

# INPRO Dialogue Forum

Results from Breakout-Session

Group 3

*Safety Approaches*

# Insights and Issues (1): Harmonization central issue

Harmonization = process with the aim to:

- achieve the largest possible common basis for establishing safety requirements / assessment criteria
- understand rationale for deviations beyond this common basis
- mutual understanding for safety objectives, accepting different means of achieving them
- commonly improve / develop safety requirements / criteria
- use IAEA standards as a starting point
- involvement of all stakeholders

# Insights and Issues (2): Harmonization benefits

Harmonization is beneficial to:

- achieve “same” / acceptable level of safety requirements world-wide
- increase public awareness
- economize on resources
- standardize codes / tools
- facilitate access to nuclear energy for “newcomers”

# Insights and Issues (3): Harmonization Areas

Basic concepts	Regulatory positions	Implementation
Shared understanding of safety goals and objectives for all technologies	Develop common understanding of licensing processes	Provide “clearing house” for resolving differences in implementation
Understanding of differences in laws and regulations	Harmonize to higher / lower level	Access to qualified analysis codes, benchmarking / qualified users with technical expertise
Differences in perception of continuous improvement in safety	Interpretation of IAEA safety fundamentals and requirements (for different reactor types)	TSO with independent capabilities
Shared understanding of “technology neutral”	Commonly develop requirements for all technologies	Facilitate technology transfer between vendor and users
		Understand and reconcile differences between codes / standards

# Recommendations

- Establish dialogue aiming at resolution of harmonization issues
- Security issues, safety-security interface: need for harmonization, try to establish common basis as far as possible
- Dialogue on public engagement
- Establish forum between experienced countries / technology holders and “newcomers” to support implementation and harmonization of safety requirements
- Extend the harmonization effort to waste management and transportation issues, in future