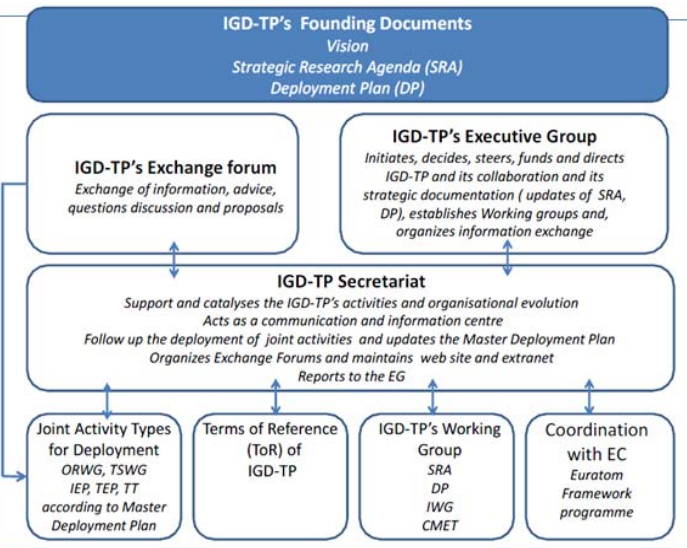


IGD-TP ORGANISATION



JOIN US!

Waste Management Organisations (WMOs) are invited to join the **Executive Group** to:

- Express directly, at the decision-level of the Platform, the R&D needs and interest of the WMOs to be taken into account in the deployment of activities;
- Have a direct access to all the information coming from the European Commission and especially information about new calls and new EU policy;
- Follow-up the evolution of the Joint Activities.

All relevant stakeholders in Europe (industry, research centres, academia, technical safety organisations, non-governmental organisations...) who endorse the IGD-TP Vision are welcome to join the IGD-TP and contribute to the **Exchange Forum (EF)**.

Contact secretariat@igdtp.eu



IMPLEMENTING GEOLOGICAL DISPOSAL OF RADIOACTIVE WASTE TECHNOLOGY PLATFORM

STRATEGIC DOCUMENTATION



- IGD-TP Vision Report, 2009
- Strategic Research Agenda (SRA), 2011
- Deployment Plan (DP) 2011-2016
- Master Deployment Plan 2013

A TOOL FOR EUROPEAN RD&D COOPERATION ON DEEP
GEOLOGICAL DISPOSAL SOLUTIONS



For more information, please visit www.igdtp.eu

IMPLEMENTING GEOLOGICAL DISPOSAL OF RADIOACTIVE WASTE -
TECHNOLOGY PLATFORM

secretariat@igdtp.eu
www.igdtp.eu



“By 2025, the first geological disposal facilities for spent fuel, high-level waste and other long-lived radioactive waste will be operating safely in Europe.” IGD-TP Vision Report, 2009



STRATEGIC RESEARCH AGENDA (SRA)

Key Topics

- Safety case
- Waste forms and their behaviour
- Technical feasibility and long-term performance of repository components
- Development strategy of the repository
- Safety of construction and operations
- Monitoring
- Governance and stakeholder involvement

Cross-Cutting Activities

- Dialogue with regulators
- Competence maintenance, Education and Training
- Knowledge Management
- Communication interfaces and other activities supporting information exchange

16 Joint activities

1. Wasteforms and their behaviour
2. Full scale demonstration of plugging & sealing
3. Wasteforms and their behaviour on C-14
4. Monitoring of the environmental reference state
5. Safety of construction and operations
6. Confidence increase in the safety assessment codes - materials interactions
7. Monitoring programme
8. Safety case benchmarking
9. Safety case peer review
10. Long-term stability of bentonite in crystalline environments
11. Sharing of knowledge on HLW container materials behaviour
12. Adaptation and optimisation of the repository
13. Communicating results from RD&D
14. Competence, Maintenance, Education and Training
15. Nuclear Knowledge Management
16. WMOs IEP (WMO 1-6)

After decades of bilateral and multilateral cooperation, several European radioactive waste management organisations decided, under the auspices of the European Commission, to join forces to **tackle the remaining research, development and demonstration (RD&D) challenges** with a view to fostering the implementation of their respective geological disposal programmes. The IGD-TP was launched in November 2009 and committed to:

- build confidence in the safety of geological disposal solutions among European citizens and decision-makers,
- encourage the establishment of waste management programmes that integrate geological disposal as the accepted option for the safe long-term management of long-lived and/or high-level waste,
- facilitate access to expertise & technology and maintain competences in the field of geological disposal for the benefit of Member States.

Today, IGD-TP has **more than 110 participating organisations** from the EU and beyond: Waste management organisations, Academia, (Nuclear) Research Centres, Consulting companies, Industry, Technical Safety Organisations, NGOs etc.

SecIGD2 Project

The Secretariat of the IGD-TP, funded by the EC through the SecIGD2 project (GA n°323260), aims to support the IGD-TP vision and mission in its administrative and operational tasks (information centre, dissemination activities, organising Exchange Forum, etc...). It also aims to support the activities of two specific IGD-TP Working Groups (WG):

Specific actions towards less-advanced geological disposal programmes

Competence Maintenance, Education and Training (CMET)



IGD-TP events in 2014

IGD-TP Geodisposal 2014

The inaugural **IGD-TP Geodisposal 2014 conference** will be held on **24-26th June, University of Manchester** (UK). This conference is part of SecIGD2 WP2 and will showcase Geodisposal Science from across the EU and beyond and share best practices in geological disposal research and implementation.

More details on registration, call of abstracts and practical information on:

www.meeting.co.uk/confercare/geodisposal2014

Contact: geodisposal2014@manchester.ac.uk

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IGD-TP 5th Exchange Forum (EF5)

EF5 will be held on **28-29th October 2014**, in **Kalmar, Sweden**. It will highlight IGD-TP ongoing activities, EC projects and the recent initiatives on stakeholder involvement in RD&D programmes. It will also help in preparing for future projects and in initiating or deepening interactions between research organisations, waste producers and waste management organisations. New ideas will be explored to complement and orient SRA priorities and may lead to new research topics for the next five years. A **visit of the Äspö laboratory** will be organised on October 30th. More details on www.igdtp.eu

