

## Welcome at the Exchange Forum N°6



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# The IGD-TP's Exchange Forum

- The Exchange Forum is the yearly meeting of the IGD-TP, gathering participants and stakeholders that are committing with our vision
- The forum is intended to give an overview of on-going activities and to promote discussions on how to prioritize different activities to reach the Vision 2025
- It may act as an incubator to new projects and collaborations in the field of geological disposal
- This year, the focus will be on feed back of the first Horizon 2020 call and the preparation of the answers to the second one



# Role of IGD-TP

- Sharing information , promoting debate and understanding between member WMOs in the field of geological disposal RD&D
- Defining RD&D priorities that could lead to projects of European added value with the support of the European commission
- Identifying projects of European added value which may be undertaken as joint collaborative projects for the benefit of all programmes



## Domain of activities

- The RD&D activities oriented toward geological disposal for high level and long lived waste should remain the driver of the work of the IGD-TP
- The SRA offers the possibility to enlarge the scope of the work toward radioactive management issues such as the waste forms and their behaviour
- The platform acts as an information exchange platform with other initiatives and fora such as SNETP, IGSC-NEA, MELODI, ENTRAP...



## Some figures...

- 11 WMOs meeting 3 times a year for 6 years
  - 124 “ EF Organisation Participants” committing with the vision participating to the annual EF
  - 9 FP7 projects followed up (4 completed ) (61 M€ - EC grant 28 M€)
  - 4 Horizon 2020 projects (WP 2014-2015) (21,3 M€ - EC grant 15,1 M€)
  - 5 proposals under discussion ( WP 2016-2017)
- + Internal working groups



# Main IGD-TP's activities in 2015 (1)

## ➤ Publications

Review of the SRA

Proceedings of EF 5 (Prague)

Master deployment plan 2015

RD&D Planning Guide

## ➤ WG activities

Follow up outcomes of 5 technical project

10 active WG this year – 4 leading to EC projects

## ➤ EC H2020 2015-2016 Work Programme

5 technical project proposals are under discussion



# Main IGD-TP's activities in 2015 (2)

## ➤ Events

PLANDIS workshop (PLANning geological DISposal of radioactive waste in Europe – PLANDIS) Bucharest  
36 attendees from 12 European countries (RO, SK, FR, EC, UK, LT, SI, HU, CH, CZ, GER, GR)

## ➤ Working group with SNETP

Publication of the factsheet on Geological disposal

## ➤ Preparing a Joint Programming

Contribution to a project on Joint Programming on R&D with TSOs and research Entities



# Objectives of the EF6 (1)

- To inform participants on the situation of high level waste policy in Europe and USA
- To strengthen or explore new domains of collaboration
- To present the outcomes and achievements of four completed projects (PEBS, MODERN, FIRST-Nuclides and REDUPP)
- To present the three H2020 WP 2014-2015 technical projects (MODERN 2020, CEBAMA and MIND)



## Objectives of the EF6 (2)

- To discuss 4 topics that could be submitted as EC project in the forthcoming call
- To present an outcome of the SecIGD2 project : RD&D Planning Guide, Conclusion of the PLANDIS Workshop and future activities
- To present IGD-TP's views on the future of the European collaboration in geological disposal



# Key notes : Situation in Europe and USA

- **H2020 WP 2016-2017 and future Euratom programmes**  
Christophe Davies, European Commission, DG/RTD
- **United Kingdom - Siting Process in UK**  
Bruce Cairns (DECC)
- **United States of America – State of high-level waste disposal in the U.S.**  
James Rubenstone, Yucca Mountain Directorate



# New domains of collaboration

Strengthen or explore new domains of collaboration with :

- **The Integration Group for the Safety Case (IGSC)** established in 2000 by NEA Radioactive Waste Management Committee (RWMC) to assist member countries to develop effective safety cases supported by robust scientific technical basis  
Lucy Bailey, RWM

- **The Radioprotection community** which proposes that the MELODI Association, as a well-advanced network, takes the lead in establishing the necessary structures able to manage the long-term European research programmes in radiation  
Hildegard Vandenhove, Nathalie Impens, SCK-CEN



# Outcomes and achievements of four completed projects

- **PEBS** - Annika Schäfers/Klaus-Jürgen Röhlig/Irina Gaus
- **FIRST Nuclides** - B. Kienzler / Johan Andersson
- **MODERN** – Johan Bertrand/Frédéric Plas
- **REDUPP** – Lena Evins/ David Shoesmith /Johan Andersson



# H2020 WP 2014-2015 technical projects

- **MODERN2020** - Johan Bertrand, Andra
- **CEBAMA** - Xavier Bourbon, Andra
- **MIND** - Birgitta Kalinowski, SKB



## The four working groups of this EF 6

- **WG1 - Novel thermal treatments for waste -**  
Cristiano Padovani and Amy Shelton, RWM
- **WG2 - Bentonite homogenization -** Patrik Sellin, SKB
- **WG3 - Cement Organics Radionuclides Interactions**  
– (CORI) Marcus Altmaier, KIT-INE
- **WG4- Spent fuel dissolution & chemistry in**  
container - Lena Evins, SKB



## SecIGD2 achievement

- **RD&D Planning Guide, Conclusion of the PLANDIS Workshop and future activities**

Ray Kowe, RWM



# H2020 WP 2014-2015 technical projects

- **MODERN2020** - Johan Bertrand, Andra
- **CEBAMA** - Xavier Bourbon, Andra
- **MIND** - Birgitta Kalinowski, SKB



# The floor is yours!

## I wish you fruitful discussions!

