

# **Third Annual Meeting of the IAEA FaSa Project**

**29 November – 03 December 2010**

**International Atomic Energy Agency, Vienna**

## ***Summary – The Status of the Overall FaSa Approach***

***J. Kaulard, Germany***



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# Objectives of the FaSa Methodology

- Overall objective: provide practical and useful recommendations on
  - the **evolution of decommissioning related safety assessment** during the facility life time and
  - the **implementation of safety assessment results** during ~~planning and~~ conduct of decommissioning

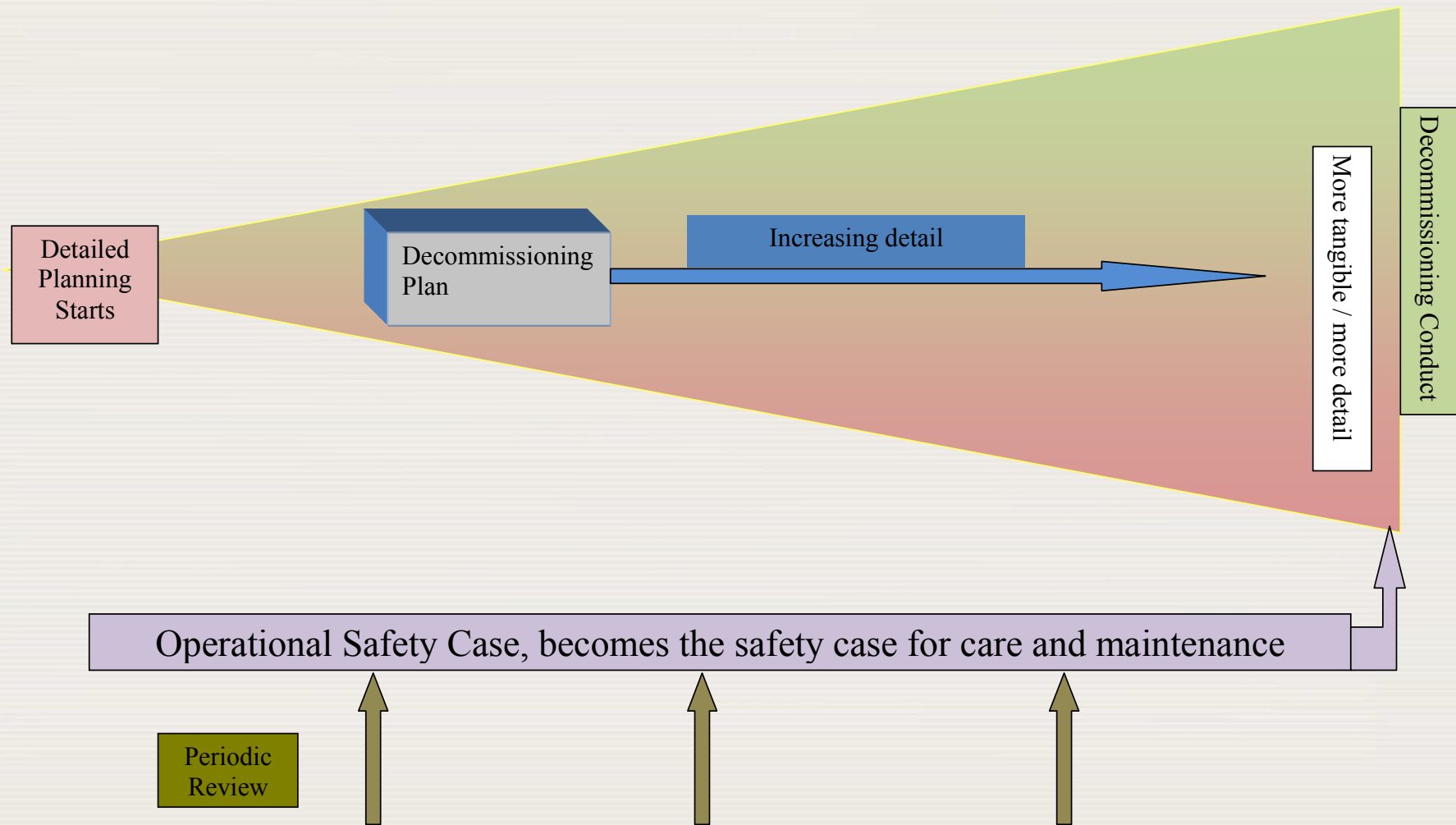
PLANNING FOR DECOMMISSIONING				CONDUCT OF DECOMMISSIONING	TERMINATION
<i>Design</i>	<i>Commissioning</i>	<i>Operation</i>	<i>Shutdown</i>	<i>Decommissioning</i>	<i>Release from regulatory control</i>

