

# **Antarctic Regional Climate Centre startup – statement provided from Norway at the Scoping Workshop in Bologna, October 7-9, 2019**

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## **Norwegian Polar Institute:**

The Norwegian Polar Institute has several roles in Antarctica, including advising the Norwegian government on environmental issues in the region, ensuring Norwegian activities in Antarctica comply with relevant environmental laws and treaty obligations, operation of the research station and airfield at Troll Station and environmental research and monitoring.

We support the creation of an Antarctic Regional Climate Centre and see several ways that forecasts and information from such a centre could be useful to our activities. Seasonal to multi-year forecasts of relevant climate parameters would assist our planning, operations, safety assessments and oversight in the region. The centre will also provide a forum for increased international cooperation among operators in Dronning Maud Land and elsewhere in Antarctica.

While we are interested in being involved in the centre's development, our resources and mandate provide limitations to our contributions. We would like to provide input both as a stakeholder and a management-oriented research organization. We are happy to provide any relevant data that we collect, especially from meteorological and radiation stations around Troll and from any atmospheric process studies or cruises in the region. We have data management and distribution expertise, though other AntRCC partners likely have greater capacity to contribute in this area. We do not have the mandate or capacity to carry out operational modelling or prediction, nor to provide an Antarctic-wide data portal for a broad range of climate observations.

## **Norwegian Meteorological Institute (MET Norway):**

MET Norway does not have any mandate from the government to monitor weather and climate, to run models for the area or provide forecasts for Antarctic areas. Nevertheless, ice charts for part of the coast of Antarctica are produced.

MET Norway has relevant competence in handling data; quality control, big data sets, safe data storage and web solutions for data distribution. The Institute is interested in Observations (meteorological and sea ice) from the area and might take part in validation activities.

MET Norway does not foresee spending significant resources on building an Antarctic RCC, however we will offer to transfer experience from establishing the ArcRCC-Network. We can also contribute to build up a web portal for the AntRCC.