

Implementing Geological Disposal of Radioactive Waste Technology Platform



Tiina Jalonen
(Nagra-Switzerland)



IGD-TP Executive Group

Towards industrialisation of radioactive waste disposal in Europe

Safe operation of the first final disposal facilities

Research should focus on topics that have the greatest impact on safety and optimised solutions

Knowledge management

Foster knowledge transfer through practical approaches such as collaborative projects, to preserve the expertise built within the international waste management community

Ensure awareness and availability of knowledge to make effective and optimised use of limited resources over the long timescales of disposal programmes

Maintaining balance across programmes

Achieve the right balance — geographically, in terms of inventory, and in programme advancement — while recognising that the engagement of advanced programmes is essential for global progress

Optimisation and industrialisation

Make the best use of human and financial resources by focusing on the most critical topics, avoiding duplication of work, and considering the right timing for different priorities

Embrace innovative solutions, such as AI and digital tools, to drive efficiency

Tailored solutions

Optimising disposal solutions remains essential, regardless of a programme's stage of development

As programmes mature, opportunities for optimisation decrease, while the need for industrialisation and customised solutions increases

Waste Management Organisations carry the responsibility of fulfilling the Waste Directive and play a key role in defining the needs of national programmes

<https://igdtp.eu/>

secretariat@igdtp.eu

Thank you for your attention