↓ **implementation** - how to do  
- how to review

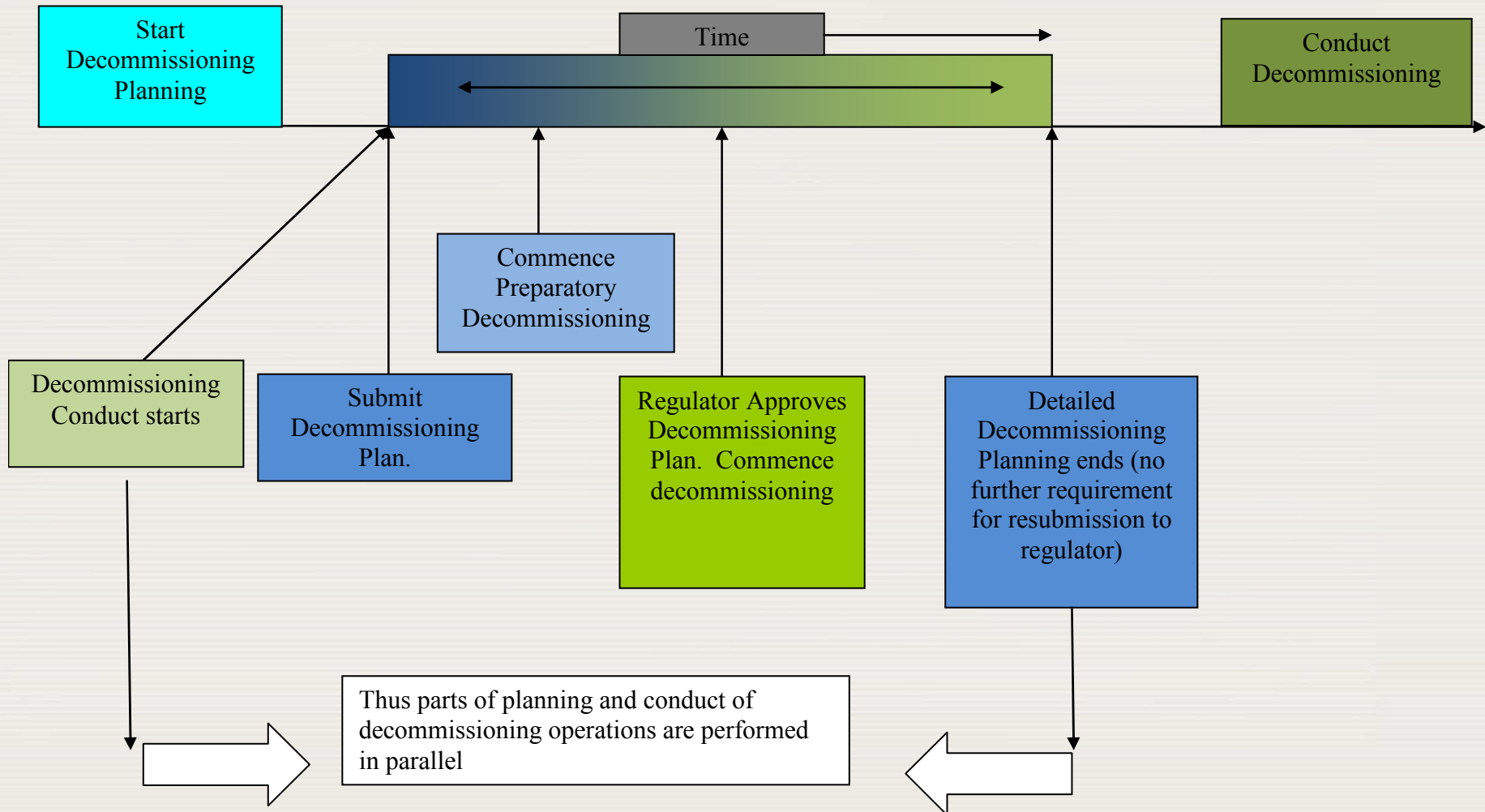
**evolution** - how to do



