



LLW Repository Ltd

**Presentation to West Cumbria Sites
Stakeholder Group**

LTP08

LLWR's Mission

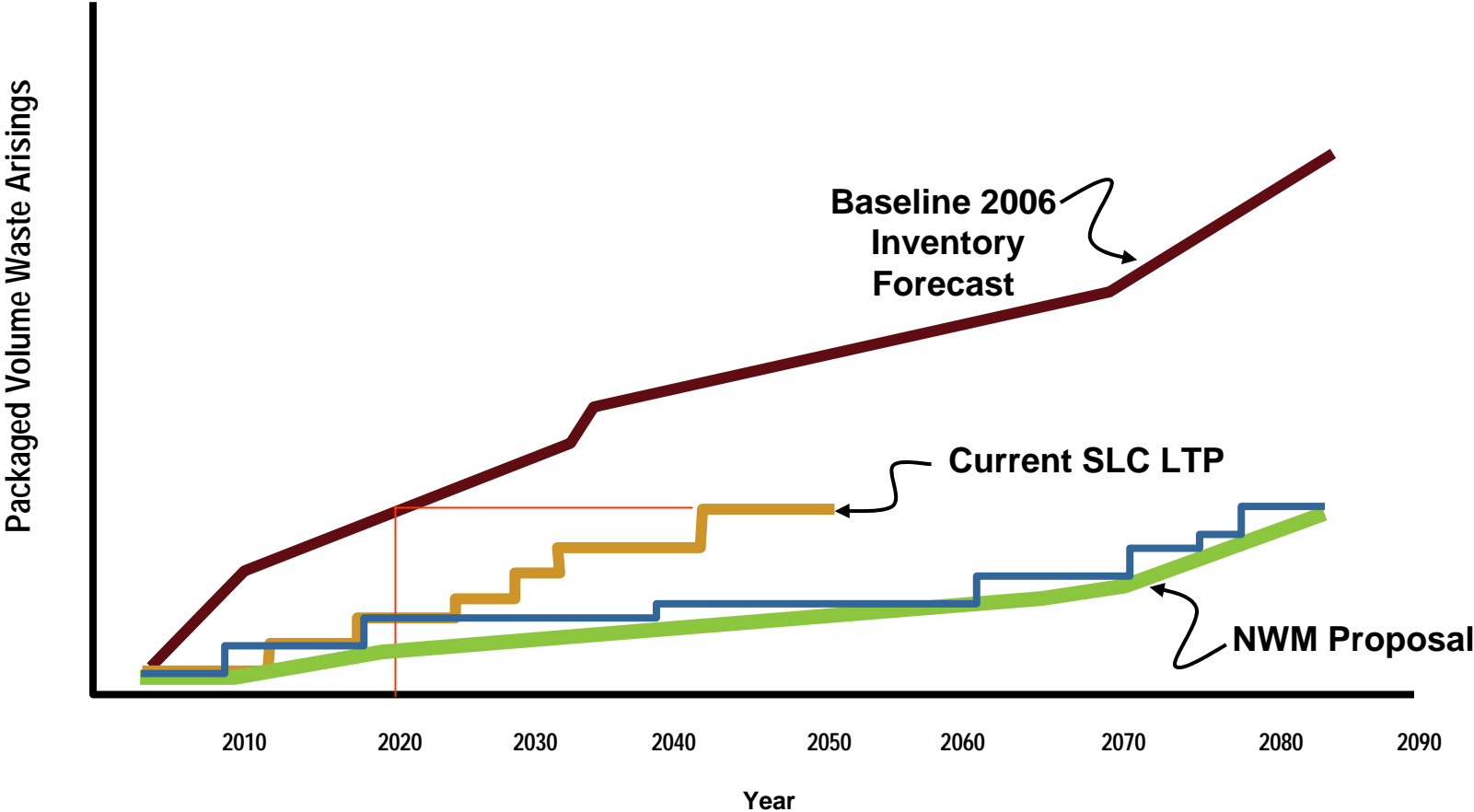
Optimise the approach to LLW Management from both the NDA Decommissioning & Clean-up Programme & the National Estate by:

