

# JOPRAD - Establishing the Programme; Strategic and Horizontal Aspects

## Knowledge Management

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Marshal Garden Hotel, Bucharest, Romania



## **Contents**

- 1. KM in the context of R&D, Data, Information & Competence**
- 2. KM in the context of Joint Programming**
- 3. The Integrated KM System**
- 4. Establishing and Implementing the System**
- 5. Next Steps, including Expectations on this Meeting**

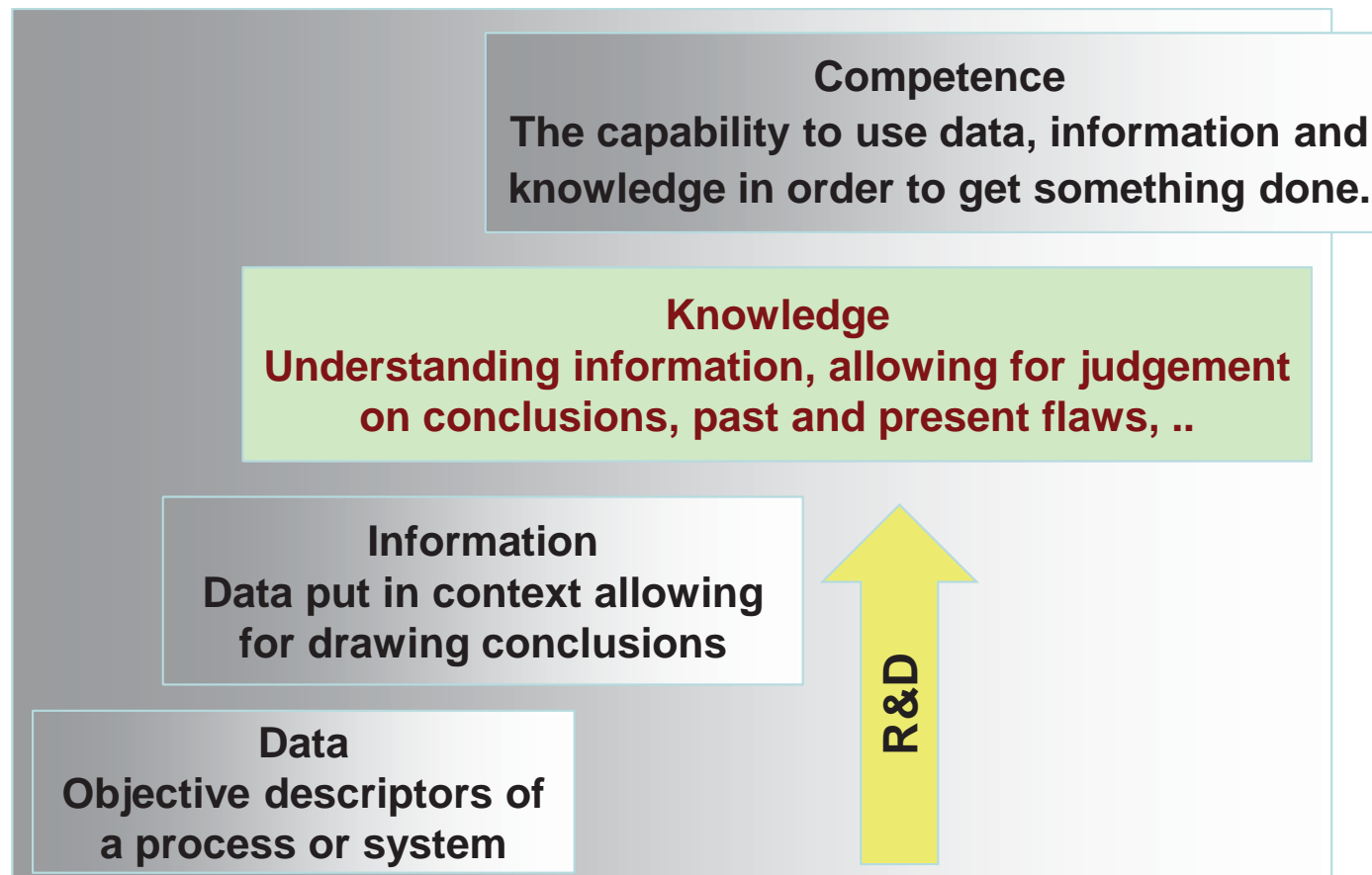


## VISION

A **programme** is established and implemented  
on a **European level**  
enabling **present** and **future** disposal **programmes** and **generations** to  
**benefit** from the **Knowledge** generated through  
**past, on-going and future** programmes and activities.



