

**THE STATUS OF AVAILABLE RADIATION PROTECTION TRAINING  
THROUGH THE IAEA AND  
THE SUPPORT IAEA PROVIDES TO MEMBER STATES:  
DEVELOPING AN EDUCATION AND TRAINING STRATEGY FOR THE COUNTRY**

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**IAEA**  
International Atomic Energy Agency

# Outline

## IAEA's mission and safety functions

- *Role of Education and Training (E&T)*

## IAEA's support to Member States in the field of E&T

- *The concept of the National Strategy for E&T*

## Member States' status and achievements in the field of E&T

- *Compliance with IAEA Safety Standards (training of workers)*

# IAEA Safety functions

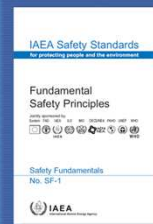
*IAEA Functions in  
Radiation & Waste Safety  
(Article III.A.6)*

To establish  
standards of  
safety

To provide for  
the application of  
the standards

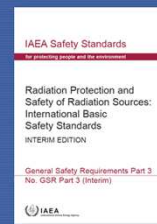
## Safety Fundamentals

*Principles*



## Safety Requirements

*"Shall"*

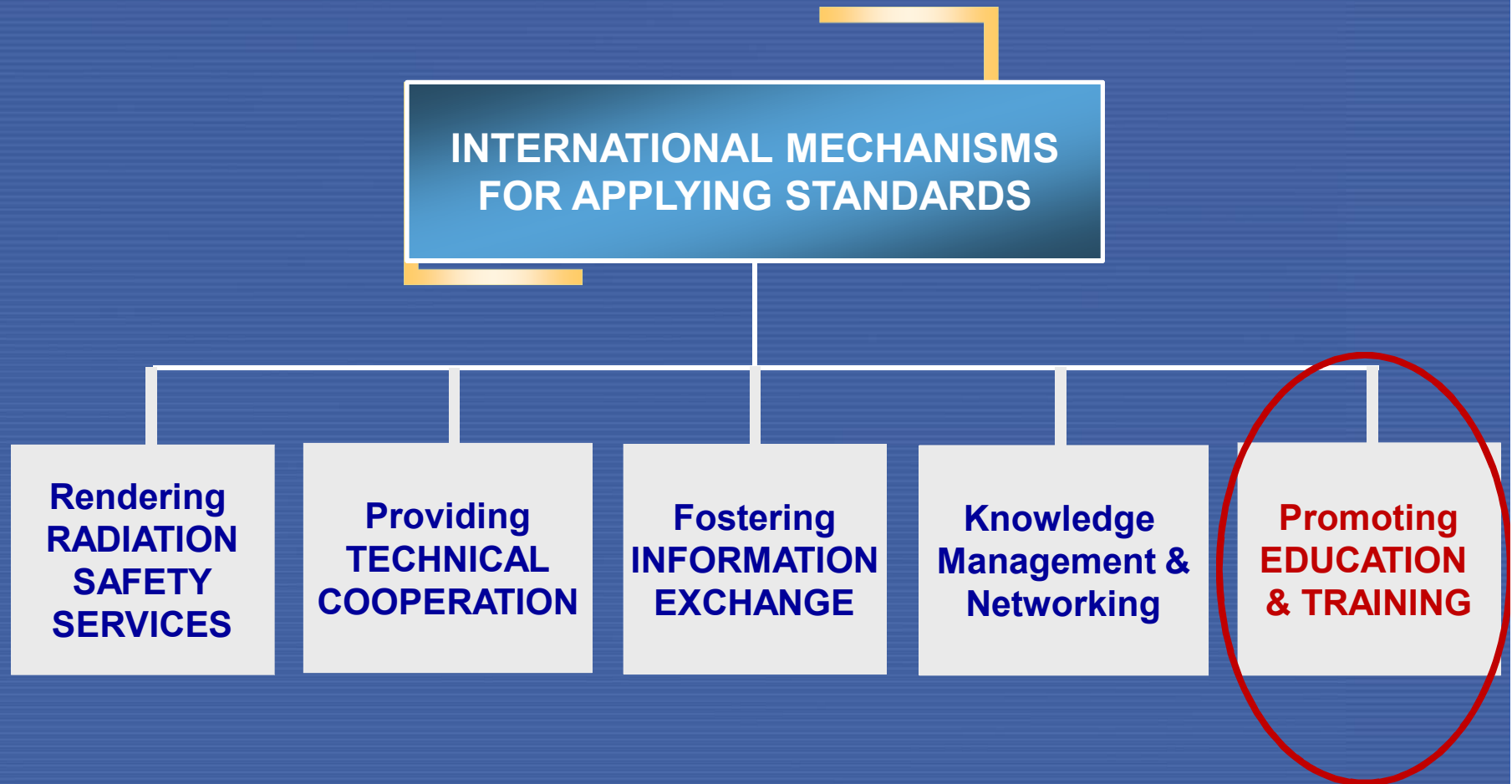


## Safety Guides

*"Should"*



# IAEA Safety functions



## *Education and Training*

*is one of the mechanisms for assisting Member States  
in the application of the standards*

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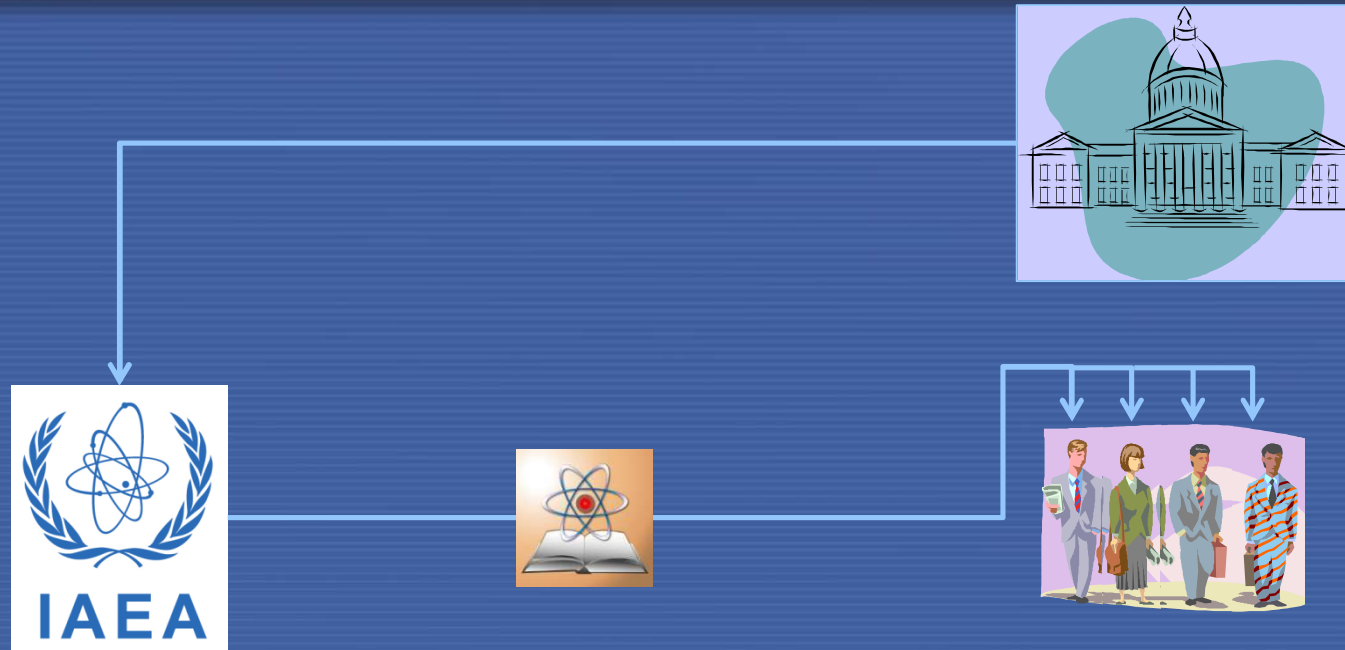
- *The concept of the National Strategy for E&T*

