



Implementing Geological Disposal of Radioactive Waste Technology Platform

IGD-TP Working Group on RD&D Dissemination

Ray Kowe, RWM
Tara Beattie, MCM-International
Jacques Delay IGD-TP

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SecIGD2 project

- Beneficiaries : Andra, RWM, Posiva, ONDRAF/NIRAS



- Coordinator : Andra
- Start Date : 2013-01-01
- Duration : 36 months
- 4 Work packages



- | | | |
|-------------|--|---------------|
| ▶ WP1 & WP4 | <i>Management and Coordination</i> | <i>Andra</i> |
| ▶ WP2 | <i>Support to dissemination</i> | <i>RWM</i> |
| ▶ WP3 | <i>Support to Education and Training</i> | <i>Posiva</i> |



Organisation of the SecIGD2 project

- The Secretariat is composed of a Secretary General and an Assistant Secretary.
- The General Secretary will be provided by Andra and the Assistant Secretary by RWM in 2013 and 2014.
- Andra will remain coordinator of the SecIGD2 during the period 2013-2015

	2012	2013	2014	2015	2016
Secretary General	<i>SKB</i>	Andra	Andra	NDA	<i>NDA</i>
Assistant Secretary	<i>Andra</i>	NDA	NDA	Posiva	<i>Posiva</i>
SecIGD2 Coordinator		Andra	Andra	Andra	

SecIGD2 Project



SecIGD2 work package scope

The SecIGD2 project consists of three main support action Work Packages (WP1-WP3) and a project management Work Package (WP4). RWM will participate in all Work Packages (1-4).

- Work Package 1 (WP1) IGD-TP Secretariat Operations management and coordination of Activities.
- Work Package 2 (WP2) Support for networking, structuring and developing RD&D competences in countries with less advanced geological disposal programmes.
- Work Package 3 (WP3) Support for the development, implementation and coordination of Competence Maintenance, Education and Training (CMET) activities in geological disposal.
- Work Package 4 (WP4) SecIGD2 Project Management.



Working group participants

- Marie Garcia (IGD-TP, France)
- Claudia Vivaldi (Nidia srl, Italy)
- Nadja Železnik (Regional Environmental Center, Slovenia)
- Ray Kowe (RWM, UK)
- Tara Beattie (MCM-International, UK)
- Jacques Delay (IGD-TP, France)
- Gunnar Buckau (JRC, Germany)
- Christophe Davies (EC, Belgium)
- Daniela Diaconu (Institute for Nuclear Research, Romania)
- Rosa Lo Frano (University of Pisa, Italy)
- Ewoud Verhoef (Covra, Netherlands)
- Crina Bucur (Institute for Nuclear Research, Romania)
- Mireia Grivéé (Amphos21, Spain)
- Richard Poisson (Andra, France)
- Jan Gugala (SKB, Sweden)
- Lara Duro (Amphos21, Spain)
- Jozef Balaz (JAVYS, Slovakia)
- Milan Gabalec (JAVYS, Slovakia)
- Zdenko Vrankic (Fund for the decommissioning of the Krsko NPP, Croatia)
- Darius Justinavicius (Lithuanian Energy Institute)
- Balázs Molnár (PURAM, Hungary)



Working group participants





Work Package 2 (WP2) "Support for networking, structuring and developing RD&D competences in countries with less advanced geological disposal programmes"

Reminder of the 'description of work' for SecIGD2 - Support for networking, structuring and developing RD&D competences in countries with less advanced geological disposal programmes:

- **Identify the specific needs of the less advanced programmes;**
- Analyse how they are, or could be taken into account in the Joint Activities (JA);
- Identify key open specific documentation accessible on specific topics established already and used by more advanced countries as a reference or state of the art.
- Prepare proposals to implement this needs in the existing TS/ORWG already established in the DP;
- Identify areas of possible Technical transfer (TT) through specific agreements between more and less advanced programmes

Held 2 WG Meetings in 2013

Produced Questionnaire & Collated Responses to Identify Needs from Less Advanced Programmes

Presented 3 categories at 2013 Prague Exchange Forum & sought feedback



Outcome of Questionnaire

1. IGD-TP SRA-related information

- Research needs that align with topics identified in the SRA
- Straight-forward measures considered to improve access to information, key people and general awareness/involvement in existing or new projects

2. Non IGD-TP SRA-related information

- Research needs not prioritised in the SRA
- Considered realistic and achievable ways for improving collaboration for shared research priorities beyond straight forward commercial-oriented 'technology transfer (TT)'

3. Process & programme infrastructure information

- Programme infrastructure, information and processes required to fulfil EC Directive 2011/70/EURATOM
- Considered how cooperation between advanced programmes and less-advanced programmes could be improved and synergies with existing / parallel groups, beyond 'TT'



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Identified needs that can be met through SRA Topics/Within IGD-TP:

- Costing
- Safety Case Methodology
- Inventory Development
- Common Waste Treatment & Handling

Identified needs that can be met through other initiatives (Newlancer/ERDO):