## KM: Context



**Joint Programming**

(2019 - )

Implementation of Joint Programme

**Joint Programme**

(2016 - 2017)

Joint SRA – KM Programme – Management Structures

**Joint SRA (R&D)**

Cross-Cutting Topics of Individual SRAs (2016 - )

**Research Entities**

(2015 - )

(Under Development)

**Technical Support Organizations**

(SITEX) (2015 - )

**R&D Strategic Research Agendas (SRA)**

**Waste Management Organizations**

(IGD-TP) (2011 - )

**Knowledge Management Programme**

Topics & Horizontal Components (2015 - )

# Establishing and Implementing the Integrated Knowledge Management System

European  
Commission

## Select Topics

- Governance
- Inventory
- Cost
- Waste Treatment  
Storage
- Implementation  
Strategy
- Generic Safety Case  
Development
- Data management  
preservation of records
- 
- 
- Safety Case
  - Key Geochemical  
Processes
  - Key Biogeochemical  
Processes
  - Diffusion
  - Hydrology
  - Mass Transfer and  
Chemical Kinetics
- 

## Horizontal Components

- Establishing State-of-Knowledge
- Strategic Studies
- Education
- Training
- Guidance
- Transfer of Knowledge between  
Programmes
- Dissemination

## Activities

- i. Establish List of Topics
- ii. Select Topics for a specific Implementation Period
- iii. Establish the State-of-Knowledge for those Topics
- iv. Implement the other Components for the selected Topics
- v. Update the State-of-Knowledge for the selected Topics
- vi. Review and Update the List of Topics
- vii. .....



## **Activities: Establish & Select List of Topics** (The Topics for establishing and managing the Knowledge)

- 1. Select Topics of Key Importance for the Community**
- 2. Implement Topics subject to Coordination and Support Action on Guidance, Strategic Studies and Mechanisms for Transfer of Knowledge (2017-2018)**
- 3. Use the Topics subject to R&D in the respective Joint Programming Implementation Period (2019-2024)**



## **Activities: Establish & Select List of Topics**

### **1. Select Topics of Key Importance for the Community**

- **Questionnaire**
- **Your Input during this Meeting (Working Group 2, 16.00 h today)**
- **Report of the Meeting circulated for comments and additional input**
- **Continued discussions the forthcoming months**
- **.....**





## Activities: Establish & Select List of Topics

1. Select Topics of Key Importance for the Community
2. Implement Topics subject to Coordination and Support Action on Guidance, Strategic Studies and Mechanisms for Transfer of Knowledge (2017-2018)

Your input will be regarded in the process of selecting topics -> For the KM System: Opportunity for Learning-by-Doing

1. Use the Topics subject to R&D in the respective Joint Programming Implementation Period (2019-2024)



## Activities: Establish & Select List of Topics

1. Select Topics of Key Importance for the Community
2. Implement Topics subject to Coordination and Support Action on Guidance, Strategic Studies and Mechanisms for Transfer of Knowledge (2017-2018)
3. Use the Topics subject to R&D in the respective Joint Programming Implementation Period (2019-2024) (*interlinking*)
  - The KM Activities of the individual R&D Projects are implemented through the overall Integrated KM System
  - It is a requirement for the Consortia that implement a particular R&D Project to establish the State-of-Knowledge, and update it at the end of the R&D Project



