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# Joint Activities Updates: JA 15

*EG Meeting N°8*



## Nuclear Knowledge Management

**SRA**

Key Topic : N°15

Topic: CC3

Topic priority : -

Chair: Juhani Vira

### Members:

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## Objectives and Expected Results of the Joint Activity

### Objectives of ORWG:

- to survey current activities in the area of knowledge management (KM)
- to identify potential interests in cooperation in the area of KM
  - joint project(s)
  - regular information exchange
  - exchange of practices, applications

### Expected results of ORWG:

Agreement on possible joint actions in the area of Knowledge Management

# Joint Activity N° 15

Type of activity: ORWG

## Major achievements

- Meeting in Helsinki 9 October 2012 (summary notes attached)

## Work plan for 2013

- Workshop on selected Knowledge Management topics in Spring 2013



# **Experts Meeting in Helsinki 9 October 2012**

## **Summary Notes**



## Preferred Definition: Nonaka (1991)

- "Knowledge Management is the discipline of enabling individuals, teams and entire organisations to collectively and systematically create, share and apply knowledge, to better achieve their objectives"



# Status Presentations

- different focuses:  
technical – organisational –social
- different expectations/goals of KM
- different levels:  
data – information – knowledge
- continuous development – specific projects
- scope for international cooperation exists



# Topics (1)

- Data handling and storage
  - Data Bases for R&D, investigations, inventories, logistics
- Information management
  - Document handling and archiving
  - report libraries, search machines
- Structuring of knowledge
  - tracing the data and information processing
  - construction of the safety arguments
  - requirements management systems
  - different end-users have different utilisation needs





## Topics (2)

- Knowledge transfer and maintenance
  - transfer of tacit knowledge and experience
  - social/living memory
  - revisiting the existing information
  - long-term preservation of information
- Competence development
  - validation, metrics
  - coaching, mentoring
  - history projects
- Organisational development
  - safety cultures
  - processes' support



# Discussion

- the meeting brought up the many facets of knowledge management
  - and the importance of precise terms in this area
- common goals and concerns
  - improvements in clarity and traceability of presentation of RTD results and safety arguments
  - maintenance of organisational memory and competence
  - development of organisational culture and management practices
  - utilisation of up-to-date IT tools



# Step Forward

- a focused workshop on selected themes proposed and discussed at the meeting
  - description/benchmarking of good practices
  - detailed presentations of some of the technical approaches presented
  - brainstorming: "ten new ways to do our work"
  - agreement on possible further steps
  - clarification of KM definition for appropriate focus in the nuclear waste disposal area
  - identification of possible ways for KM implementation
  - Link with „long-term preservation“ activities
- the present ORWG will elaborate the workshop program
  - potential participants?
  - potential date – spring 2013?
  - volunteers for host organisation?

