This partnership has received funding from the European Union's "EURATOM" research and innovation program under the 101061037 grant agreement

PREDICT Dissemination workshop
Second announcement

Improvements in atmospheric dispersion modelling and protective action strategies in case of nuclear detonations

19-20 January 2027, Oslo, Norway

The PREDICT Project, funded under the Horizon-Euratom PIANOFORTE Partnership, aims to enable the major internationally used decision support systems JRODOS and ARGOS and other nationally used atmospheric dispersion and transport codes as well as follow-on foodchain models to simulate and predict consequences due to the fallout of a nuclear detonation in Europe or worldwide. The final goal is the development of recommendations for protective actions together with strategies to disseminate them to the population that are based on the updated simulation models which will be state of the art at the end of the project.

Objectives:

- to disseminate the knowledge acquired and to demonstrate the capability of the developed models, methods, approaches, recommendations and tools,
- to collect feedback from end users and researchers on outputs and remaining research requirements or improvements in models/guidelines etc.

Addressed to:

Actors in emergency preparedness, response and resilience (EPR&R) from all levels and sectors are encouraged to participate in this workshop. Decision makers, advisors, researchers and stakeholders at the various levels (national, regional, local) within the decision-making process and first/emergency responders in the early phase of a nuclear detonation scenario.

Preliminary Programme:

Day 1 – Status-Quo of dispersion models and improvements

- Project Overview
- Scenario-based introduction and motivation
- Parametrisations for dispersion modelling – what literature tells us and what not
- Recommendations for model improvements (dispersion & dose assessment)
- Statistical analysis using nuclear test site data for parameter optimisation
- Interactive discussion & wrap up - way forward in model improvement

Day 2 – Uncertainty assessment and decision making

- What are key drivers in model uncertainty (parameter & weather sensitivity)
- Protective action strategies
- Communication strategies and stakeholder input
- Education and training
- Discussion of project results – what have we learnt, what remains to be done?

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Dates and venue

The dissemination workshop will take place from January 19-20, 2027 at the Oslo Science Park in Oslo, Gaustadalléen 21, Norway. The workshop will start with registration and welcome coffee at 8:00 on January 19 and finish on January 20 around 15:00.
More information on the venue, accommodation and practical tips for Oslo can be found in the Workshop travel guide.

Working language

The working language of the workshop will be English.

Registration and fee

The dissemination workshop will be funded by the Horizon-Euratom PIANOFORTE Partnership PREDICT project and by the Norwegian Radiation and Nuclear Safety Authority (DSA) and thus is free of charge. Participants are expected to cover their own travel and subsistence costs.
While there is no registration fee, workshop participation is limited to a **maximum of 80 participants and registration is required. Please register here** https://nettskjema.no/a/predict-workshop.

Further information

For further information please contact the PREDICT coordinator (Clemens Woda – cwoda@bfs.de) or the local organizers (Erik Berge – erikb@met.no, Yevgeniya Tomkiv - yevgeniya.tomkiv@nmbu.no).
You can also visit the PIANOFORTE-PREDICT (https://pianoforte-partnership.eu/predict) or NERIS web page (www.eu-neris.net).

Important dates

Registration deadline:	December 7, 2026
Dissemination workshop:	January 19-20, 2027