



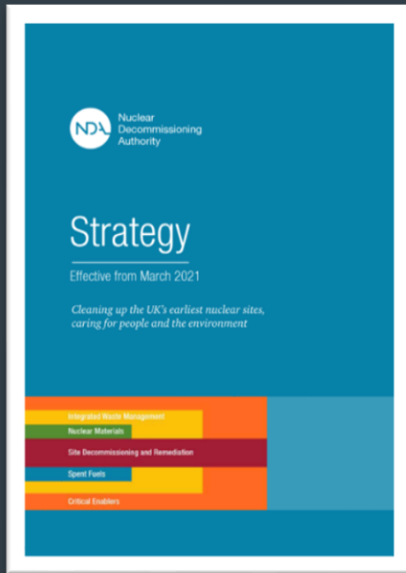
Non-Radiological Inventories Review

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Radioactive Waste Planning Group 25th January 2022

2021

NDA Strategy 4



Objective:
To reduce waste generation and optimise management practices for non-radioactive wastes at NDA sites.



Strategy 4 Commitments:

- We will need to have in place effective and expeditious ways of managing non-rad wastes.
- We will continue to work with the SLCs, Regulators & Stakeholders, including local authorities to ensure appropriate management of non-rad wastes.
- We will make an assessment of current & future plans and implement new solutions where it is appropriate to do so.
- We will seek ways to further optimise our approach taking account of good practice across the group and also within relevant sectors
- We will undertake a strategic review of the way non-rad wastes are currently managed, the robustness of our plans for the future and our ability to deliver the aspirations of relevant strategic initiatives.

Non-Radioactive Waste Problem Statement



Non-rad waste is, by volume, the biggest waste category managed by the NDA Group. As we make progress with our site decommissioning & remediation, the volume of non-rad wastes generated will increase further as we manage arisings from excavation and demolition activities. Within the next decade, there will be a step-change in the level of decommissioning effort across the estate. NDA group needs to ensure that arrangements for non-rad waste management are robust enough to support faster pace and larger scale decommissioning. Effective and timely waste management of all wastes maintains the flow of waste off the NDA's sites for treatment and disposal, enabling operations, decommissioning and remediation.

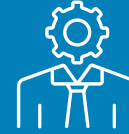


Non-Radioactive Waste Review Objectives

This Project aims to:



OBJECTIVE 01



Build a better understanding of current non-rad waste mgt (including waste arisings, waste routings and arrangements) for each NDA Group

OBJECTIVE 02



Build a better understanding of projected future non-rad waste mgt for each NDA Group Organisation