## Member States' status and achievements in the field of E&T

- *Compliance with IAEA Safety Standards (training of workers)*

# IAEA SUPPORT TO MSs

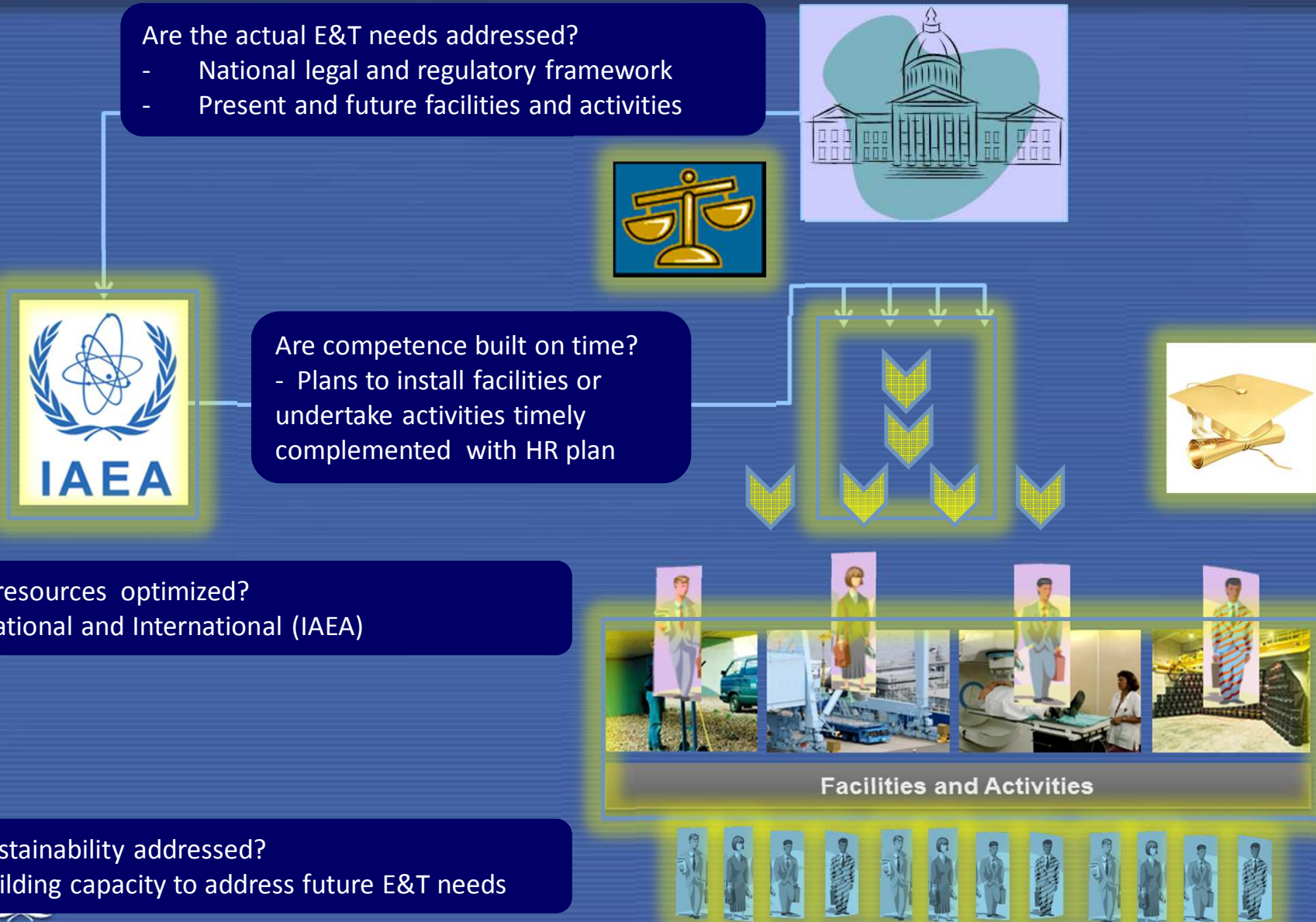
*“Conventional”*



