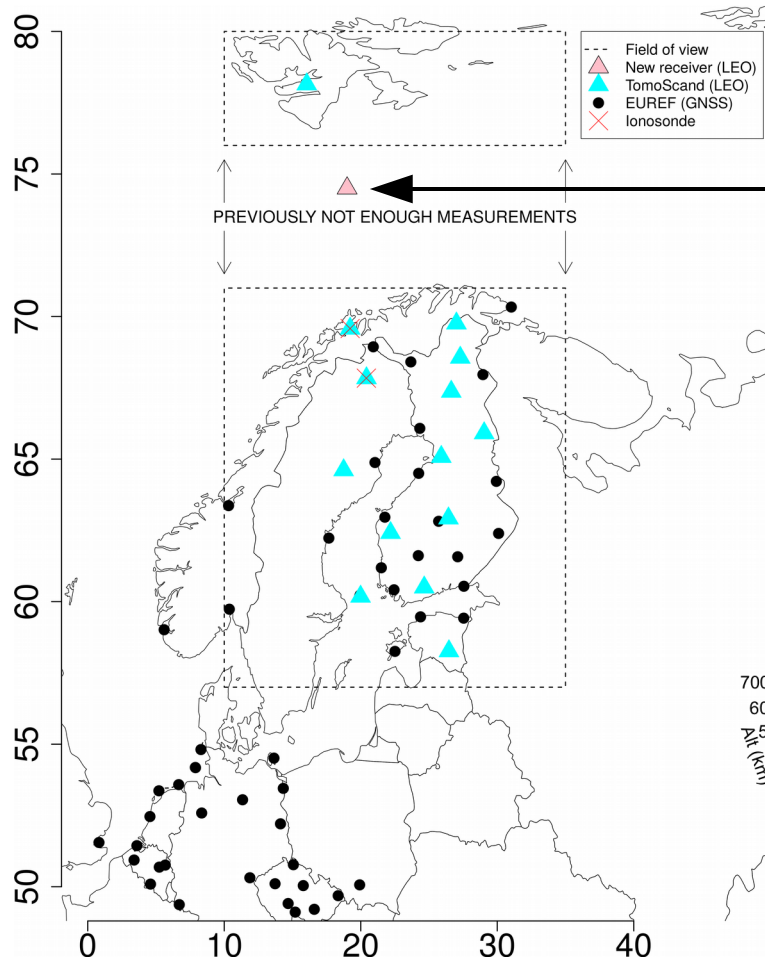
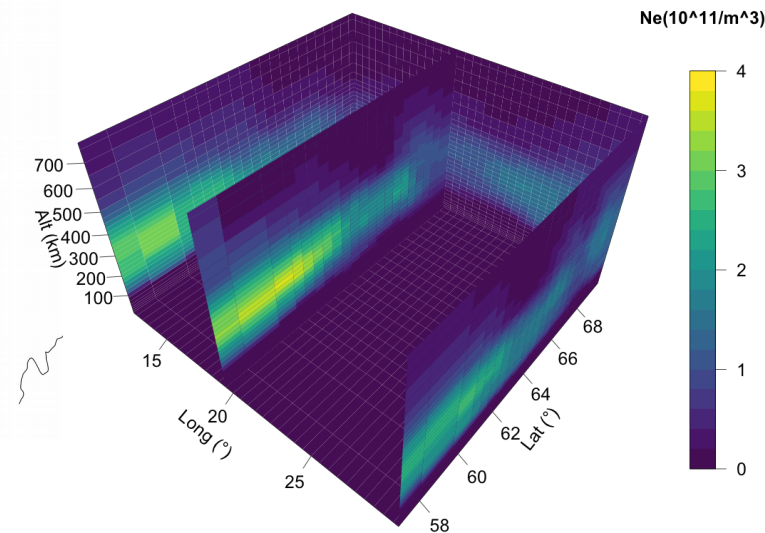


Satellite beacon receiver for ionospheric monitoring in Bjørnøya (TomoBear)



Ionospheric electron density affects the propagation of electromagnetic waves such as GNSS signals

Satellite-to-ground signals can be used to probe the electron density and ionospheric conditions



The Bear Island beacon receiver will provide high elevation measurements from the area between Svalbard and the mainland

Usability of the Svalbard receiver is also increased