

# Challenges and Enhancements to Safety Culture of the Regulatory Body

## Closing session panel

*Mr Lennart Carlsson  
Swedish Radiation Safety Authority (SSM)  
STG-SCRB Chair*

Joint CNRA/CSNI/CRPPH Workshop, Paris, 3 June 2015

## Fostering SCRB in an interconnected system

- 💡 To provide a good example and environment for licensees to enhance their own SC – Mutual feedback
- 💡 To increase confidence and interaction of/with stakeholders in the RB
- 💡 SC ↔ regulatory effectiveness
- 💡 Safety research: interpretation of technical competence + continuous learning to be incorporated into SC
  
- 👉 Learn and adapt
- 👉 Integrate SC in broader organisational culture and management system
- 👉 Make the staff be “proud of belonging”
- 👉 Communicate internally and externally
- 👉 Manage differences of professional opinions and non concurrence process
- 👉 Find ways of evaluating the SCRB (Peer reviews, internal and stakeholders’ feedback, ...)

## Challenges and lessons learnt

Principles are shared by most countries but there are still implementation differences.

Fukushima Daiichi NNP accident was a close call for all.

Lessons learnt by Japan:

- 💡 Zero risk illusion
- 💡 Regulatory capture
- 💡 Bureaucratic inertia
- 💡 Fear of losing credibility
- 💡 Long term erosion of institutional memory
- 💡 Isolation/self-righteousness
  
- 👉 Change safety myth into risk informed safety assessment
- 👉 Act with agility

## International dimension

- 💡 Sharing experiences and challenging implementation
- 💡 Internal and external (incl. international) co-operation
- 💡 Peer reviews (room for improvement in management system of the RB)
- 💡 Benchmarking of national self-assessments