

WP 5 – Connecting the Arctic: Transport and Communication



**EUROPEAN
POLAR BOARD**

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European Polar Board



WP 5 – Connecting the Arctic: Transport and Communication

- Arctic research – reliant on crossborder cooperation
- Provide information to reduce barriers for exchange of people and scientific samples across national borders in the Arctic
- Identify bottlenecks for the free mobility of researchers, their samples and their data
- Recommendations on how implementation of the Agreement on Enhancing International Arctic Scientific Cooperation could be further developed
- Improve communication for local communities, research stations while introducing new smart instrumentation

Partners involved in the WP



**EUROPEAN
POLAR BOARD**
1995 - 2020

WP Lead - EPB



Partner - IRIDIUM



European Polar Board

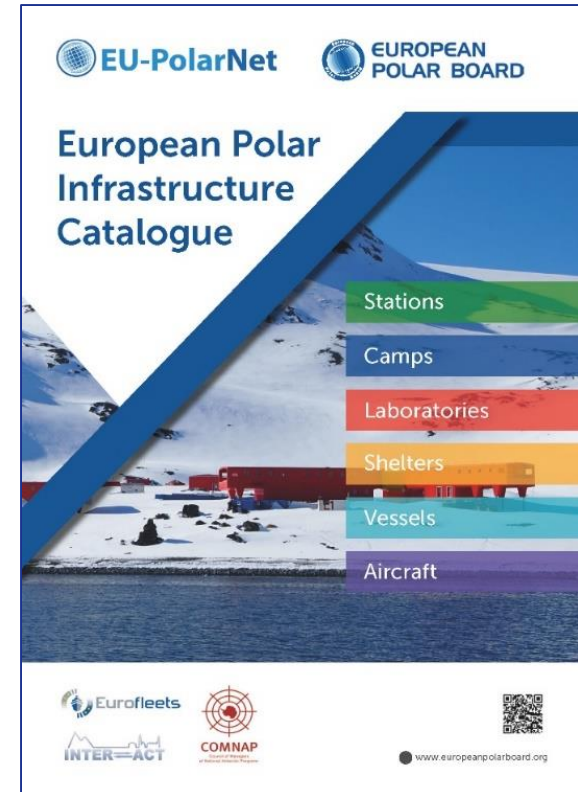
- Polar vision - Arctic and Antarctic - 27 Member Organisations from 19 countries
- Research institutes, infrastructure operators, funding agencies, government ministries, scientific academies
- Actions to support scientific cooperation, networking of Polar facilities and field operations



EPB Action Group on Infrastructure

Towards harmonising access requirements for Polar infrastructure

- European Polar Infrastructure Catalogue and Database
- Coordinate and share information on infrastructure facilities and access
- Leads to tools and coordinated initiatives that can support collaboration with international partners around the world





Iridium Overview

Iridium Communications Inc.

Iridium[®] is a satellite communications company that offers voice and data connectivity **ANYWHERE IN THE WORLD**

1M+

Global
Customers

400+

Technology
Partners

600+

Employees &
Contractors
Worldwide



Task 5.1

Task 5.1 Identify and help to reduce barriers of exchanging people and transporting scientific samples across national boundaries

- Studying the benefits and possible shortfalls of implementation of the Agreement on Enhancing International Arctic Scientific Cooperation
 - M5.1: Policy briefing - Arctic
 - M5.2: Policy briefing - Antarctic



Task 5.2 (IRIDIUM)

Reduce barriers of communicating among stations, local communities and the outside world

This task will work with the Station Managers' Forum to identify state-of-the-art communication systems for researchers, stations and local and Indigenous communities [M5.3]



Future deliverables

D5.1 Report on Significance of the Agreement on Enhancing International Arctic Scientific Cooperation for Research in the Arctic (Month 38)

A stylized globe in the top-left corner, showing the continents of Europe and Africa. Numerous small blue dots are scattered across the globe, representing various locations or data points.

Internal collaboration

WP1 – Outreach and dissemination

WP2 – Station Managers Forum, Task 2.2 Survey results



External collaboration

Agreement on Enhancing International Arctic Scientific Cooperation

Arctic Council SAO meeting

International Arctic Science Committee (IASC)

Scientific Committee on Antarctic Research (SCAR)

Antarctic Treaty

EPB Members and Action Group on Infrastructure

EU Polar Cluster