



IAEA Activities to transfer Information and Knowledge in Radioactive Waste Management





International Atomic Energy Agency

Atoms for Peace and Development





IAEA – The world's center for cooperation in nuclear



Established in 1957 174 Member States



Tools to capture and transfer Information and Knowledge

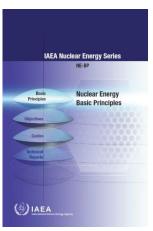




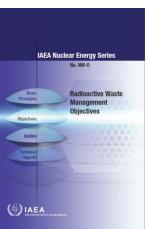


Capturing Information & Knowledge - Publications remain central

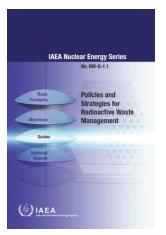
Principles



Objectives



Guides



Technical Reports

- 1. Basis to understand RW
- 2. Options for waste processing
- 3. Implementing disposal programmes

The aim is to provide the basis for integrated planning - evolving the focus from localized considerations, to addressing the overall national responsibilities in an effective manner.







Opportunity for synergies with EURAD and PREDIS

- Continuous engagement since inception of EURAD and PREDIS
 - ✓ Mutual awareness and understanding
 - ✓ Develop similar structures for I&K
 - ✓ Inform when scope and objectives align

Identify opportunities – Examples



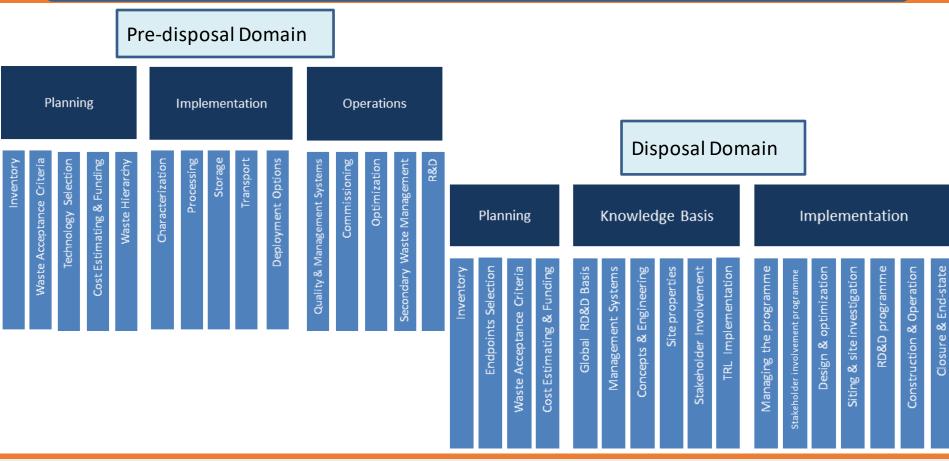
- Establish guidance / status review
- Long term I&K preservation
- Structure and preserve case studies, R&D...
- Training







Structuring I&K - Pre-Disposal & Disposal Domains

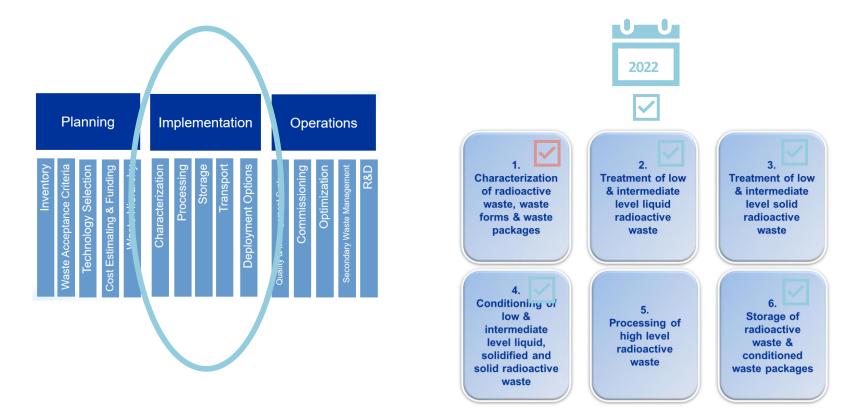








Capturing I&K – Example: Technology Optioneering Predisposal









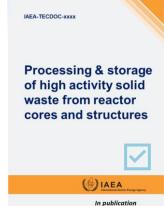
Further examples of thematic Predisposal I&K

