

Session 2.5

Building National Capabilities for Managing Nuclear Power Programmes: Case of the United Arab Emirates

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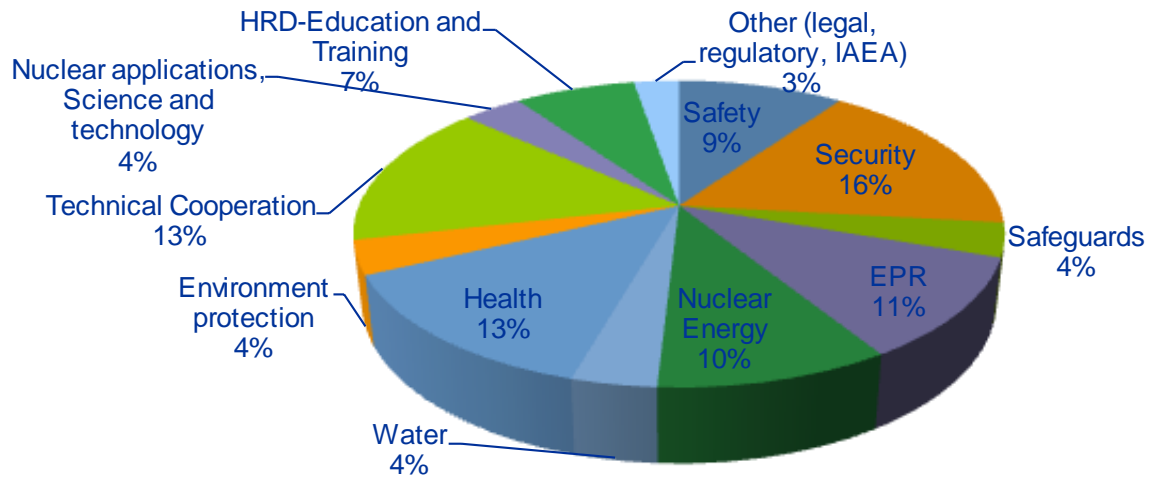
Development Context and Challenges:

Energy security through electricity generation

IAEA Contribution:

- **TC support** since 1976: 15 projects related to the national nuclear power programme
 - 7 projects supporting nuclear energy planning, feasibility studies, and the development of a nuclear power programme (infrastructure, HRD)
 - 8 projects supporting specific NPP infrastructural issues; such as nuclear safety, radioactive waste and EPR
- **Integrated Work Plan** for NPP 2013-2017
- **Country Programme Framework (CPF)**

Thematic areas of UAE-IAEA cooperation in 2016



Achievements through the UAE-IAEA partnership:

- Fulfilling nuclear policy principles; highest standards of **safety, security** and **non-proliferation**
- Development of required nuclear infrastructure
 - Robust **regulatory** framework
 - **Operator/Owner** capable of meeting its strategic goals; timely and safe project delivery, operation readiness, capacity building
 - **Nuclear emergency preparedness** and response plans in place (national and regional)
 - Fulfilling **international obligations** and adherence to best practices
- Solid base of **Emirati workforce** for the nuclear industry, including women





Way Forward...

“We will continue to work very closely with the UAE as we complete all four units at Barakah, and throughout the operating life of the facility and beyond” Yukiya Amano, IAEA Director General.

- Continuous collaboration throughout commissioning and operation of the four NPPs at Barakah
- Maintaining high standards of nuclear safety, security and non-proliferation
- Sustaining robust environmental monitoring programme, radioactive waste management, preparedness and response plans for nuclear and radiological emergencies
- Sustaining capacity building programmes
- **Sharing the ‘UAE model’ experience and expertise**





Thank you!