Facilities and Activities

# IAEA SUPPORT TO MSs

*“Conventional”*



# IAEA SUPPORT TO MSs

*“Sustainable”*



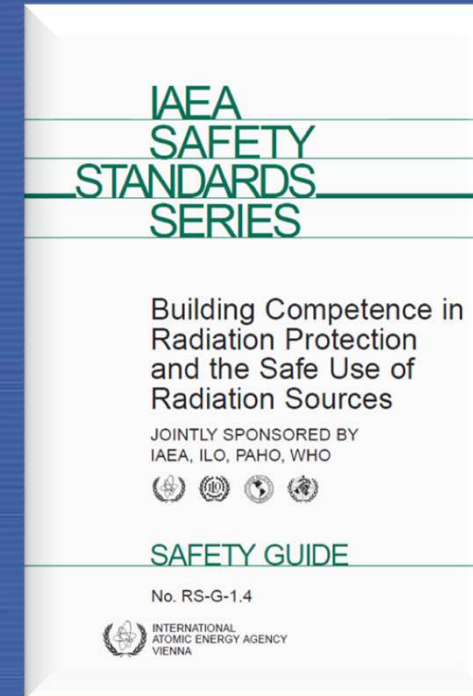
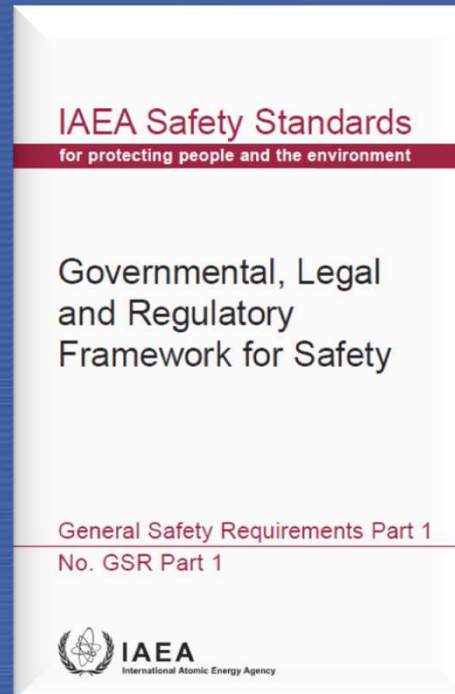


