

**Country:** Australia

**Committee:** IAEA (International Atomic Energy Agency)

**Agenda Item:** Technology and Infrastructure for Prevention, Detection and Responses Regarding Nuclear Security



Australia, one of the world's leading uranium suppliers, plays an important role in nuclear security. Dedicated to the peaceful use of nuclear energy, we work with the International Atomic Energy Agency to avoid nuclear threats, state illegal activities, and react quickly to incidents by improving technology and infrastructure.

We invest in technologies like radiation detection systems and security cameras to prevent unlawful trafficking and protect the facilities. We also build infrastructure that fulfills global standards for the safe storage and transport of nuclear materials, using real-time tracking to maintain their security.

The international cooperation upon this topic is crucial. We work closely with the IAEA to set and enforce global nuclear security standards and strengthen partnerships through information-sharing and joint exercises. In case of a breach, we are ready to respond quickly with tools like our brand new members AI and drones.

We face challenges like nuclear terrorism, illicit trafficking, and cybersecurity risks. To address them, we're improving cybersecurity and fostering stronger international cooperation. We also support training programs for nuclear security personnel to ensure effective reactions.

Australia is committed to improving global nuclear security. Through investments in technology, better infrastructure, and international collaboration, we aim to ensure nuclear materials are used safely and responsibly worldwide.

#### **Bibliography**

<https://en.wikipedia.org/wiki/Australia>

<https://www.britannica.com/place/Australia>