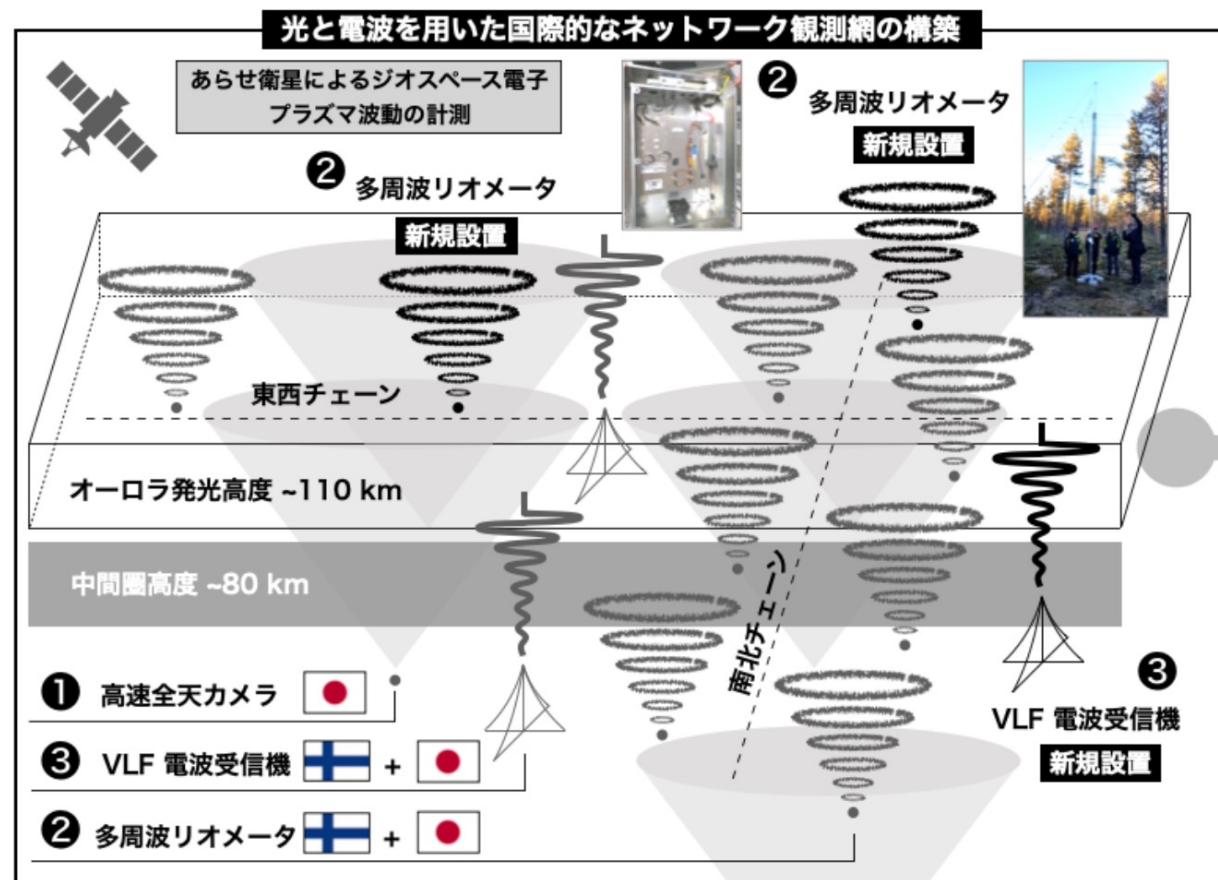


2D visualization of EPP – 5 years funding since FY2021

- Funding category of JSPS: promotion of international collaborative research
- Purpose: visualize the spatial distribution of Energetic Particle Precipitation (EPP)
- Project member:
Lead: Keisuke Hosokawa @ UEC
Shin Oyama @ ISEE, Nagoya U.
Claudia Martinez @ ISEE, Nagoya U.
Yoshimasa Tanaka @ NIPR
Antti Kero @ SGO
- Join the existing network of SGO by deploying
 - 2 spectral riometers
 - 1 VLF receiverin Fennoscandia



