

National Progress Report: Norway

March 31, 2016

Since the 2014 Nuclear Security Summit, Norway has strengthened nuclear security implementation and built up the global nuclear security architecture by...

Strengthening Nuclear and Other Radioactive Material Security

- Norway hosted an IPPAS mission in October 2015, in line with our support to IAEA Information Circular (INFCIRC) 869. The mission recommended that Norway should:
 - Ensuring effective financial and legal independence of the regulatory authority;
 - review its regulations on physical protection, incorporating input from the IPPAS mission;
 - strengthen national measures against insider threats;
 - strengthen measures against cyber threats;
 - improve coordination between different authorities with particular emphasis on threat assessments and response.
- Norway has increased its cooperation with Ukraine on nuclear safety and security, including the following measures:
 - A Norwegian–Swedish–Ukrainian initiative on improving nuclear safety and security in Ukraine was launched at NSS 2014.
 - Bilateral regulatory cooperation with Ukraine has been enhanced. This includes establishing an overview of regulatory challenges to improved nuclear safety.
 - Cooperation with the US has been entered into on projects in Ukraine to counter illicit trafficking of nuclear and other radioactive materials.
 - *In 2016, Norway will host an international meeting for closer coordination of efforts to improve nuclear safety and security in Ukraine.*
- Norway has been engaged in several projects over the last two decades on securing the nuclear legacy from the Cold War and other radioactive material in north-western Russia.
 - We are currently supporting activities aimed at securing nuclear material at the former military base in Andreeva Bay and at Atomflot in Murmansk

Minimizing Nuclear and other Radioactive Materials

- Norway launched a Gift Basket at the 2016 Nuclear Security Summit on *Minimising and Eliminating the Use of Highly Enriched Uranium in Civilian Applications*. A follow up International Conference will be organised in 2018.
- Norway has replaced all Cs-137 Category 1 radioactive sources with X-ray technology.
- *In 2016, Norway will host an International meeting on minimisation of stocks of highly enriched uranium in a uranium-thorium mixture.*

Countering Nuclear Smuggling

Norway has:

- contributed to improved border monitoring in Ukraine by installing additional border monitoring portals, in partnership with the US;
- helped to improve Ukrainian border guard capabilities in handling nuclear smuggling incidents;
- contributed to training activities in searching for and securing radioactive sources for relevant Ukrainian authorities, in partnership with the US;
- initiated a collaborative project with Slovakia, on improved border control against nuclear smuggling.

Supporting Multilateral Instruments

Norway has:

- signed and ratified the amended Convention on the Physical Protection of Nuclear Materials and Facilities (CPPNM);
- adopted the Code of Conduct on the Safety and Security of Radioactive Sources including its supplementary guidance document;
- signed and ratified the International Convention on the Suppression of Acts of Nuclear Terrorism;
- promoted additional measures for material transparency, control and production cut-off, and early start and conclusion of negotiations on a Fissile Material Cut-Off Treaty (FMCT).

Collaborating with International Organizations and Initiatives

- Norway has contributed approx. USD 5 mill. to the IAEA Nuclear Security Fund since the first summit.
- Norway participates in the IAEA Nuclear Security Guidance Committee.
- Norway is an active member of the G7 Global Partnership.
- Norway participates in the Global Initiative to Combat Nuclear Terrorism.
- Norway has reported on implementation of UNSC resolution 1540.

Partnering with External Stakeholders

- In January 2016, Norway hosted a WINS workshop, in collaboration with the US, on the implementation of the *2014 Gift Basket on Enhancing Radiological Security*.