



РОСАТОМ

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ГОСУДАРСТВЕННАЯ КОРПОРАЦИЯ ПО АТОМНОЙ ЭНЕРГИИ «РОСАТОМ»

*International cooperation in education, as  
a tool for the development of safety  
culture in nuclear power*

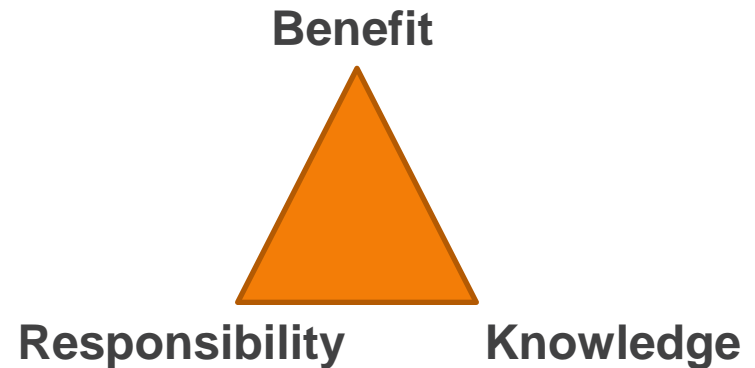
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# Balance on Nuclear Energy

1. Society must be convinced in the **benefit** of nuclear energy.
2. Nuclear energy should be used with high **responsibility**.
3. Nuclear energy must be developed in **sustainable way**.

Nuclear –  
Balance –  
World



## General safety considerations

- Financial and human resources
- Human factors
- Quality assurance
- Assessment and verification of safety
- Radiation protection
- Emergency preparedness

## Safety of nuclear installations

- Siting
- Design and Construction
- Operation

**Education and  
Experience**

# What is Safety Culture?



INSAG-4 defines *Safety Culture* as:

“That assembly of characteristics and attitudes in organizations and individuals which establishes that as an overriding priority, nuclear plant safety issues receive the attention warranted by their significance.”

Simply...”Its what people do when you are not there”

**Education and Experience**



- Safety is a clearly recognized value
- Leadership for safety is clear
- Accountability for safety is clear
- Safety is integrated into all activities
- Safety is learning driven

**Education, Experience -  
Safety Culture - Culture**



**An organization's values and behaviors**

**- modeled by its leaders and internalized by its members**

**- that serve to make nuclear safety the overriding priority**

**Education, Experience –  
International Safety Culture**

1. Everyone is personally responsible for nuclear safety.
2. Leaders demonstrate commitment to safety.
3. Trust permeates the organization.
4. Decision-making reflects safety first.
5. Nuclear technology is recognized as special and unique.
6. A questioning attitude is cultivated.
7. Organizational learning is embraced.
8. Nuclear safety undergoes constant examination.

**Education, Experience –  
International Safety Culture**



***International cooperation in nuclear education is an intellectual and one of institutional basis for safe and sustainable Nuclear energy development in the world***

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