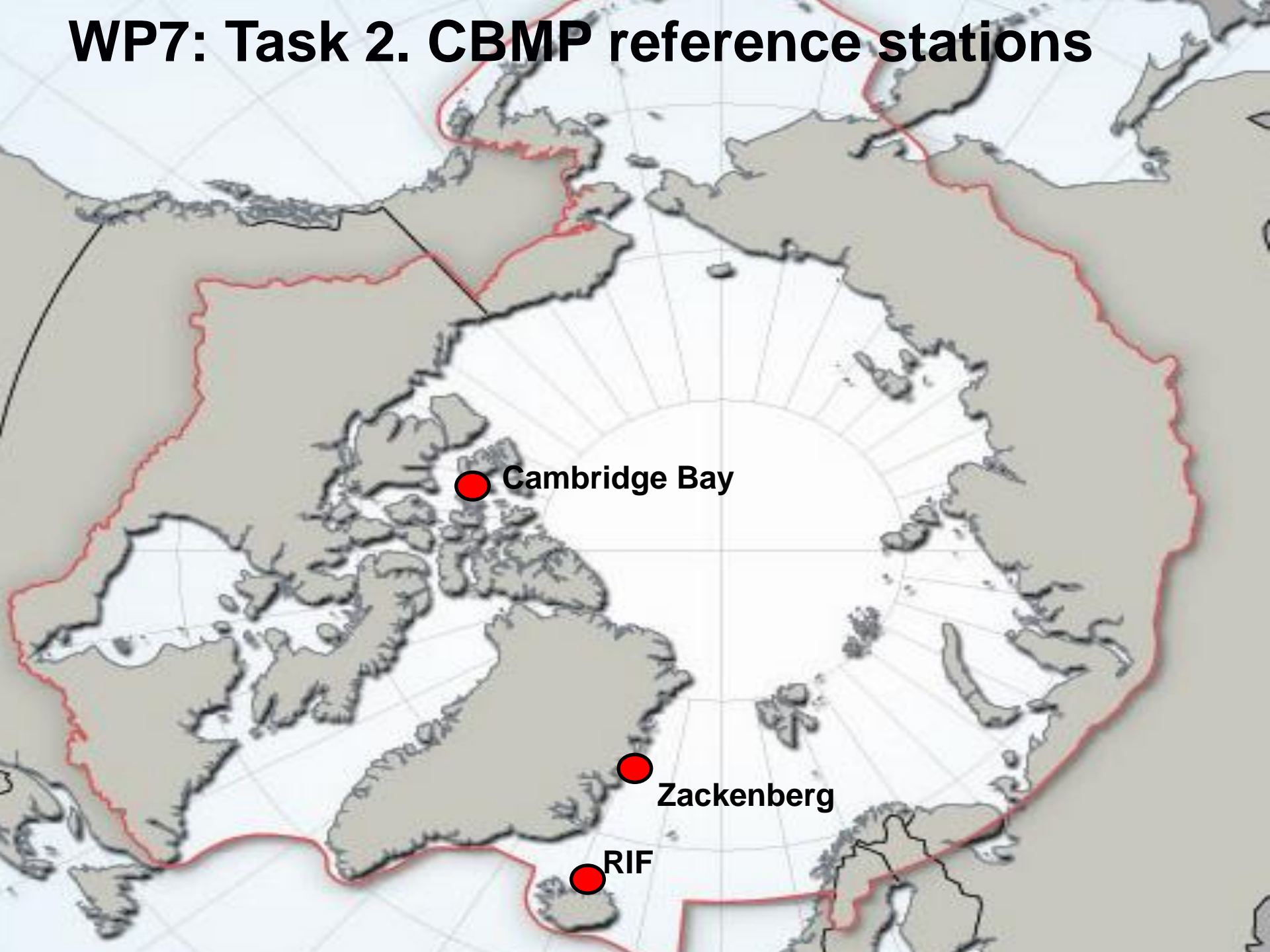


WP7: Task 1. Advisory group

- Establish advisory group (annual meeting + teleconferences)
 - 3 Station Managers/ scientific leaders.....
 - CBMP leads from terrestrial and freshwater group,
 - Relevant country CBMP SG members
 - CAFF secretariat
 - CBMP Co-Chair
- Guide and advise 3 INTERACT field stations in implementation of a CBMP Monitoring Plans
- First meeting will be at RIF station spring/ summer 2017

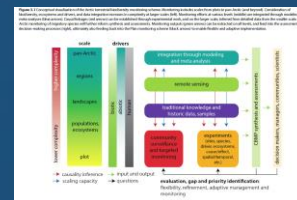


WP7: Task 2. CBMP reference stations



WP7: Task 2. Establish CBMP reference stations

- Advisory group: Lead the work to test CBMP Monitoring Plans at the 3 stations
- Review biodiversity monitoring and identify gaps
- Compare methods and monitored FEC's and implement standardized methods and specific fieldwork
- Discuss data and upscaling possibilities
- Develop a user manual for implementing CBMP at INTERACT stations
- Input/ participation from other station managers most welcome (WP 3, 5)



WP7: Task 3. Providing data to Arctic Council



- Develop a data management plan for data on FEC's monitored at the RIF station in connection with ABDS
- Data management plans from Zackenberg, CHARS and RIF will be used to test how data collected at INTERACT stations can fit into future CBMP assessments and products.
- Develop a report describing flow of data from the field to Arctic Council assessments
- Input from WP 4 (data forum) most welcome and needed



THANK YOU