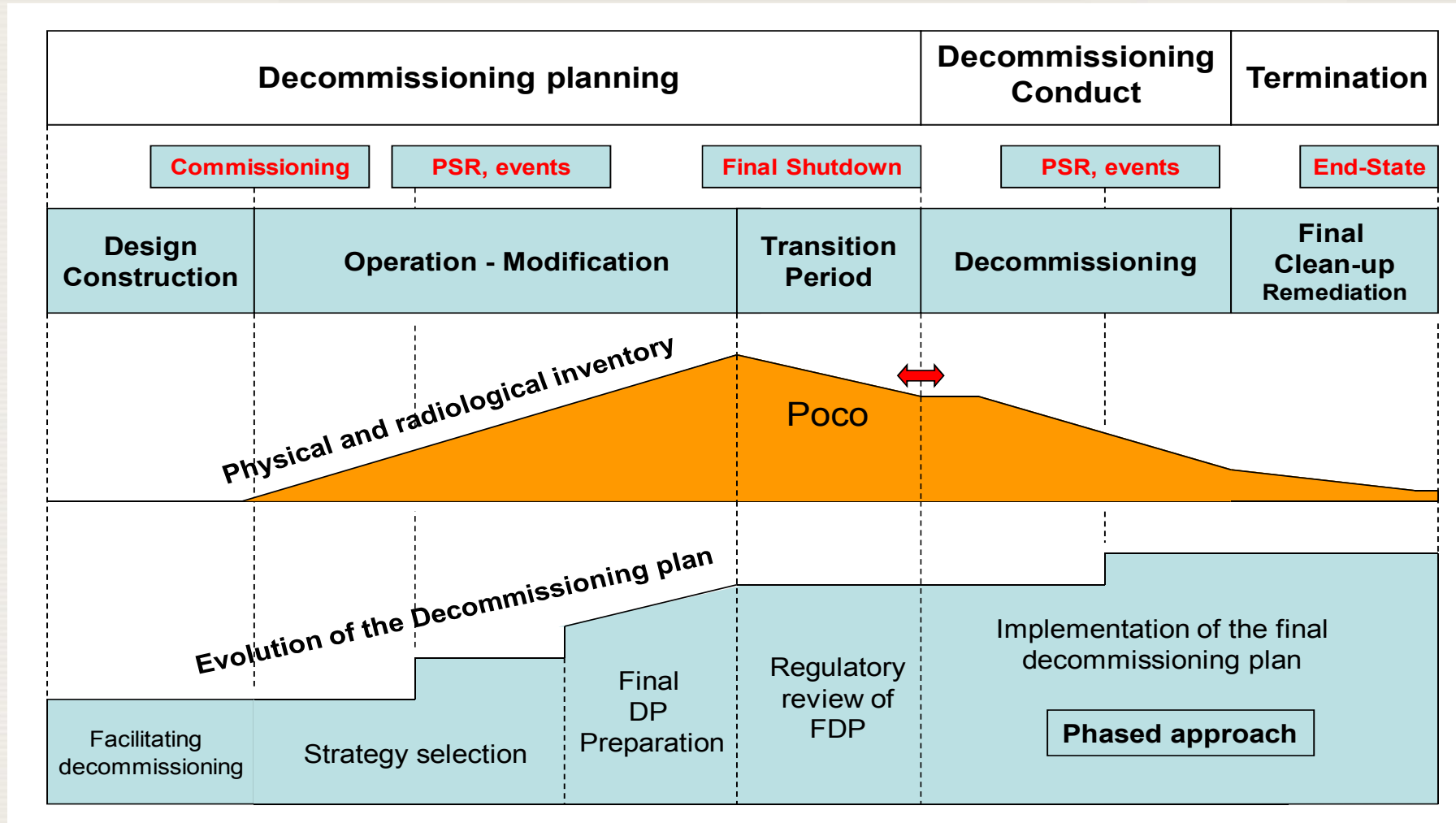
# Evolution of the Decommissioning Plan – “The Abstract Modell – The Evolution”



