



# **CAPARDUS - Capacity-building in Arctic standardization development**

Coordination and Support Action under EC Horizon2020  
Grant Agreement no. 869673

Project coordinator: Nansen Environmental and Remote Sensing Center

## **Deliverable 8.1**


### **Communication plan**

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| DISSEMINATION LEVEL |  |   |
|---------------------|--|---|
| PU                  | Public, fully open   | X |
| CO                  | Confidential, restricted under conditions set out in Model Grant Agreement |   |
| CI                  | Classified, information as referred to in Commission Decision 2001/844/EC  |   |

### ***EXECUTIVE SUMMARY***

Communication with other Arctic projects, stakeholder groups and organisations is part of all the workpackages of the project. The communication will address decision makers; economic actors; service providers, scientists, students and in particular local communities that are the target groups of the case studies. The aim is to raise awareness and engagement in capacity building and standardization development within the thematic areas of the project. The core activities of the project are: 1) to develop a comprehensive framework for Arctic Standards (WP1), 2) conduct case studies through a series of dialogue meetings, workshops and research schools in selected regions of the Arctic and 3) and to promote Arctic Practice System as a repository of documents that is searchable on titles, keywords and content. The Arctic Practice System is envisaged as a tool to advance standardization within the topics of the project. The communication activities will be conducted through meetings, workshops and research schools organized by CAPARDUS. Communication will also take place through the public website, social media, press releases and policy briefs. The work of CAPARDUS will be presented at conferences, workshops, dialogue meetings with stakeholders and their organisations. Target groups for the communication are several European Commission Services, Arctic organisations and other international bodies with interests in the Arctic.

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## 1. Introduction

CAPARDUS is a Coordination and Support Action that will focus on work connected to capacity-building in Arctic standardization. The action will include establishment of a framework for standardisation, awareness-raising, training and education, policy dialogues, activities of strategic planning, networking and coordination between programmes and projects in the Arctic. The communication work aims to target a range of stakeholders and other actors with interest or obligations related to science, services, and economic activities in the Arctic. The communication shall also contribute to the development of relevant national, European, and Pan-Arctic policies, as well as local community planning. The stakeholder groups to be addressed include:

- Economic actors, especially those involved in shipping, tourism, environment technology, and risk assessment. They will be informed about the project in the capacity-building research schools and workshops as well as in dialogue meetings.
- European bodies and programmes, such as Copernicus services, DGs in the European Commission and European Environment Agency will be informed directly through meetings
- Political entities and decision-makers: national agencies, municipalities, regulatory bodies, emergency services, environmental protection, Indigenous organizations. Policy briefs and participation in conferences such as Arctic Circle and Arctic Frontier
- Broader scientific international community: natural science, engineering, social science. Dissemination will be done through scientific publications, popular science articles and news information at the project web-site and presentations at conferences.
- Indigenous communities and other local communities in Greenland, Alaska, Svalbard and Russia

## 2. Summary of work plan

The objectives of the project work are the following:

1) Develop a framework that first, through a systematic review process, identifies existing Arctic standards of importance for Arctic operators and communities. As part of the framework development, a model will be created that identifies and describes key relationships and creates links between and among different standards and links with other relevant entities (e.g. legislation, academic bodies of knowledge). The work will be based on communication with arctic communities of practice and relevant organisations to co-develop a comprehensive framework for Arctic standards

2) Conduct case studies in four different regions of the Arctic, where dialogue and collaboration will be established with local communities and other actors in the regions. The case studies are focused on highly different communities, from Indigenous people living a traditional life to communities based on modern economy. The case studies will be used to review existing common practices and standards, co-develop guidelines for monitoring programmes, resource exploitation and other topics of importance for sustainable development in the regions. The case studies will use dialogue meetings, workshops and research schools as working methods.

3) Develop a concept of an Arctic Practice System based on the outcome of the case studies and review of existing best practices and standards. The concept will be based on the Ocean Best Practice repository and adapted to the situation in the Arctic where local communities and other stakeholders need to define the requirements for such system. The Arctic Practice System is based on building up a repository of documents that is searchable on titles, keywords and content. Dialogue meetings, workshops and

training activities will be central elements in the work, which will result in a design and roadmap document for an Arctic Common Practice System to serve a wider group of users.

4) A synthesis of the project results will be provided by the end of the project, with recommendation for Arctic standards and guideline development for the communities and actors involved in the project.

### 3. Communication activities

Methods of communication include:

**(A) Communication through direct contact** with researchers and stakeholders who are involved in the topics of the project. This will take place through the workshops, research schools and dialogue meetings, where project results will be presented and discussed with the participants. Direct contact will take place as part of the case studies where we approach the local communities in Alaska, Greenland, Svalbard and Russia. The dialogue meetings are mostly done via online meetings and physical meetings that will be organized if the pandemic situation allows.

#### **(B) Communication with other projects in the EU Polar Cluster and other Arctic projects**

There will be communication with Arctic research projects working with local communities, including Community-Based Monitoring and Citizen Science projects. Projects with social science activities are particular important because the socio-ecological dimension has impact on the development of guidelines, practices and standardisation. Example of other Polar Cluster projects working with local communities are FACE-IT, CHARTER, NUNATARYUK, INTERACT, ECOTIP, and JUSTNORTH, In addition there are projects such as Svalur (Bellmont project) and CULTCOAST (funded by the Research Council of Norway) and the Svalbard Integrated Arctic Earth Observation System (SIOS).

#### **(C) Communication with programmes and organisations working in the Arctic**

CAPARDUS is communicating with the Ocean Best Practice System (OBPS), which is established under the H2020 AtlantOS project. OBPS was adopted in June 2019 by the Intergovernmental Oceanographic Commission as an international project co-sponsored by the Global Ocean Observing System ([GOOS](#)) and the International Oceanographic Data and Information Exchange ([IODE](#)).

Other organisations and programmes to be contacted are CAFF, one of the working groups of the Arctic Council, and ICES – International Council for Exploration of the Seas. Other organisations will include national and regional bodies to be involved in the case studies in WP2-WP5.

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Project partners:

| No | Acronym         | Participant Legal Name   | Country |
|----|-----------------|--|---------|
| 1  | NERSC           | STIFTELSEN NANSEN SENTER FOR MILJO OG FJERNMALING                                  | NO      |
| 2  | NORDECO         | NORDISK FOND FOR MILJØ OG UDVIKLING  | DK      |
| 3  | Ilisimatusarfik | Ilisimatusarfik, Grønlands Universitet, University of Greenland                    | GL      |
| 4  | AWI             | Alfred-Wegener-Institut Helmholtz-Zentrum für Polar- und Meeresforschung           | DE      |
| 5  | IEEE            | IEEE France Section  | FR      |
| 6  | NINA            | STIFTELSEN NORSK INSTITUTT FOR NATURFORSKNING NINA                                 | NO      |
| 7  | UCPH            | KOBENHAVNS UNIVERSITET   | DK      |
| 8  | NIERSC          | Scientific foundation Nansen International Environmental and Remote Sensing Centre | RU      |
| 9  | ARC-HU          | Arctic Research Centre, Hokkaido University  | JP      |

Subcontractors

|  |          |  |        |
|--|----------|--|--------|
|  | ELOKA    | Exchange for Local Observations and Knowledge of the Arctic          | USA    |
|  | UAF/IARC | University of Alaska Fairbanks/ International Arctic Research Center | USA    |
|  | CSIPN    | Center for Support of Indigenous Peoples of the North                | Russia |
|  | E84      | Element 84   | USA    |