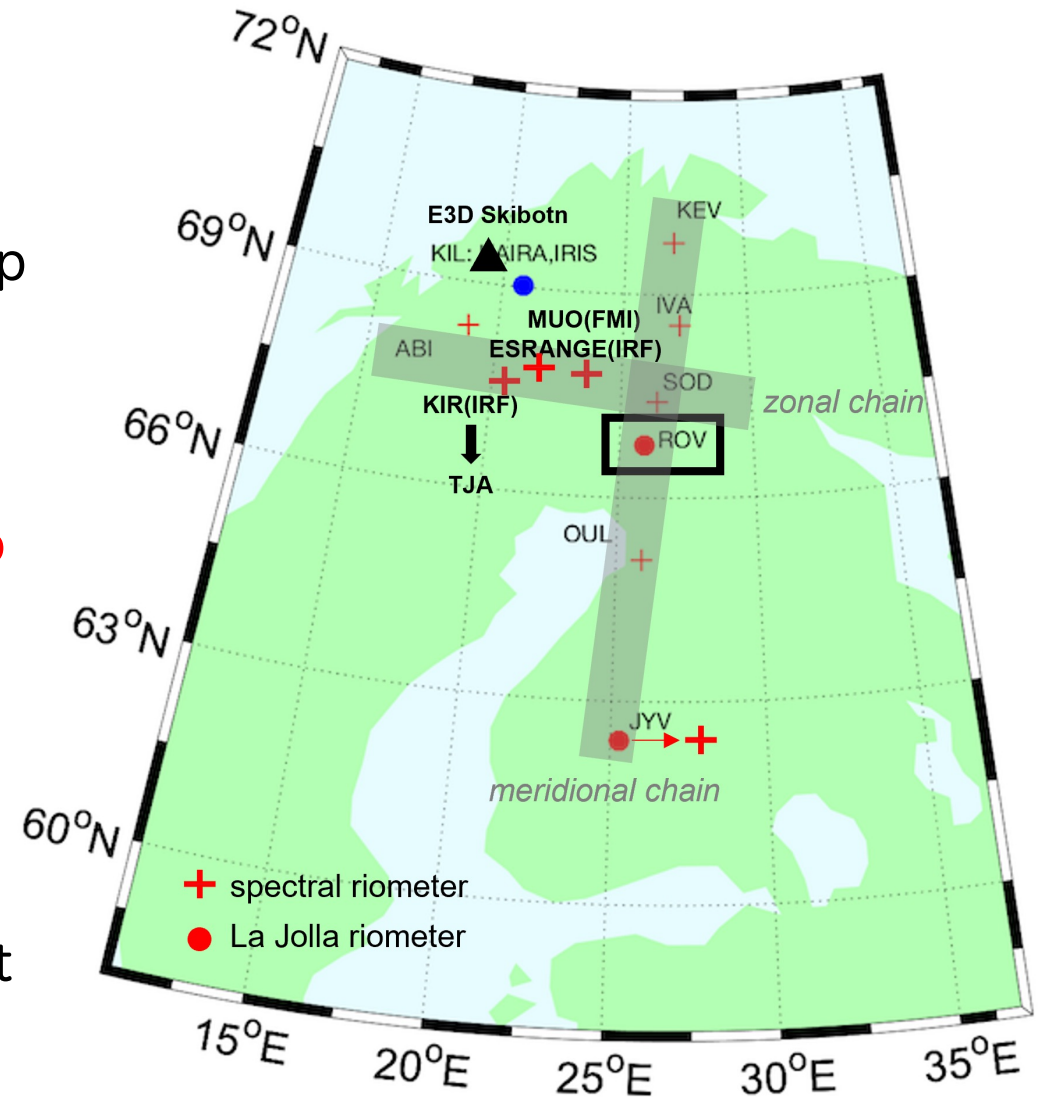
Two riometers + one VLF receiver: possible locations

Two spectral riometers:

- Lead: Shin Oyama with Antti Kero
 - One will go to Rovaniemi (ROV) to fill the existing gap between SOD and OUL
 - The location of the other one is TBD
- Let us discuss with the NOM colleagues where to go

VLF receiver:

- Lead: Claudia Martinez with Jyrki Manninen
- The receiver will go to OUL after noise measurement
- Earliest installation is summer of 2022



Timeline and milestones

- All the three instruments should be operative before the first light of EISCAT_3D