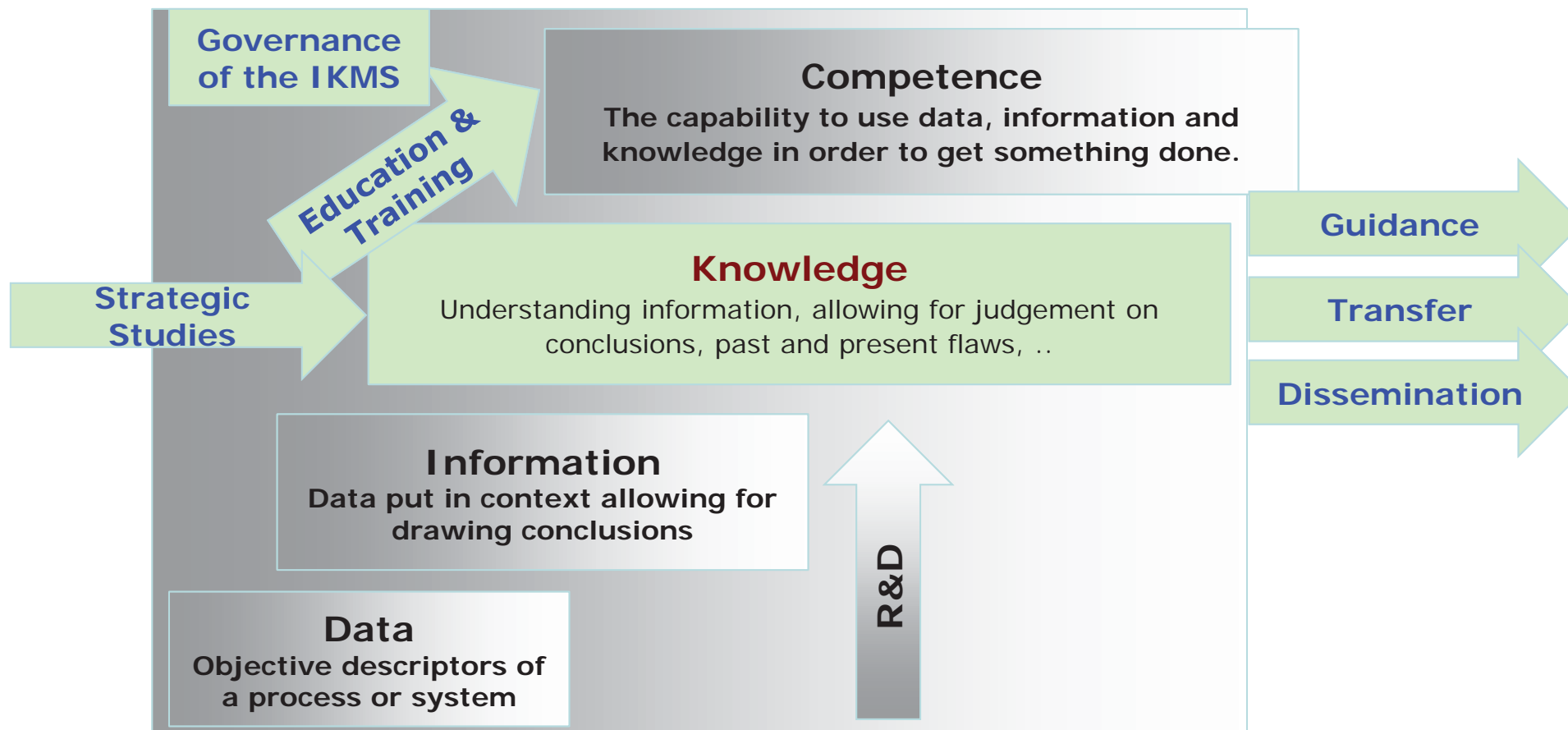
## **Activities: Implement other Components**

### **Horizontal Components**

- **Establishing State-of-Knowledge**
- **Strategic Studies**
- **Education**
- **Training**
- **Guidance**
- **Transfer of Knowledge between Programmes**
- **Dissemination**



## Relation between Topics and Components





# 8<sup>th</sup> edition of the International Summer School on Nuclear Decommissioning and Waste Management

**In parallel**

**R&D Planning for Radioactive Waste Disposal**

**European Commission, Joint Research Centre  
Institute for Transuranium Elements, Nuclear Security Unit  
12-16 September 2016, JRC Ispra (Italy), Auditorium Bldg. 58C**

**Organised by:**



**Parallel Module on Waste Management building on “PLANDIS Guide”:**

**RD&D Planning Towards Geological Disposal of Radioactive Waste. Guidance for less-advanced Programmes**

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## Summary

- **The Understanding of and Objectives of Integrated Knowledge Management System has come very far**
- **Implementation of some aspects is already starting**
- **There will be a gradual Learning-by-Doing prior to “Full-Scale” during Joint Programming (2019- )**
- **Thanks to everybody that have contributed so far**
- **Thanks to everybody that will contribute next**
  - ✓ **Please provide your input to Working Group 2**
  - ✓ **Please respond to draft report of this meeting**
  - ✓ **Please take note of Summer School in ISPRA and encourage participation**