

ARCTICHUBS

Co-creating solutions with 22 hubs across the Arctic

The situation

Climate crisis

Climatic changes in the Arctic are occurring 2-3 times faster than the global average. Impacts are not only environmental, but socio-economic too.

Arctic

The Arctic has multiple definitions, being measured as climate, line of latitude, extent of Arctic tree line & more. It is a habitat demanding adaptations to survive the extreme living conditions.

melting of ice & permafrost

extractive industries

demand for resources

Global drivers

Drivers influencing the future shape of the Arctic region include economic and political factors, as well as climate change per se.

globalisation of Arctic

The challenge

(G)local competition for Arctic resources

Globalisation and the climate crisis are combining to drive change at an unprecedented rate in the arctic region. New economic sectors are opening up - such as mining and tourism - whilst many traditional livelihoods, such as fishing and forestry, are operating at an industrial scale, driving land use conflicts and transforming lives and communities.

FOREST

Tourism
Reindeer herding
Wellbeing
Timber
Carbon sequestration

SEA

Fish Farming
Energy
Hydro Carbon Extraction
Tourism
Transportation
Trade routes

LAND

Mineral extraction
Tourism
Transportation
Reindeer herding

The Arctic Region

GLOBAL CHALLENGES

Climate crisis mitigation
Search for common ground
Sustainable economies

The solution



Co-creating solutions with 22 hubs across the Arctic

At the heart of the project are 22 'hubs' - nodes hosting a combination of economic activities, or one main industry or means of livelihood. The hubs represent places where the challenges and impacts facing the Arctic region are tangible and acute.

22 hubs grouped into 5 clusters



FORESTRY



INDIGENOUS COMMUNITIES



MINING



FISH FARMING



TOURISM

How it works

The project will develop tools for reconciling competing models of livelihood and land use in Arctic hubs and their surroundings, whilst respecting the needs and cultures of local populations.

Gathering & analysing data

Evidence-based solutions

Future scenario building

Building solutions out of complexity

Finding common ground

Developing Participative Tools

Stakeholder Analysis

LOCAL VOICES HEARD

CO-CREATE DATA

Digital participative platforms

Collaborative decision making

CO-CREATE POLICIES



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Global drivers, local consequences: Tools for global change adaptation and sustainable development of industrial and cultural Arctic 'hubs'