



Best viewed on phone or tablet

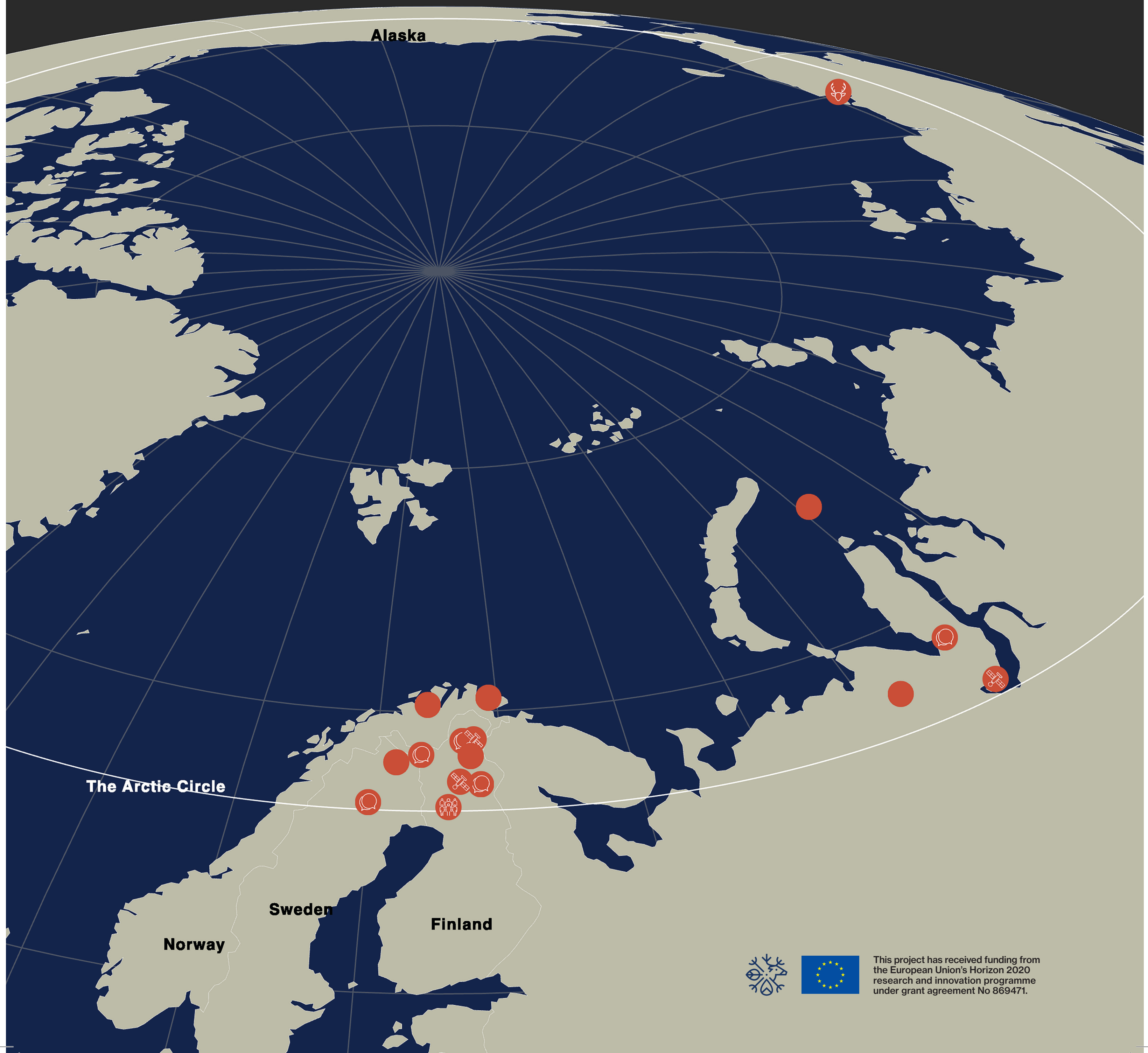
## A WARMER & WETTER ARCTIC IS CHANGING THE SNOW

Snow is a fact of life in the Arctic, in fact, it defines it. In many parts of the Arctic, snow can cover the ground for more than half the year. As the Arctic is predicted to become warmer and wetter, how will better understand and investigate the impacts these changes will have on plants, animals and people?

The study of snow is performed in multiple ways, physically on the ground and remotely from outer space. Climate modelling, interviewing indigenous and local peoples, the digging of snow pits, longterm monitoring, and remote sensing all play an important role.

Explore this interactive map to learn more about how all kinds of snow science and snow stories will help us deepen our understanding of the secrets of snow.

These digital posters are part of a larger exhibit on the impact of warmer and wetter winters in the Arctic that will be housed online and in the Arktikum Science Centre in Rovaniemi, Finland and are an outreach component of the CHARTER research project.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 869471.





StoryMap best viewed on desktop

## WHEN RAIN FELL IN WINTER

In the winter of 2013–14, rain washed over parts of the Yamal Peninsula, the largest single area of reindeer husbandry in the world. This caused the death of up to 60,000 reindeer, ruining the fortunes of many herders, a number of whom have yet to recover.

Winter rains create layers of ice which if thick enough can be fatal for reindeer. In recent years, these icing events have evolved from a once in a lifetime event to something that is happening every few years.

In this StoryMap, we follow the choices that Tokcha Khudi, a Nenets reindeer herder, made that winter. Thanks to his skills and some luck, he managed to save most of his herd.

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