

CAPARDUS: Capacity-building in Arctic Standardisation Development

A Coordination and Support Action 2020-2022 under
H2020-LC-CLA-07-2019: The changing cryosphere: uncertainties, risks and opportunities,
topic d) Arctic Standards

Submission. Deadline 19 February 2019

Project period: 01 December 2019 – 30 November 2022

Coordinator

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Call text:

d) Arctic standards (Coordination and Support action): The action should propose guidelines and protocols to develop ‘Arctic standards’, also including the legal framework, based on the translation of research outcomes into cold-climate technologies and services with commercial potential and the assessment of the sustainability of associated processes and technologies. The action should cover a wide range of technologies and services that have the potential to bring broad social and economic benefits within and beyond the Arctic region. The action should also provide requirements on how to design, build, install, and operate equipment and services to safely perform activities in the Arctic and to respond to emergencies.

Objectives

- *Establish a comprehensive framework for development, understanding and implementation of Arctic standards*
- *Identify and document common practices as basis for development of standardization, building on the Ocean Best Practice System*
- *Bring stakeholders, including researchers and service providers, Indigenous and local communities, commercial operators and governance bodies, together to build an Arctic Best Practice System*



Fisheries is the most important economic activity and food source for local communities in Greenland. Photo by Gerth Nielsen



Buildings in Longyearbyen threatened by thawing permafrost. Photo: L. Iversen, NERSC

Standardization continuum

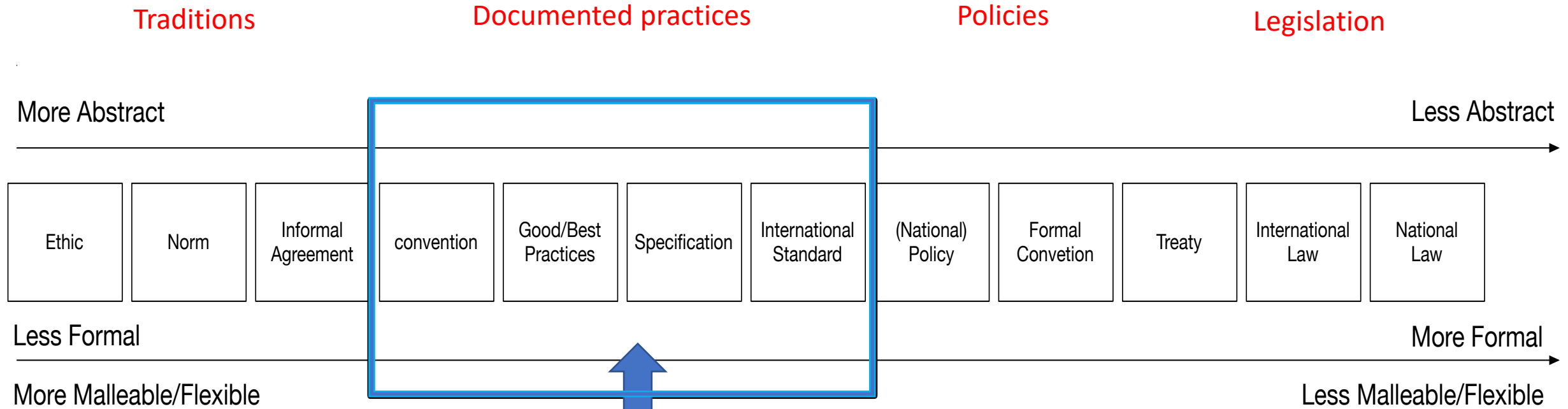


Diagram P. Pulsifer, based on Pulsifer et al. 2019

CAPARDUS will address scientific activities and data collection related to natural resource management, tourism, safety and community planning and decision making