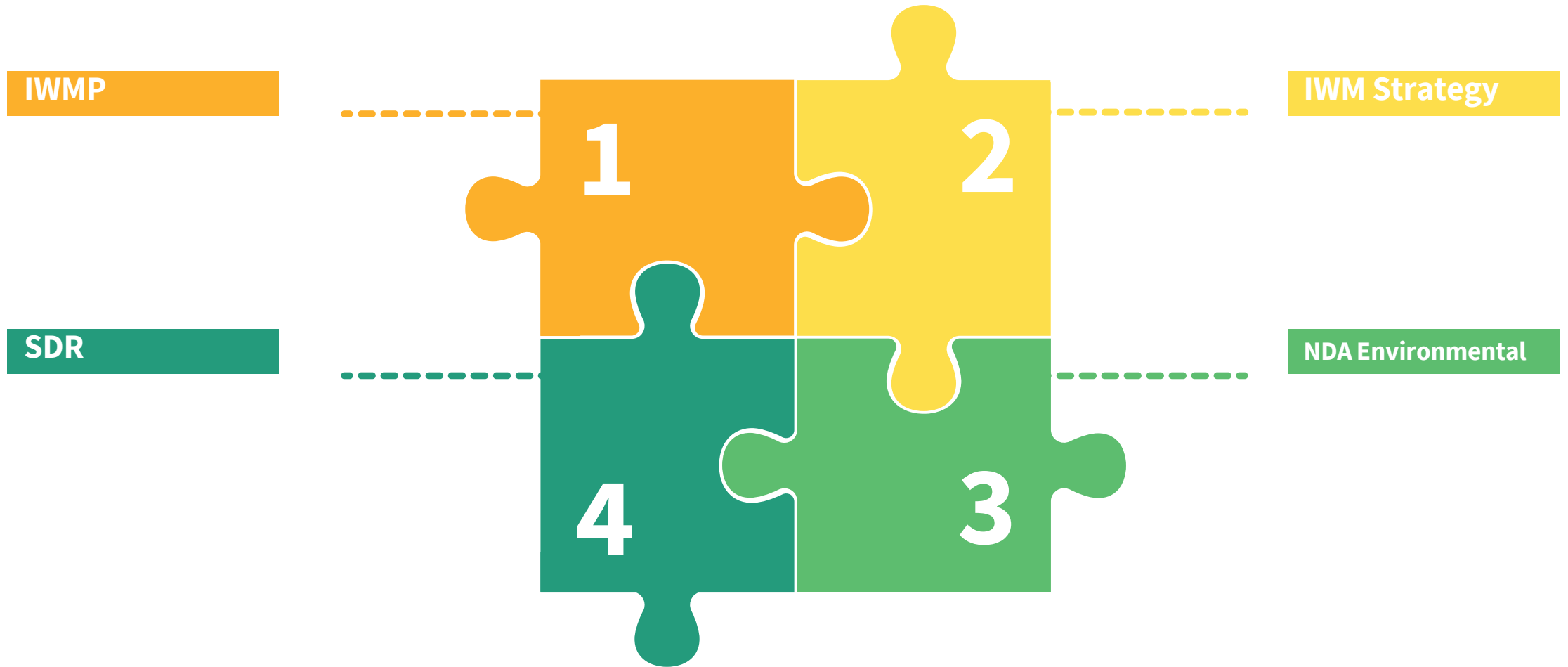
OBJECTIVE 03



Develop a set of non-rad waste mgt plans, including improvement plans for information and waste mgt practices, for the NDA Group

NDA INTERESTED PARTIES

NDA key drivers



PROCESS TIMELINE

Phase 1

Establish Working Group

- Identify participants, including reps from each NDA Group org (both Ops facing and decom/remediation Groups)
- ToR to be developed
- Meetings set up



Phase 2

Defining an Aspirational Future State

- Stakeholder's workshop to define, agree and develop what "good" non-rad waste mgt looks like
- Future state to be documented to clearly set out what we are aspiring to across the NDA Group



Phase 3

Development of CWMPs

- Develop CWMP template (working group meeting to be used as a forum to develop the template)
- CWMP templates to be issued for completion by waste producers (quantity, accuracy & granularity to be taken into account)



Phase 4

Analysis

- Waste producers to submit completed CWMPs that will be then analysed (e.g. identify themes, patterns, outcomes, challenges etc.)
- Production of summary report outlining the findings of the analysis



Phase 5

Action Planning

- Development of local Action Plan (workshops) to explore outcomes of CWMPs and develop Action Plan for Improvement(s)
- Develop a cross-NDA Action Plan to improve CWM arrangements & practices
- Update of organisational CWMPs to incorporate Action Plans

Phase 6

Outcome Sharing

- Presentation of outcomes to the IWMP Steering Group, IWM TOG etc.



CWMP Template

Key Findings

Current State

Note key findings, e.g.

- *What proportion of waste is sent to landfill?*
- *What actions are taken to avoid producing waste?*
- *How is conventional waste management resourced and funded?*
- *What is one of your organisation's key targets for conventional waste?*

Future State

Note key findings, e.g.

- *Are there any major changes expected in routing or route availability for your site or organisation over future time horizons?*
- *Do you anticipate that there will be any significant changes in the availability of on-site facilities, equipment or infrastructure in the future?*

CWMP Template

Key Findings

Impacting Factors

- *Describe any internal or external factors that impact on how your organisation organises, delivers and prioritises conventional waste management now, or that may affect it in the future?*

Data Gaps

- *What are the key data gaps in your conventional waste management plan?*

OFFICIAL Integrated Waste Management Strategy

INTERACTIONS & INTERFACES BETWEEN NON-RAD WASTE INVENTORIES AND OTHER PROJECTS





Making a difference