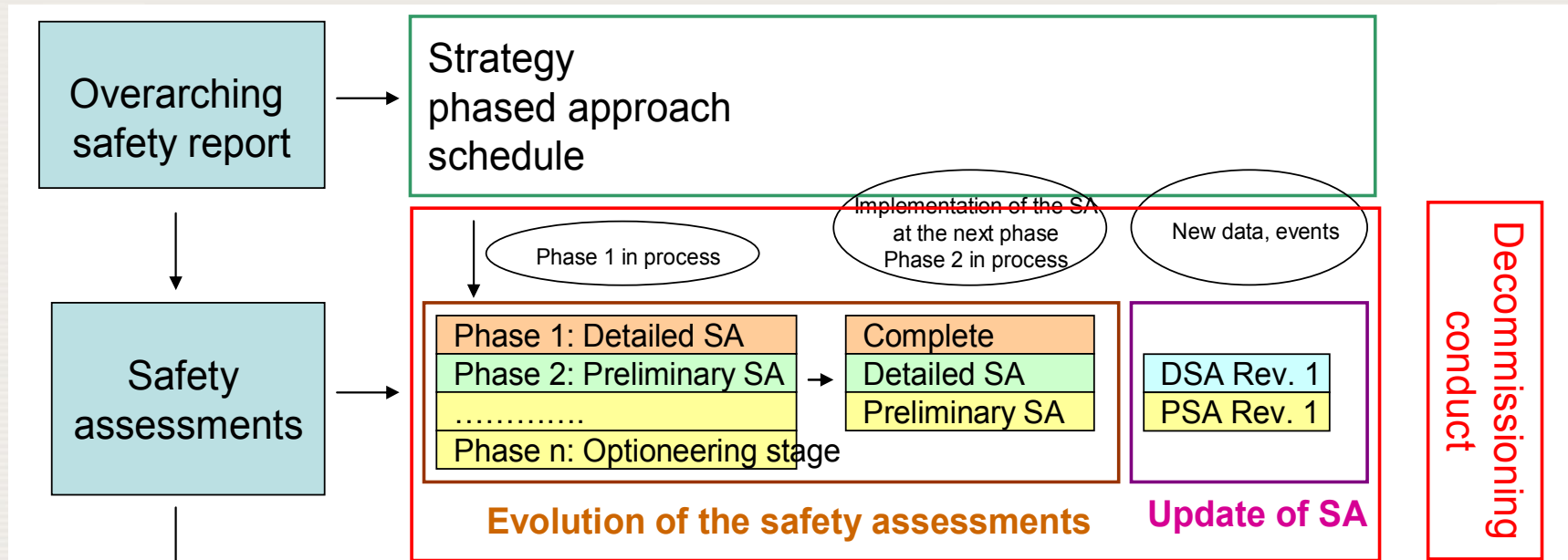
# Evolution of the Decommissioning Plan – “The Abstract Modell – Start of Deco.”