# IAEA SUPPORT TO MSs

*“Sustainable”*

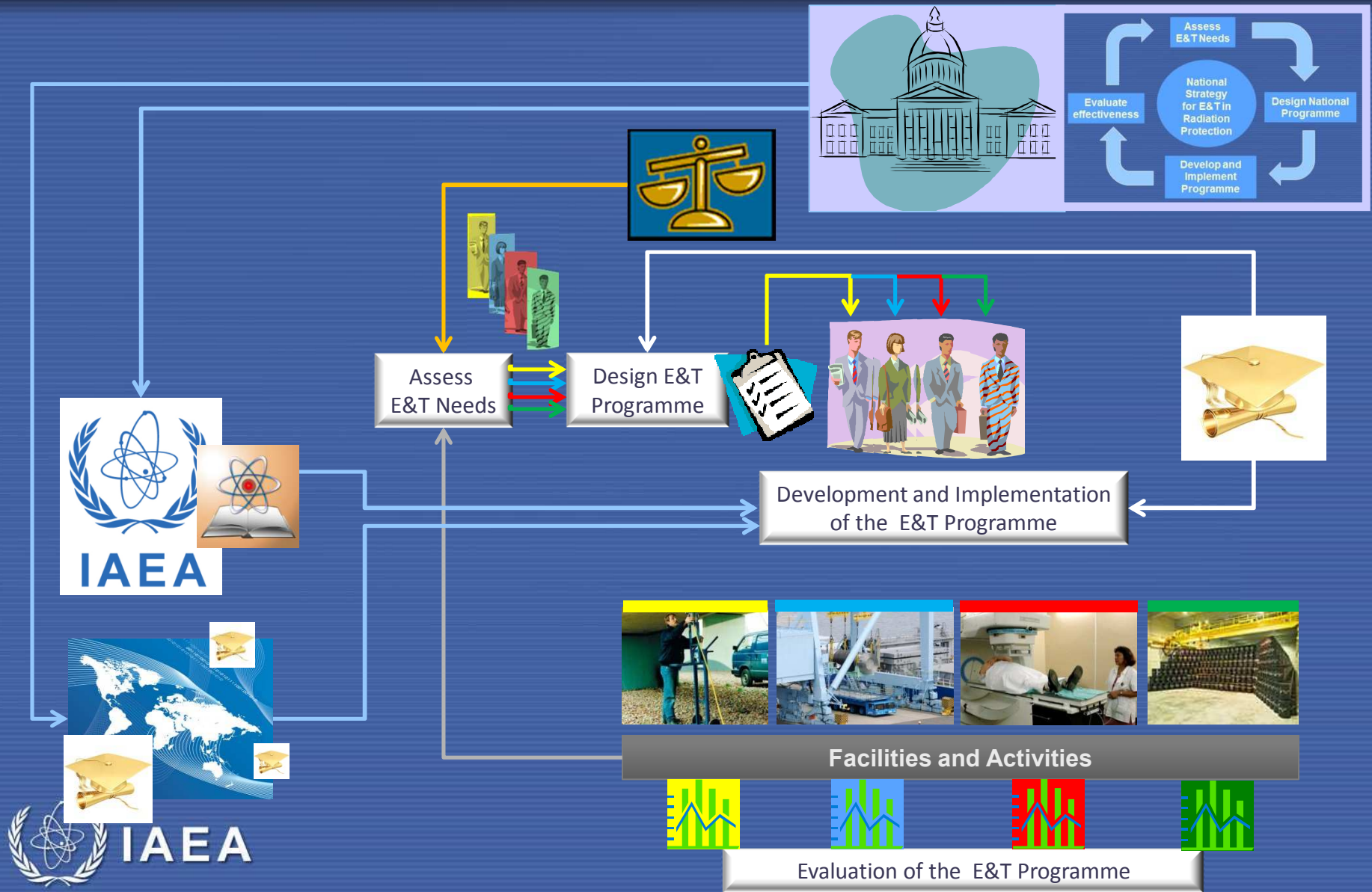


General  
Conference  
Resolutions



# IAEA SUPPORT TO MSs

*"Sustainable"*

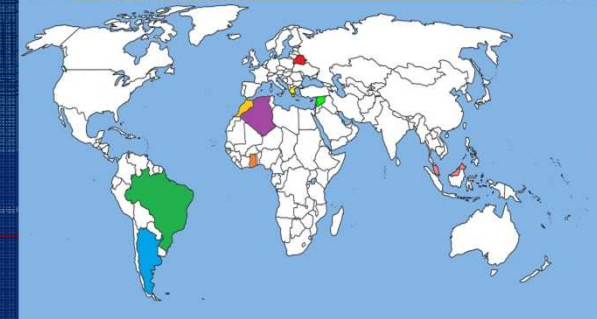


# IAEA S

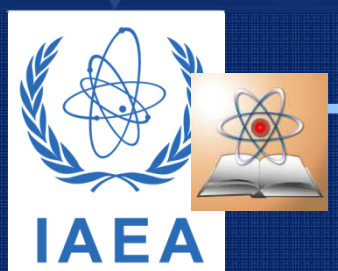
# MSs

The screenshot shows the IAEA website's 'Educational and training material' section. It features a navigation menu on the left with categories like 'Nuclear Safety & Security', 'Technical Areas', and 'Education & Training'. The main content area highlights the 'Post-Graduate Educational Course in Radiation Protection' and 'Specialized Training Courses'. A 'Resources' sidebar on the right lists 'IAEA Publications on Training' and 'Specialized training courses'.

The image shows the cover of a 'Safety Reports Series' report. The title is 'A Methodology for Establishing a National Strategy for Education & Training in Radiation, Transport & Waste'. A green box in the top right corner indicates the report is a 'DRAFT'. The background features a stylized globe and technical diagrams.



