



# EU nuclear safety framework

**ENSREG Conference Brussels, 12 June 2013** 

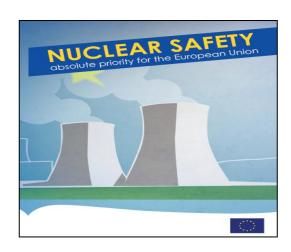
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## **Nuclear Safety Directive (2009)**

- EU-wide legally binding framework
- Reflects international instruments:
  - Convention on Nuclear Safety
  - IAEA Safety Fundamentals
- Important step but limited to general principles:
  - National responsibility for nuclear safety
  - Regulatory independence
  - Transparency





## Why a new directive?

**2 mandates** from the European Council after the Fukushima accident

Carry out, together with ENSREG, **EU-wide comprehensive risk and safety assessments**of nuclear power plants
("stress tests")

Review the legal and regulatory framework for the safety of nuclear installations and propose improvements

 Strong support for the revision of the 2009 Directive from the EP and the EESC



#### **Main features**

Safety objectives for nuclear installations
European system of topical peer reviews
EU-wide harmonised nuclear safety guidelines
Transparency

Independence and role of national regulators

Continuous improvement of nuclear safety throughout the EU



## **New Directive: how it works - 1**

Safety Objectives

Continous improvement of safety

EU Guidelines Peer Reviews



## **New Directive: how it works – 2**

# Nuclear Safety Objectives:

Translated into technical recommendations and concrete improvement via peer reviews

### European system of topical peer reviews

Mechanism to verify compliance with safety objective in each MS

#### Technical recommendations

Basis for development of technical guidelines

# EU technical guidelines:

Support full and consistent implementation of Safety Objectives



## **Adoption and implementation**

#### Tentative timeline:

<b>EESC</b>	

September 2013

Adoption by the **Commission** of the proposal to the Council

October 2013

Opinion of the

**European Parliament** 

Beginning 2014

Adoption of the Directive by the **Council** 

Spring 2014

Deadline for transposition

18 months after the entry into force of the Directive





#### **Further initiatives**

- Nuclear insurance and liability:
  - Disparities in victims' treatment across the EU
  - Possible competition issues
  - Commission proposal end 2013 (after public consultation and impact assessment)
- Off-site emergency preparedness & response:
  - ongoing: a review of arrangements in the EU and in neighbouring countries
  - end 2013: proposals for improvements





## **International cooperation**

- Stress Tests: involvement of neighbouring countries
- Partnership with the IAEA:
  - improve collaboration on nuclear safety
  - strengthen safety culture and emergency preparedness
  - review and revise the international legal framework (Nuclear Safety Convention)
- New Euratom cooperation agreements

