



**IAEA**

International Atomic Energy Agency  
*Atoms for Peace and Development*

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# *Radiation and Nuclear Safety*

Harmonized and Integrated approach for  
Agency's Assistance to Member States in  
Nuclear and Radiation Safety

# STATUTE

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## Background

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Mandate of the IAEA:

1. Establish or adopt standards for safety which provide the fundamental principles, requirements and recommendations to ensure radiation, nuclear, waste and nuclear safety as well as emergency preparedness and response; and
2. Provide for the application of the safety standards in Member States

The IAEA is providing considerable technical assistance and support to Member States in establishing / maintaining their national infrastructure for safety in line with its safety standards through various programmes and projects.

# Background (2)



Nuclear Safety review reports (2015/16/17/18) have consistently highlighted that :



“**75-80%** of IAEA Member States (MS) benefiting from IAEA’s technical assistance still need further support to have an national regulatory infrastructure consistent with the Agency’s Safety Standards”



Therefore there is an **urgent need** to review the Agency’s approach and the associated procedures being used for the provision of its assistance to MS in safety.



Nuclear Safety  
Review 2019

# The CPS Objective

The objective of the new approach is to provide consistent, coherent and result oriented assistance to MS following **one house approach** for establishing and/or strengthening their national infrastructure in nuclear, radiation, transport, waste safety and emergency preparedness and response in line with IAEA Standards using the resources available from the **regular budget, extrabudgetary and technical cooperation funds.**

# CPS concept



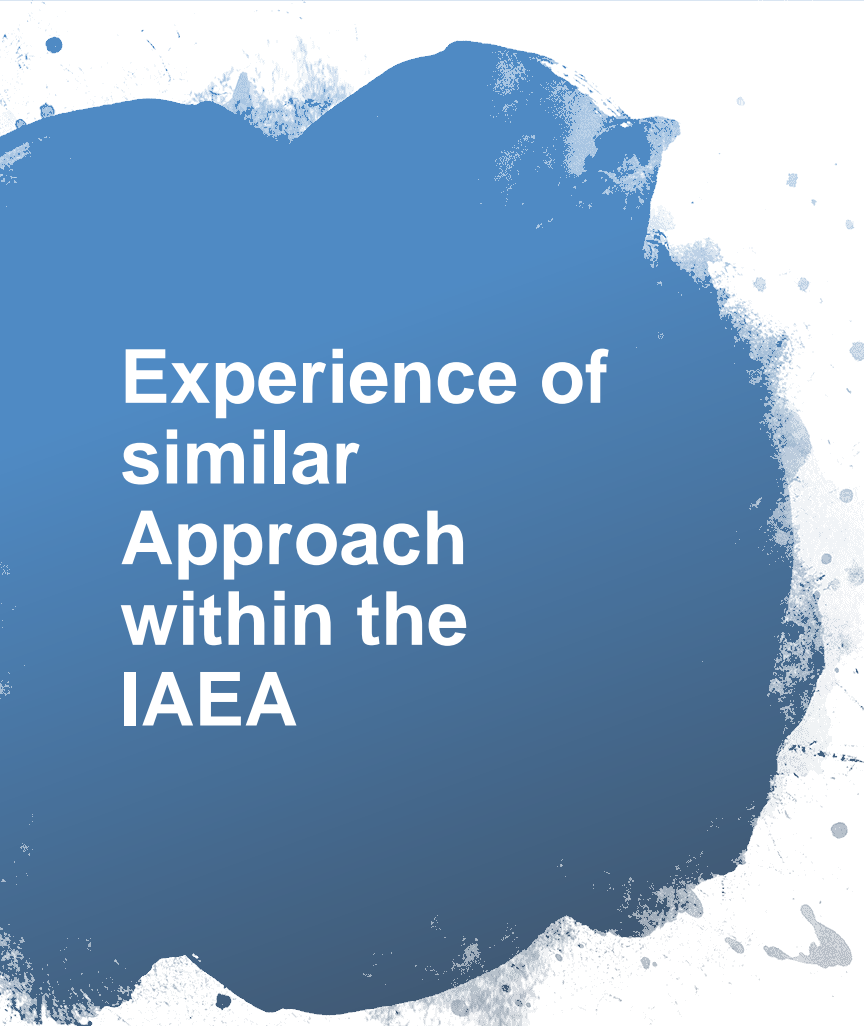
Under this new harmonized and integrated approach (initiated by DDGs NS and TC), a **Consolidated Plan for Safety (CPS)** covering all inter-dependent areas relating to nuclear, radiation, transport, waste safety and emergency preparedness and response



CPS will be developed based of the **NEEDS/ANALYSIS** of MSs, and will include tasks identifying the responsibility of the different stakeholders in Member States and tasks that are of the responsibility of the Agency, with an agreeable timetable.



the CPS will include all activities funded by the agency either by **RB**, **EB** or **TC** for its implementation.



# Experience of similar Approach within the IAEA

The CPS is taking into account the experience and the lessons learned from:

- Integrated Nuclear Security Support Plans (INSSP)
- Integrated Work Plan (IWP) for embarking countries



# The process

- Internal **Core Team**, in consultation with the designated **CPS National Coordinator**
  - will develop the CPS for 2019-2021.
  - Monitor progress and possible improvements
- The NS-TC Task Force
  - will endorse and exercise overall monitoring of the all the CPSs under implementation
  - may imitate a review and revision of the CPS once completed

# Grouping of the countries



**Countries without an effective Radiation Safety Regulator**

Priority will be given to assisting these countries to establish a Law, Regulations, a regulatory body and competent regulatory staff and Foster high-level political commitment.



**Countries with an effective Radiation Safety Regulator and without concrete plans to embark on NPPs**

Priority will be given to assisting these countries to build their infrastructure for radiation safety and for protecting patients, workers and the public.



**Embarking” Countries having decided to pursue NPPs or strong declared ambitions for NPPs**

Priority will be given to assist these countries to build upon their radiation safety infrastructure and to establish all aspects of their nuclear safety infrastructure



**Countries with NPPs**

This group of countries will already have a mature infrastructure for radiation and nuclear safety, and priority is more focused on peer-review missions.



# CPS structure

Radiation  
Nuclear  
Waste  
Transport  
EPR

- National framework for safety
- Global Safety Regime
- Regulatory Infrastructure
- Occupational Radiation Protection
- Radiation Protection in Medical Exposure
- Public and Environmental Radiation Protection, Radioactive Waste Management, Spent Fuel Management and Decommissioning
- Education and Training
- Transport Safety
- Emergency Preparedness and Response
- Nuclear Installation Safety

# CPS- the way forward



**First phase Q4 2019**



**Extended** to All MS  
receiving IAEA 's assistance  
in safety



CPS to be implemented in  
accordance with **IAEA**  
**established**  
**procedure and**  
**processes**



CPS will be instrumental for  
monitoring the **progress**  
**and continuous**  
**improvement** of safety  
infrastructure in Member  
States



**IAEA**

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*Thank you!*

