



Funded by
European Union
Civil Protection



Arctic Radiation Exercise in High North

Bodø, 9 – 11 May 2023

Arctic REIHN scenario

There has been an accident on board a foreign nuclear-powered icebreaker heading south off the coast of northern Norway. The icebreaker has tourists on a cruise to Antarctica, after a visit to the North Pole. In the sea off Bodø, a fire erupts on board the vessel after a small explosion.

The accident has consequences for both sea and land, and leads to pollution across national borders. This will require local, regional and national response, in addition to international assistance, both in the field and in the form of assessments and advice from foreign expertise.

About the exercise

Arctic REIHN is an international EU-funded exercise focusing on preparedness and management of radioactive emissions. Climate change, increased shipping traffic in the High North with nuclear-powered energy sources or radioactive cargo on vessels are factors that increase the risk of this type of accident in the future. Large distances in the north complicate the rescue work.

Why do we practice?

This is an important exercise. In northern Norway, there may be a long distance between rescue and emergency preparedness resources, and in some cases the nearest relevant assistance may be in neighboring countries. Therefore, it is necessary to practice together, get to know each other, find out what works and does not work, so that we are best prepared for a possible real accident.

How will the audience notice the exercise?

The exercise will make its mark on Bodø in the days it takes place. There will be more emergency vehicles and more helicopter traffic to be seen than usual. The Armed Forces is setting up a field clinic and a large reception center for those "injured" will be established by the harbor. The ship, which is central to the exercise, will be close to land and there will be visible smoke. Parts of the scenario will also be practiced in Sørvær and in Fauske municipality.

Who is involved?

Arctic REIHN Partners

- The Norwegian Directorate for Civil Protection (DSB)
- The Norwegian Radiation and Nuclear Safety Authority (DSA)
- The Norwegian Coastal Administration (NCA)
- The Joint Rescue Coordination Centres (JRCC)
- Danish Emergency Management Agency (DEMA)
- Icelandic Radiation Safety Authority (IRSA)
- Swedish Civil Contingencies Agency (MSB)
- National Authority for Emergencies and Civil Protection (ANEPC) - Portugal
- Radiation and Nuclear Safety Authority (STUK) - Finland

Other participants

- National Police Directorate
- Nordland Police District
- Norwegian Civil Defence
- The Norwegian Coast Guard
- Salten Fire department
- The Norwegian Joint Headquarters
- 330 squadron
- County Governor of Nordland
- Bodø municipality
- The Norwegian Directorate of Health
- Oslo University Hospital
- Northern Norway Regional Health Authority
- The Norwegian Food Safety Authority
- Nord University and NORDLAB
- The Norwegian Society for Sea Rescue
- The Norwegian Red Cross
- Dutch EU MIRG-team
- European Civil Protection Team (EUCPT)



Contact information

About Arctic REIHN:

Tor Honningsvåg, DSB

Email: tor.honningsvag@dsb.no

Tel: 922 65 242

For the press:

Lill Haugen, NCA

Email: lill.haugen@kystverket.no

Tel: 47 50 50 60



For more information, visit our website:
www.dsb.no/arctic-reihn