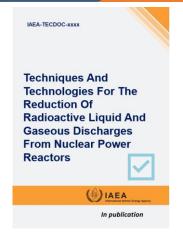


(A) IAEA

In publication

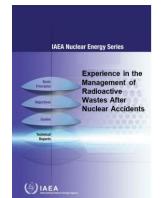






Published or available as prepublication drafts on the web





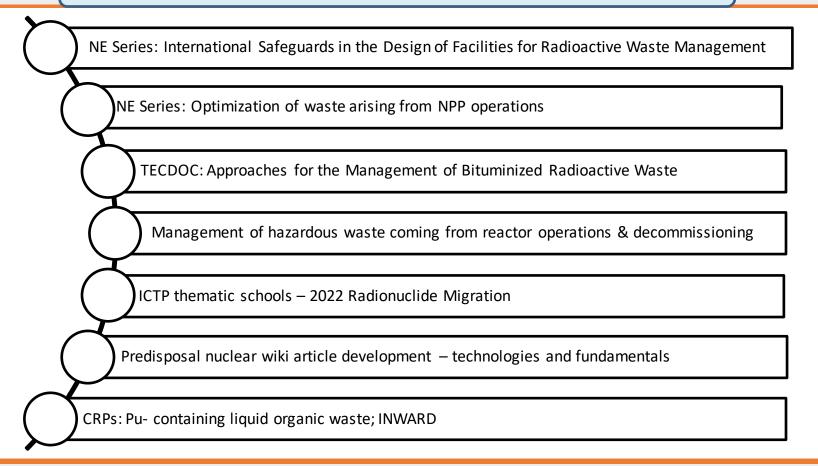








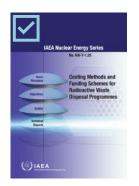
Capturing and Transferring I&K – Predisposal – In Progress

