

[Nuclear Emergency Training for the Netherlands Ministry of Security and Justice](#)

Hotzone Solutions conducted its first Nuclear Emergency Training (NET) for customers at the International Chernobyl Centre which includes the exclusion zone of Chernobyl Nuclear Power Plant (ChNPP), Ukraine, for representatives of the Netherlands Ministry of Security and Justice in mid-October 2012.

The course consisted of the following elements:

- Introduction to the International Chernobyl Centre (IChC) in Slavutych;
- Radiation theory and an overview of the different types of nuclear reactors;
- Chernobyl and Fukushima incident analysis and their consequences;
- Chernobyl clean-up operations; and
- Overview of the Chernobyl Exclusion zone and Radiation Safety.



Lectures were conducted in the detection of radioactive sources, protection against radiation, personal protective equipment (PPE), and decontamination measures. Practical training was conducted with closed and open radioactive sources and included visits and tasks within the exclusion zone of the ChNPP.

The visits to the Exclusion Zone (Site tour) included the following areas:

- Chernobyl Power Plant NPP Visitors Centre,
- City of Pripyat,
- Fire Fighting Unit of the ChNPP including a presentation on their equipment

- Town of Chernobyl.

Practical training within the Chernobyl Exclusion Zone included detection and identification of radionuclides on the territory contaminated by (Cs^{137} , Sr^{90} , Pu^{239} , U^{235} , U^{238} , Ra^{226} and others) radionuclides, sampling of contaminated soil and vegetation and protective measures.

The training programme included individual skills and operational squad level first responder tasks in a contaminated zone.