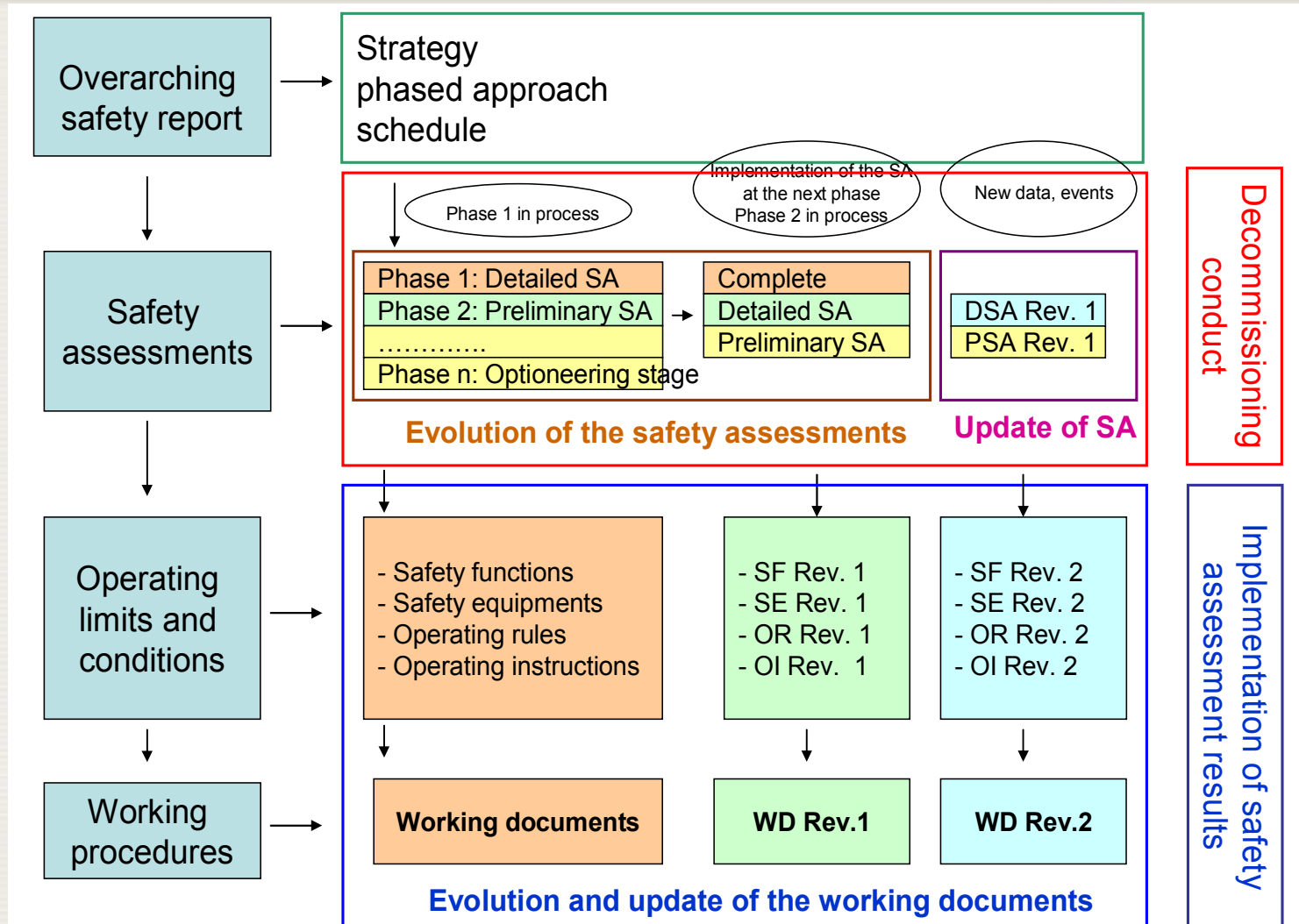
# Evolution of the Decommissioning Plan – “Country Specific Example”