<http://goto.iaea.org/rtws-E&T-material>



Assess E&T Needs → Design E&T Programme

19 Regional workshops  
> 300 participants - 90 Member States

Development and Implementation of the E&T Programme

Evaluation of the E&T Programme



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# MSs' status and achievements

**IAEA** International Atomic Energy Agency

**RASIMS** Radiation Safety Information Management System

Home Region **Country** TSA Source of Information Report Safety Standards & Feedback Search Help Admin Settings

Overview

Region: [dropdown]

Country: [dropdown]

Thematic Safety Area: TSA6 - Education and Training in Radiological Protection

OK

>> Greece - Country Summary  
>> Europe TSA6 - Region Profile  
>> Europe - Region Summary  
>> TSA6 - TSA Summary

TSA6 - Education and Training in Radiological Protection

Revision Official Pro

W PDF

1 - National Requirements and Infrastructures

Findings:

1. National Requirements and Infrastructures

1.1 Establishment of National Requirements and Infrastructures

1.1.1 Describe any national requirements and competence in place to protect and safety

Description of requirements/guidance	Reference document & paragraph no. (e.g.: Law, regulations, decree etc)
<p>1.1.1.1 Describe any national requirements and competence in place to protect and safety</p>	Radiation Protection Regulations (paragraph 1.1.4.6)
<p>1.1.1.2 Describe any national requirements and competence in place to protect and safety</p>	Radiation Protection Regulations (paragraph 1.5.3.3)
<p>1.1.2 Radiation Protection Officers<sup>2</sup> - Non-medical applications</p>	
<p>Education</p>	Radiation Protection Regulations (paragraph 1.1.7.1.4)
<p>Training</p>	
<p>Qualification</p>	
<p>Competence</p>	

Performance Indicator

3 - Appraisal criteria fully met  
2 - Appraisal criteria partially met  
1 - Appraisal criteria is not met but actions undertaken

TSA Elements

1 2 3 4 5 6 7 8

IAEA

**National Requirements and Infrastructures**

- Legal and regulatory framework for E&T
- National Strategy for E&T

**Level of compliance**

“3”: full compliance  
“2”: partial compliance  
“1”: no compliance but actions taken  
“0”: no compliance.

