



## Break-Out Session 3

# The Seveso Inspector's Toolkit for Ageing Sites

### Group 1

*Please save under a different name, e.g.  
"Break-out Session 3 \_Group 1\_Presentation"*



## 10 Questions/Key Topics for inspection of ageing sites

19 March 2013

Joint  
Research  
Centre

2

# 1. Create a list of central topics or questions for inspecting an ageing type.



- 1. Do you have an asset management programme?** *(Try to understand how strategic they are, do they have a plan, how complete is it? Is it based on a systematic evaluation? Do they keep to their schedule?)*
- 2. Have you identified key components that may be at risk to ageing?**
- 3. In your assessment did you also consider utilities and other important infrastructure, including utilities (e.g., water), power supply, IT systems, etc.?**
- 4. For these critical components, have you identified the relevant failure mechanisms, including external factors, natural hazards, cyberthreats)?**
- 5. Do you have written procedures to maintain them? Are all the people trained on the procedures? Does the training of the relevant staff correspond to the timing of the maintenance procedures?**



**6. What is the design and specifications of the equipment?**

*Do you have manufacturers' specifications and have you established equipment limitations?*

**7. What kind of failures have you had?** *Did you identify ageing as a root cause? Do you systematically identify ageing as a factor when you investigate an accident?*

**8. Have you made some changes in the process or equipment for the last six months?** *This could be asked about specific critical equipment or process. What about maintenance, process changes, staffing changes, management controls and procedures?*

**9. Have there been any significant changes to the organisational structure and/or staffing, including ownership and management? Did you do a risk assessment of these changes? How has that affected training and communication for safety and maintenance?**

**10. How do you plan for ageing of your personnel and potential loss of competence?**