- Development of National Policy
- Establishing local regulatory controls



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Ongoing – 2014 Activities

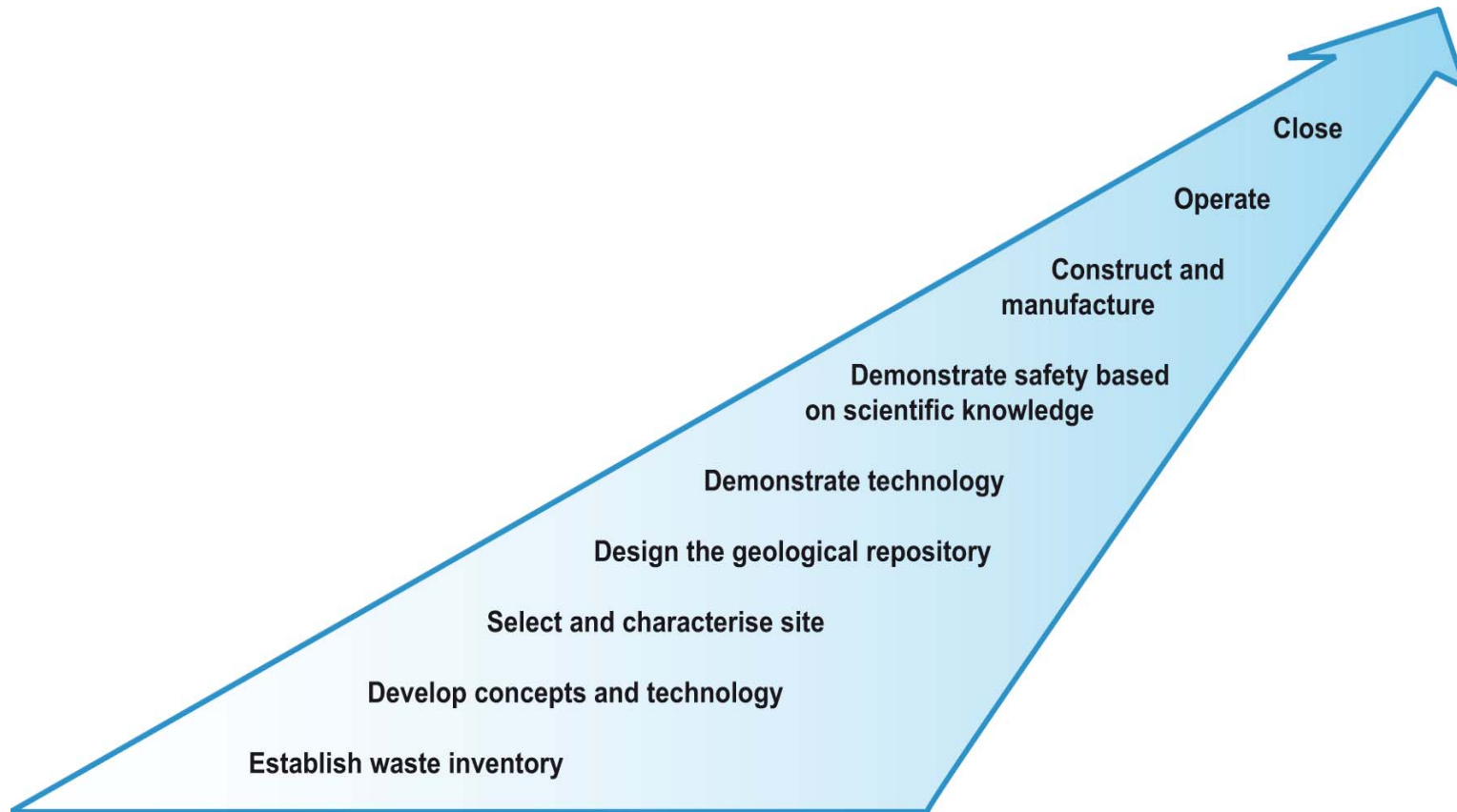
Propose to do this by developing 'mini-roadmap' to help first response to directive for aspects that relate to IGD-TP scope:

- **Set-out key steps in developing a GDF programme & strategy based on advanced WMOs experience**
- **Signpost to open documentation & guidelines for specific technical areas**
- **Identify gaps in guidelines**





Staged implementation of geological disposal





Implementing geological disposal 'roadmap'

Mini-guidance document for each key topic that can be maintained and checked by IGD-TP members to provide less-advanced programmes with overall description of what is required, where key information exists or can be accessed, key people or ongoing projects and/or initiatives to get involved with.

Consider that the above framework and steps for implementing geological disposal needs to be mapped out to allow less-advanced programmes to understand their own priorities and where specific IGD-TP activities fit into the 'bigger' picture - need to understand the 'process' to define their own priorities



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Once mini-roadmap developed, understood and used by less advanced programmes – can use this to complete remaining work activities for IGDSec2 in 2015



IGD-TP Manchester Conference, 24-26 June 2014