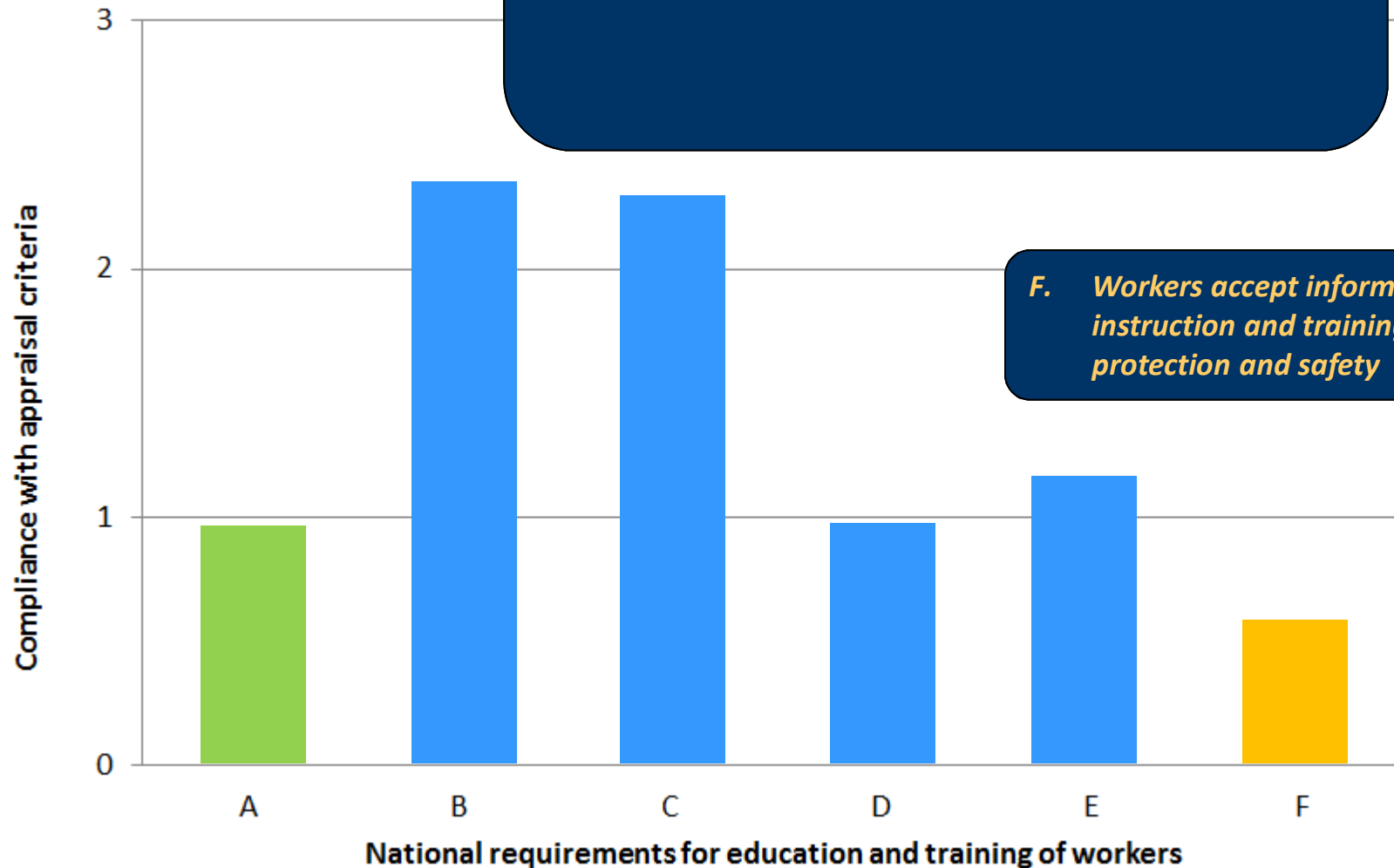


# MSs' status and achievements

Average on 46  
Member  
States

**A. General requirements for E&T of all personnel (including workers)**

**B. Employers/registrants/licensees ensure that all personnel have the appropriate E&T**  
**C. Employers/registrants/licensees provide appropriate training to occupationally exposed persons**



**F. Workers accept information, instruction and training in protection and safety**

# Take Home Points

- The establishment by Member States of a **national strategy for E&T** in radiation safety is one of the key factors **to build sustainable competence**, in compliance with relevant **IAEA Safety Standards**
- For that purpose **IAEA is supporting Member States**
  - ✓ providing guidance on how to establish a **national strategy for E&T**, and
  - ✓ developing **training material**
- Through **RASIMS/TSA6** IAEA and Member States will **monitor** the progress made and analysing challenges faced and difficulties encountered, in order **to identify possible solutions** to be rendered to MSs (e.g. national seminars; expert missions)

Thank you for your attention

The screenshot shows the IAEA website interface. At the top, there is a navigation bar with the IAEA logo and the text 'IAEA.org International Atomic Energy Agency'. To the right of the logo is a search bar and a 'Search this site' button. Below the navigation bar are several menu items: 'About Us', 'Our Work', 'News Centre', 'Publications', and 'Nucleus'. The main content area is titled 'Nuclear Safety & Security' and features a sub-header 'Education and Training in Radiation, Transport and Waste Safety'. A central image shows a group of people in a laboratory setting. Below the image is a text block that reads: 'Building competence through education and training in radiation safety is fundamental to the establishment of a comprehensive and sustainable national infrastructure for radiation safety, which in turn is essential for protecting people from the harmful effects of radiation. In order to establish a sustainable education and training infrastructure in radiation, transport and waste safety, Member States should develop a national strategy for building competence through education and training, based on the approach provided in the Safety Guide "Building Competence in Radiation Protection and the Safe Use of Radiation Sources".' To the right of the text is a 'Resources' sidebar with links for 'Educational and training material', 'Education and Training Appraisals (EduTA)', and 'Newsletters'. At the bottom of the page, there is a circular diagram illustrating the 'National strategy for education & training' process, which includes four main steps: 'Assessment of education & training needs', 'Design of education & training programme', 'Development and implementation of the programme', and 'Evaluation of the effectiveness of the education & training programme'. A large blue button with the URL 'http://goto.iaea.org/rtps-E&T' is positioned to the right of the diagram.

