

Global Cooperation in Radiation Protection - case Saudi Arabia 14.6.2019 NSFS



STUK
INTERNATIONAL

Cooperation with KSA

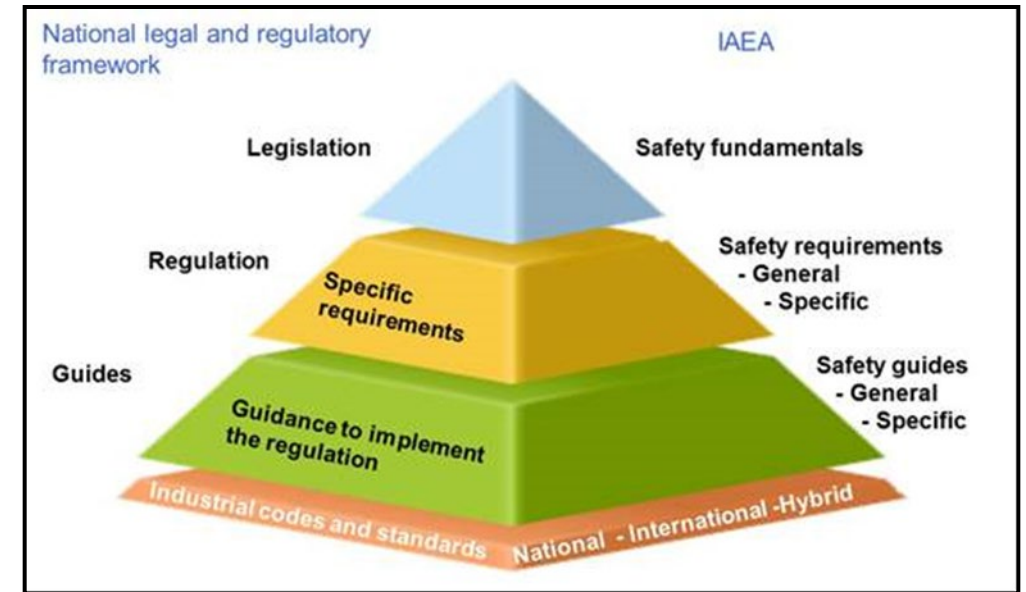
- STUK has provided assistance on establishment of a radiation and nuclear safety authority in the Kingdom of Saudi Arabia (KSA).
- The cooperation started 2014.
- Summer 2017 cooperation was organized via STUK International Ltd.



STUK
INTERNATIONAL

Areas of Cooperation

- Establish the regulatory body
 - legislation + organization and its main functions
- Nuclear and Radiation safety regulations and regulatory guides
- Nuclear Safety, security and safeguards
- Radiation Safety (Radiation Practices, Environmental Monitoring, Emergency Preparedness)
- Waste Safety
- Management System, Communications & Administration and Support Functions



Areas of Cooperation

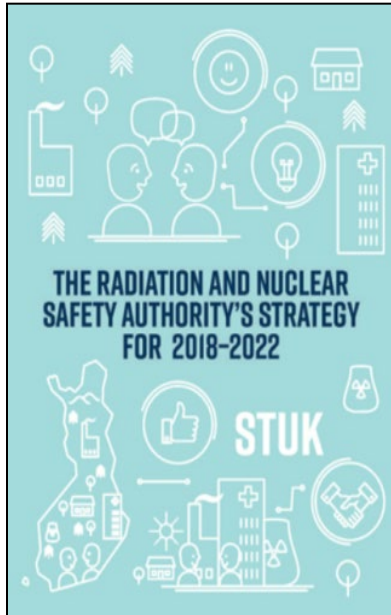
SARA-NR-09	Radiation Protection and Radiation Safety at Nuclear Facility	SSR-2/1 SSR-2/2. GSR Part 3
SARA-NR-10	Nuclear Security	NSS No. 20, NSS No.13, INFCIRC/274
SARA-NR-11	Nuclear Safeguards	INFCIRC/140, INFCIRC/746
SARA-NR-12	Nuclear Waste and Spent Fuel Management	GSR Part 5, SSR-5, SSG-14. SSG-23. NW-G-1.1
SARA-NR-13	Emergency Arrangements at Nuclear Facilities	GSR Part 7, SSR- 2/1. SSR-2/1,
SARA-NR-14	Transportation of Radioactive and Nuclear Materials	SSR-6
SARA-RR-01	General Radiation Safety Regulation	GSR Part 3, GSR Part 4, GSR Part 7



STUK
INTERNATIONAL

Reasoning for STUK

Provision of expert services is a part of STUK's new strategy as international assignments and service projects increase the competence of the STUK experts.



THE RADIATION AND NUCLEAR SAFETY AUTHORITY'S STRATEGY FOR 2018-2022

STUK

2. ABILITY TO UNDERSTAND COMPLEX ENTITIES

High-quality radiation and nuclear safety expertise lies at the core of STUK's competence. We need to have competence that is sufficiently in-depth but at the same time comprehensive and that encompasses complex entities. In this way, we succeed in targeting oversight in a risk-informed manner, communicating risks, ensuring the safety of people and the environment and securing society's ability to function in radiation hazard situations. International assignments and service projects increase our competence. STUK and its specialists are highly sought-after experts for international assignments and service projects.

STUK vs. STUK International

STUK's (Radiation and Nuclear Safety Authority) mission is to ensure radiation and nuclear safety **in Finland**. STUK is an active contributing member in the international working groups of the IAEA, WENRA, OECD, NEA, ENSREG, etc.

***STUK
International -
provides
expert services***

STUK International Ltd. (100% state owned) will **provide expert services** to promote safety in the use of nuclear energy and radiation. It will be operating globally **BUT not in Finland**.

***Utilization of
STUK resources
via STUK
International***



**STUK
INTERNATIONAL**

A long-exposure photograph of a city street at night. The image shows light trails from cars and a tram moving along a road. In the background, there are several tall, modern skyscrapers with lit windows. The overall color palette is dominated by blues and purples from the night sky and city lights, with some warmer tones from the streetlights and building lights.

Thank you

For more information

Pekka Ottavainen
CEO, STUK International Ltd.
Laippatie 4, 00880 HELSINKI
pekka.ottavainen@stukinternational.fi
+358 400 261 097

www.stukinternational.fi



STUK
INTERNATIONAL