# Safety Assessment for Conduct – “The evolution”

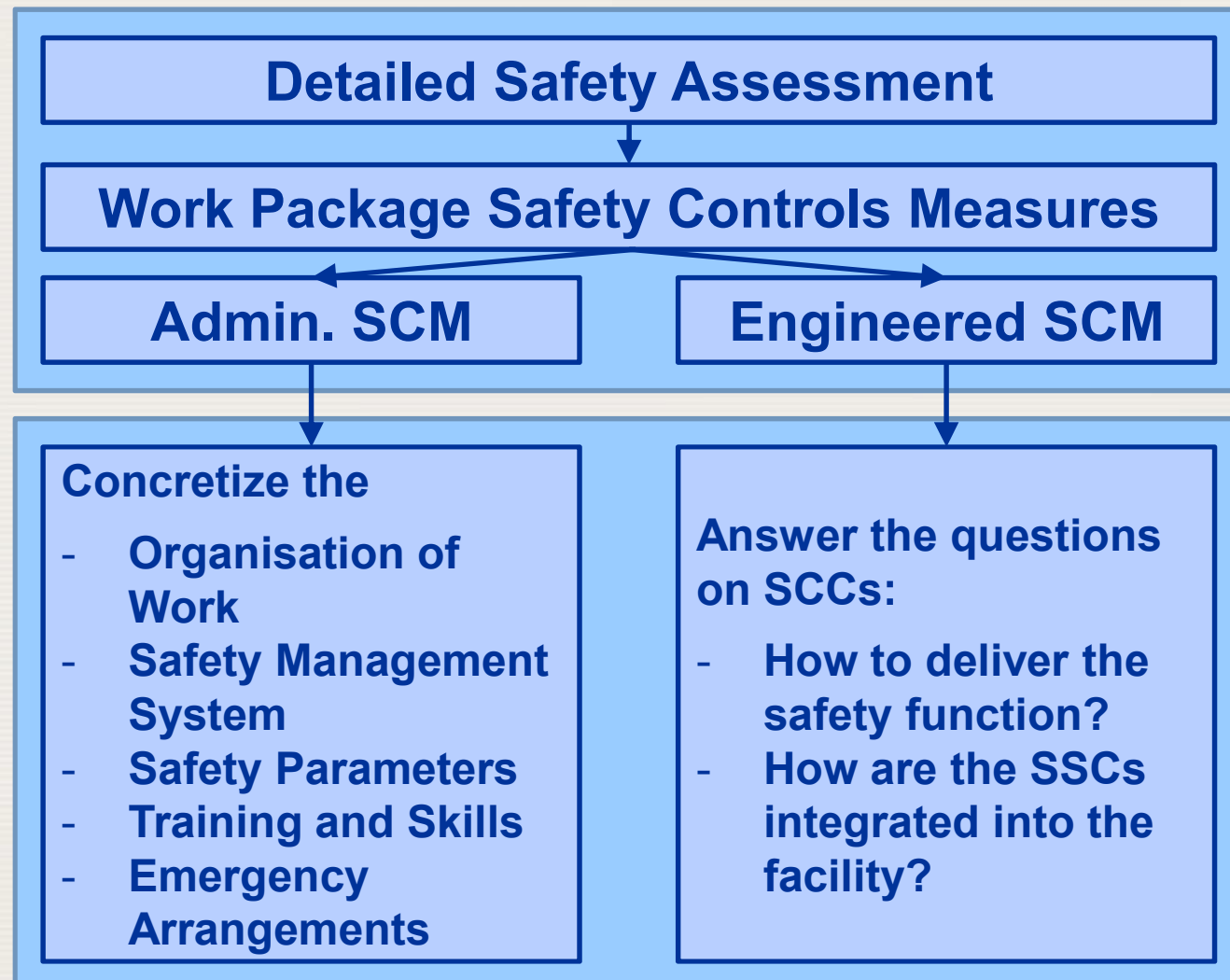


# Decommissioning Conduct & Implementation – “Their Relation”



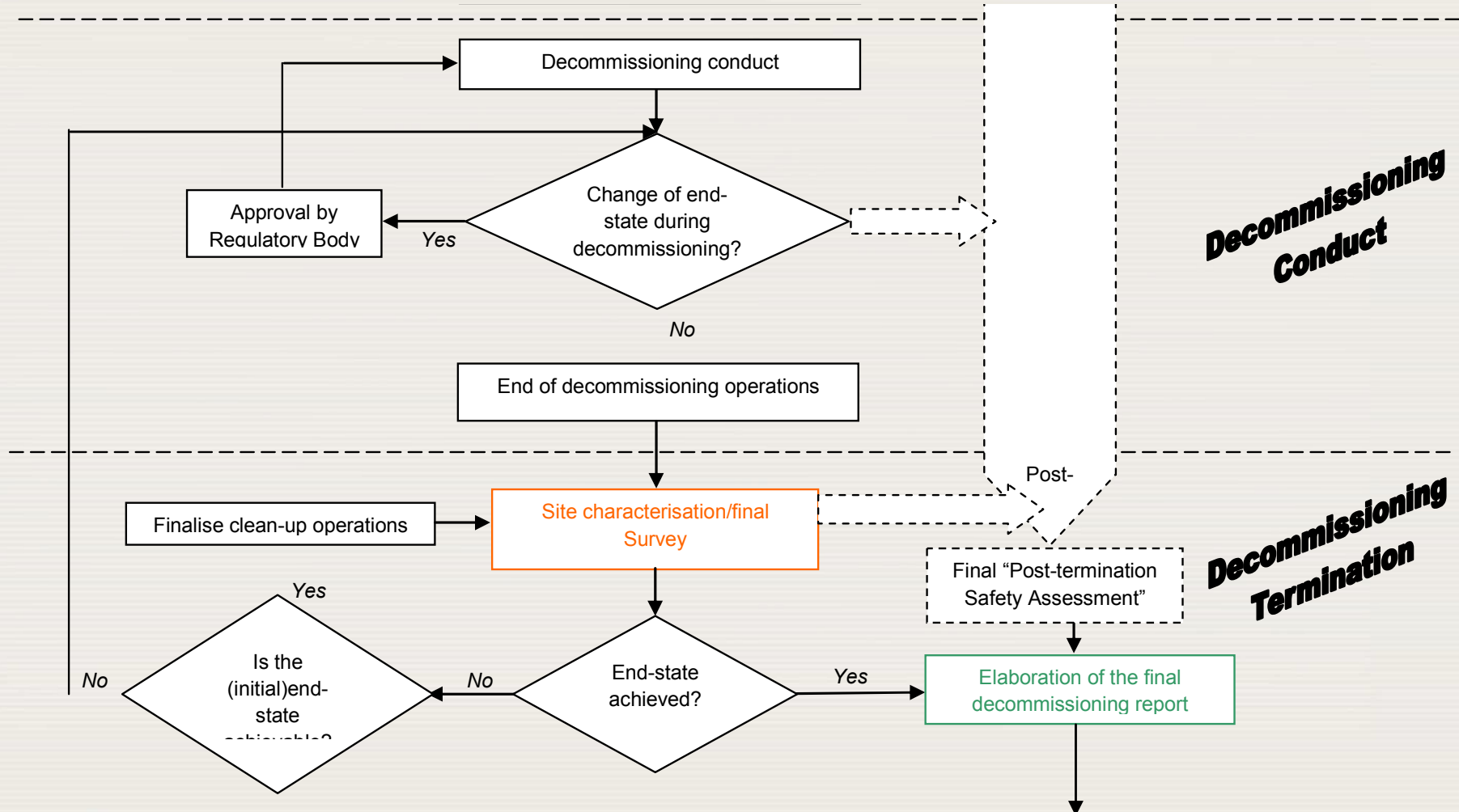
# Implementation – “The Basic Elements”

