



Implementation of Amendment to the Convention on the Physical Protection of Nuclear Material and Nuclear Facilities in Ukraine: Lessons Learned

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CONDITIONALLY. STAGES OF THE CONCLUSION OF AN INTERNATIONAL DOCUMENT

SIGNING - the stage of conclusion of an international agreement, or **the form of the consent of the country to be binding on it** for an international treaty in cases stipulated by an international agreement or other agreement of the parties

RATIFICATION (Latin "ratus"- "approval"+"facere" – "to do") - **final approval** of the international agreement by the supreme body **of the State** or its head

IMPLEMENTATION (Latin "impleo"- "fill", "execute") – a set of purposeful organizational, legal and **institutional measures carried out by the States** individually, collectively or within the framework of international organizations and **aimed at the execution of their international legal obligations**

Steps forward

Year	Document
1993	Convention on Physical Protection of Nuclear Material
2000	Law on Physical Protection of Nuclear Facility, Nuclear Material, Radioactive Waste, Other Sources of Ionising Radiation
2005	Signing of Amendment to Convention on CPPNM
2008	Ratification of Amendment to Convention on CPPNM
2009	Implementation of Amendment to Convention on CPPNM Into Laws of Ukraine on Physical Protection and Use of Nuclear Energy

Main changes



- Stronger role of Competent Authority / Regulatory Body
- Identifying of Responsibility for Conducting of PP regime



- Sabotage
- State System of Physical Protection



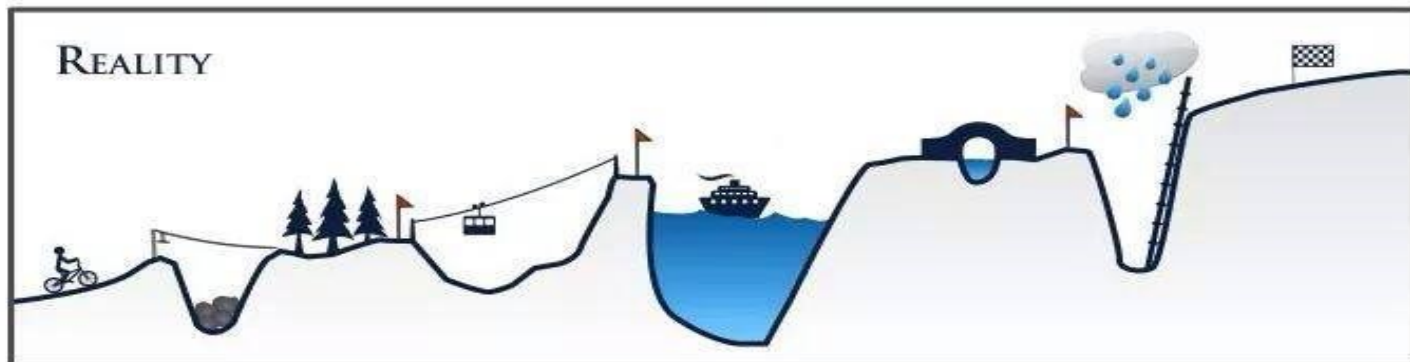
- Design Basis Threat
- Nuclear Security Culture



- Quality System
- Contingence Plan

Lessons learned

Expectations never met with reality.
Changes take place gradually.