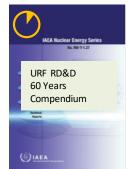




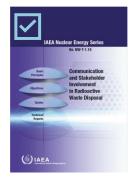


Capturing I&K - Example: Knowledge Basis and Implementation Disposal

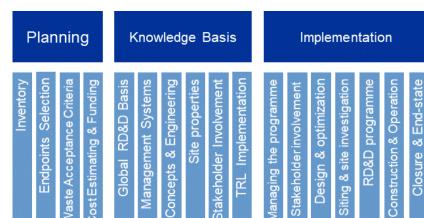


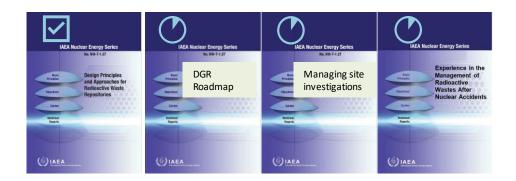










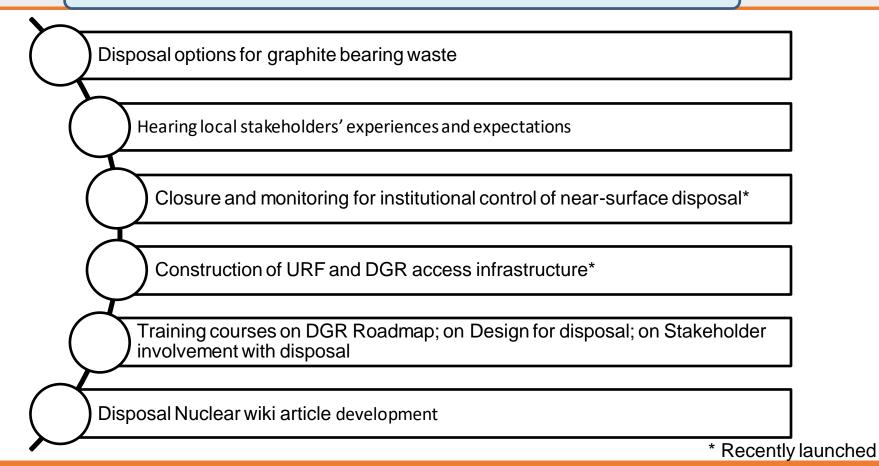








Capturing and Transferring I&K – Disposal – In Progress

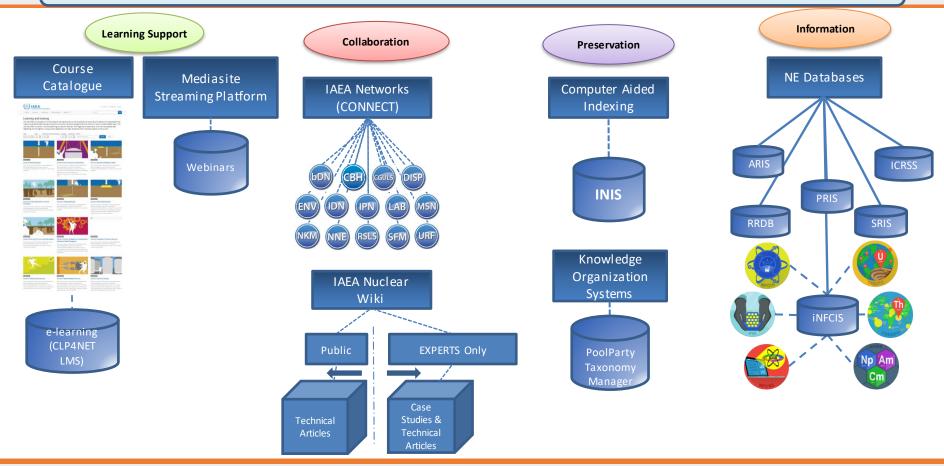








Capturing I&K – E-learning, Webinars, NuclearWiki, INIS, Databases









Capturing I&K – IAEA Nuclear Wiki

- ✓ Easy to use, accessible, semantic K platform
- ✓ Promote exchange of Scientific/Technical information
- ✓ Enables creation, review, sharing of K

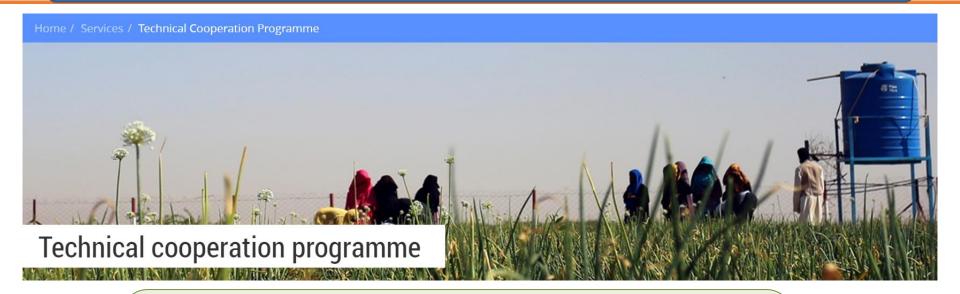




Collaboration



Transferring I&K – The IAEA Technical Cooperation Programme



✓ A major pillar of IAEA transfer of knowledge in RWM is based on Capacity Building through the Technical Cooperation Projects.

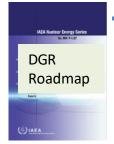
✓ Supported by a suite of training courses (In development)

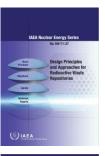






Transferring I&K - Training Courses







- ✓ Learning Objectives
- ✓ Agenda Lectures Exercises
- ✓ Mix of IAEA general guidance (fixed/reference) and National case studies (adjustable to lecturers' expertise)









Basis for course content

Opportunity for synergies with EURAD and PREDIS

✓ Joint development of higher-level guidance or status review (Example "Status&Trends")



✓ Long term I&K preservation – <u>International Nuclear Information System (INIS) | IAEA</u>
(Example "Deliverables of NF-PRO")



✓ Capturing focused I&K – IAEA Nuclear Wiki



✓ Proactive transfer of I&K – Mobility & Training



Benefit from complementarities











Thank you!

Home: International Conference on Radioactive Waste Management: Solutions for a Sustainable Future | IAEA







Useful Links

- Wiki: https://idn-wiki.iaea.org/wiki/Main Page
- Networks: https://nucleus.iaea.org/sites/connect/Pages/default.aspx



- eLearning: https://nucleus.iaea.org/sites/connect-members/LMS/Pages/Module- Mindmap.aspx
- INIS information repository: https://inis.iaea.org/search/