*From Conduct*

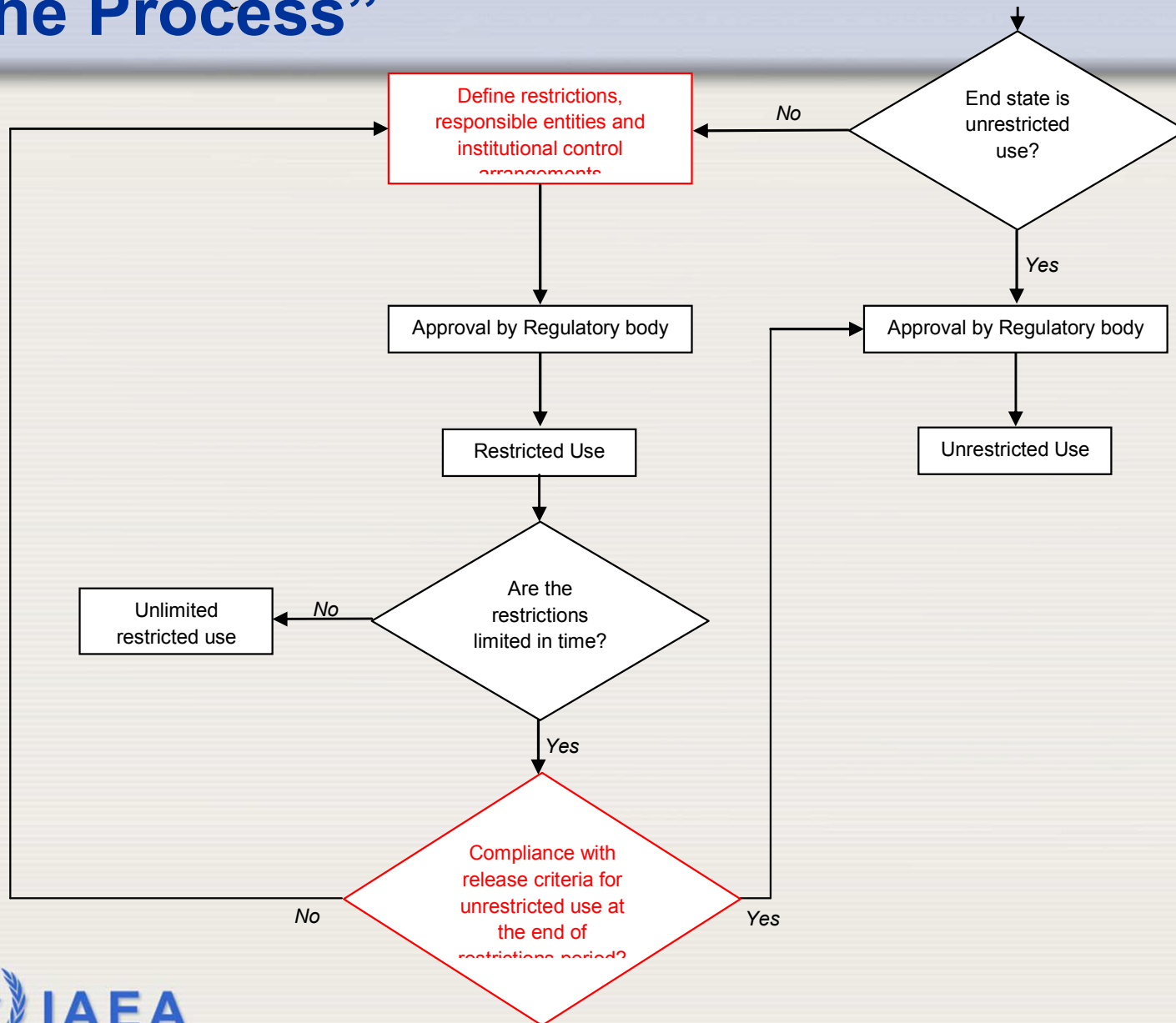




# Termination – “The Process”



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# Regulatory Review of Implementation

- Regulatory review of the implementation
  - of safety assessment results in the ***final decommissioning plan***
  - of results from ***changes*** to the safety assessment
  - safety assessment results ***during inspections***
- No need for Periodic Safety Reviews if the review of implementation is performed

# Challenges for Consolidation of Methods

- Description of methodologies independent from national licensing systems
  - But where helpful or necessary: providing national examples to illustrate the national realization of the methodologies
- Harmonization of terms used (based on IAEA Glossary and FaSa Glossary)

**Thank you for your attention!**



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