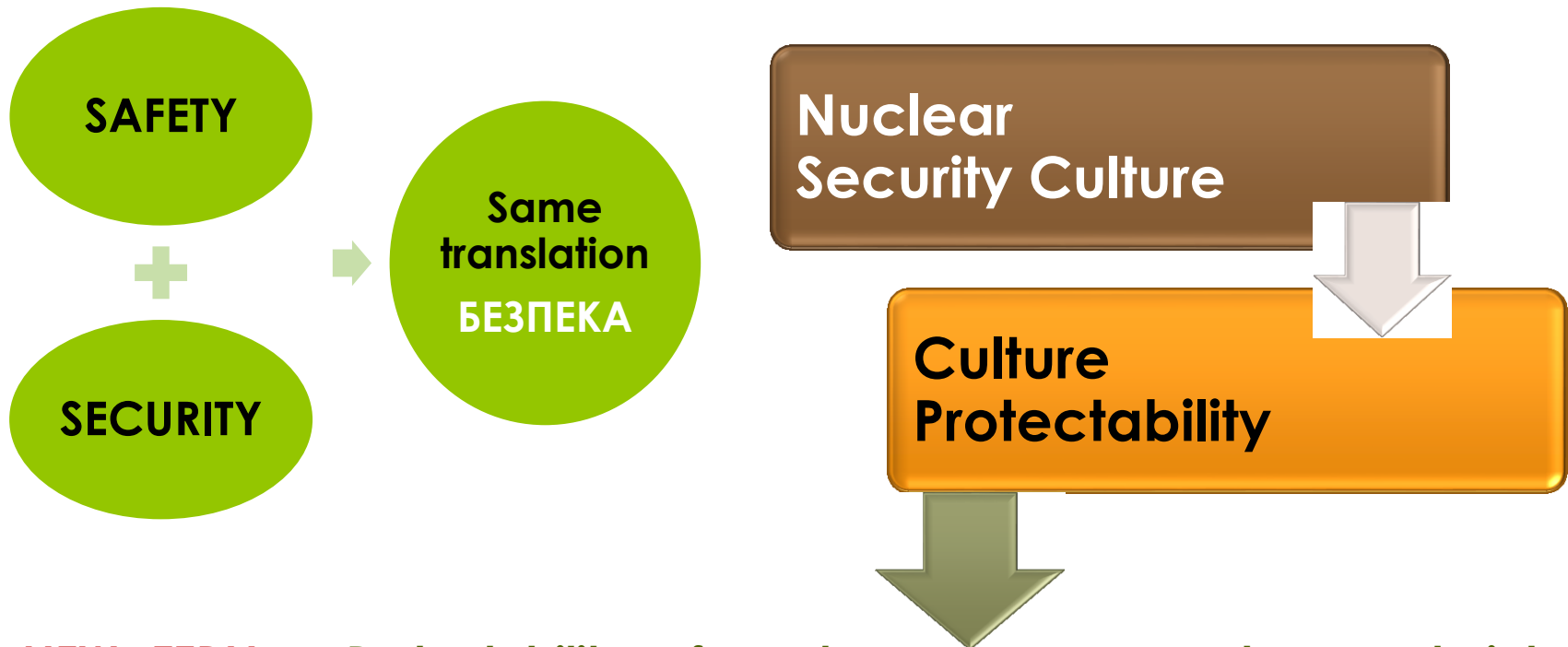
Lessons learned (cont.)

Importance of support and interest of the senior leaders of the State



Lessons learned (cont.)

Challenge: translation and terminology



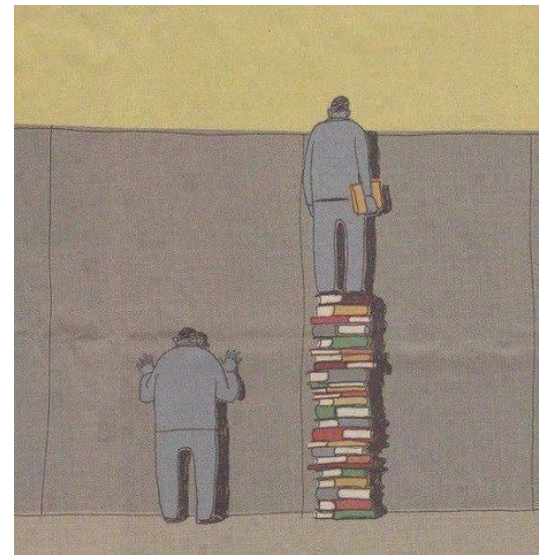
NEW TERM: Protectability of nuclear facilities, nuclear material, radioactive waste or other sources of ionising radiation means correspondence of the level of physical protection of nuclear facilities, nuclear material, radioactive waste and other sources of ionising radiation with applicable laws

Lessons learned (cont.)

**If you need assistance ask for it.
Shared experience is very valuable.**

**IAEA provides assistance to
the States on their requests.**

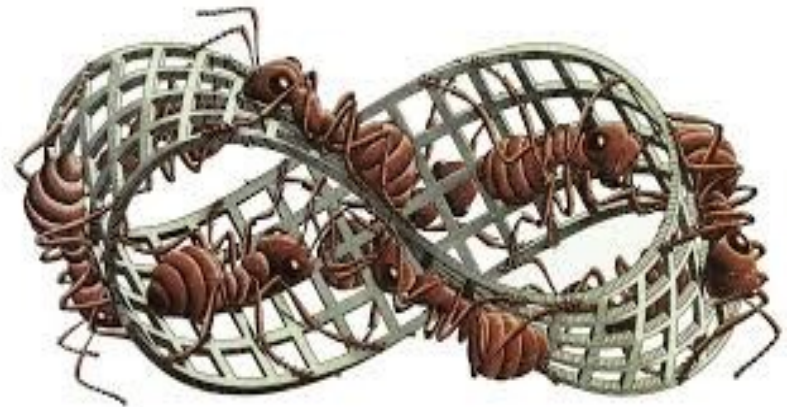
**For example Ukraine hosts 5
IPPAS missions, which were
very beneficial in all stages of
creation State physical
protection regime.**



Open new horizons of knowledge

Main principle

The legislative process cannot stop. Legislation must constantly reviewed and improved



Butterfly effect



*Recalling also that the statement underlined the need for all member states
peacefully in accordance with the Charter to solve any problems*

Resolution 1540 (2004)

Summary:

The implementation of the Amendment to CPPNM surely gave Ukraine a number of advantages.

- the enhancement of the national security
- the strengthening of the national physical protection regime





Thank you for your attention!