1. Developing a National strategy for Low Level Waste
2. Safe Management of the LLWR so that treatment & disposal routes are available
3. Assisting the consignors so that the right waste goes to the right place

Contract Strategy

- Establishment of efficient Operations
 - Full Separation from Sellafield
 - Bring in fit for purpose business systems and practises
 - Streamline operations and maintenance
- Waste Hierarchy is at the centre
 - Establishment of a consignor support group
 - Commercial incentives to encourage the hierarchy
 - Innovation projects designed to support the hierarchy
- Keep the doors open longer
 - Fewer vaults needed over a longer period of time
- Becoming a good neighbour

Why the Waste Hierarchy is at the Centre



Development of Lifetime Plan 2008

Objective: to provide the NDA an accurate picture of the expected costs to run the Repository for both the contract period (5 years) AND the period to site closure.

- Incorporate all bid commitments
- Underpin every number with detailed estimates
- Show life cycle savings for both the LLWR and the NDA estate

The Effort

- Invested ~8000 Man-hours over 2½ Months
- 57 Projects
- 14 Site Level documents
- 1 Site Summary
- > 125,000 Words
- >10,000 Activities in LTP Schedule
- > 500 Risks



Key Assumptions

- Waste arisings will be as defined in T1-34-08-LLWR-0930 dated 8th May 2008
- Authorisation for disposal will be granted in 2013 with sufficient radiological capacity to develop the site
- Approval to introduce for specific innovations can be obtained ahead of ESC approval
- Existing rail sidings can support operations, vault construction and capping without a requirement for second rail siding

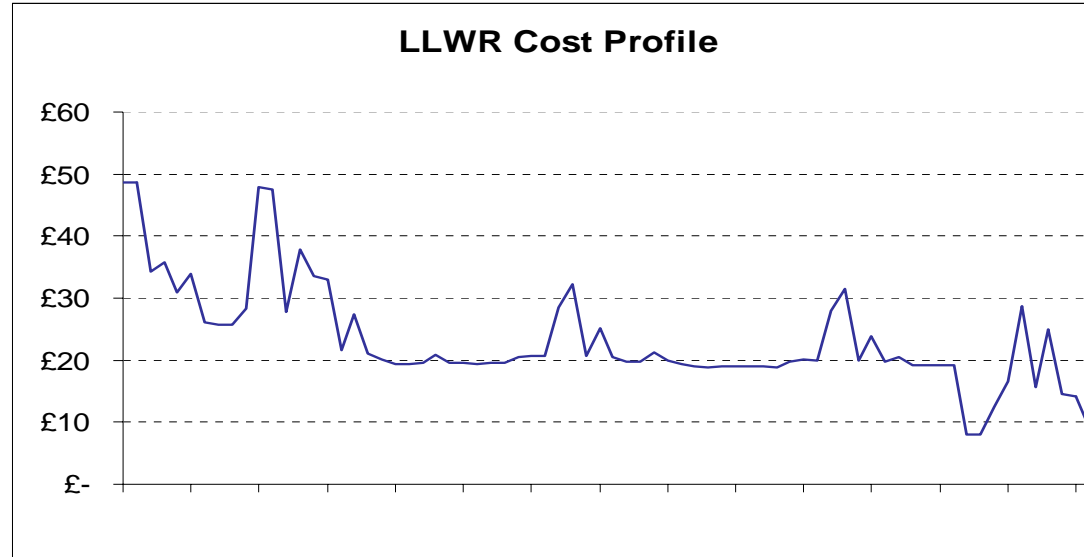
Key Elements in LTP08

- Vault 9 Project
- Delivery of the Environmental Safety Case
- Excellence in Operations
- Development and Integration with a National LLW Strategy
- Innovation Projects
- Site Remediation Projects (PCM and Hex)
- Consignor Support

Lifecycle Overview

2008 – 2080

- Five VLLW Cells
- Four LLW Vaults (9 – 12)
- Operations continue to 2070
- Gull wing Capping in five phases
- Vertical Drains installed 2070-74
- Closure activities essentially unchanged
- Handback to NDA 29th April 2080

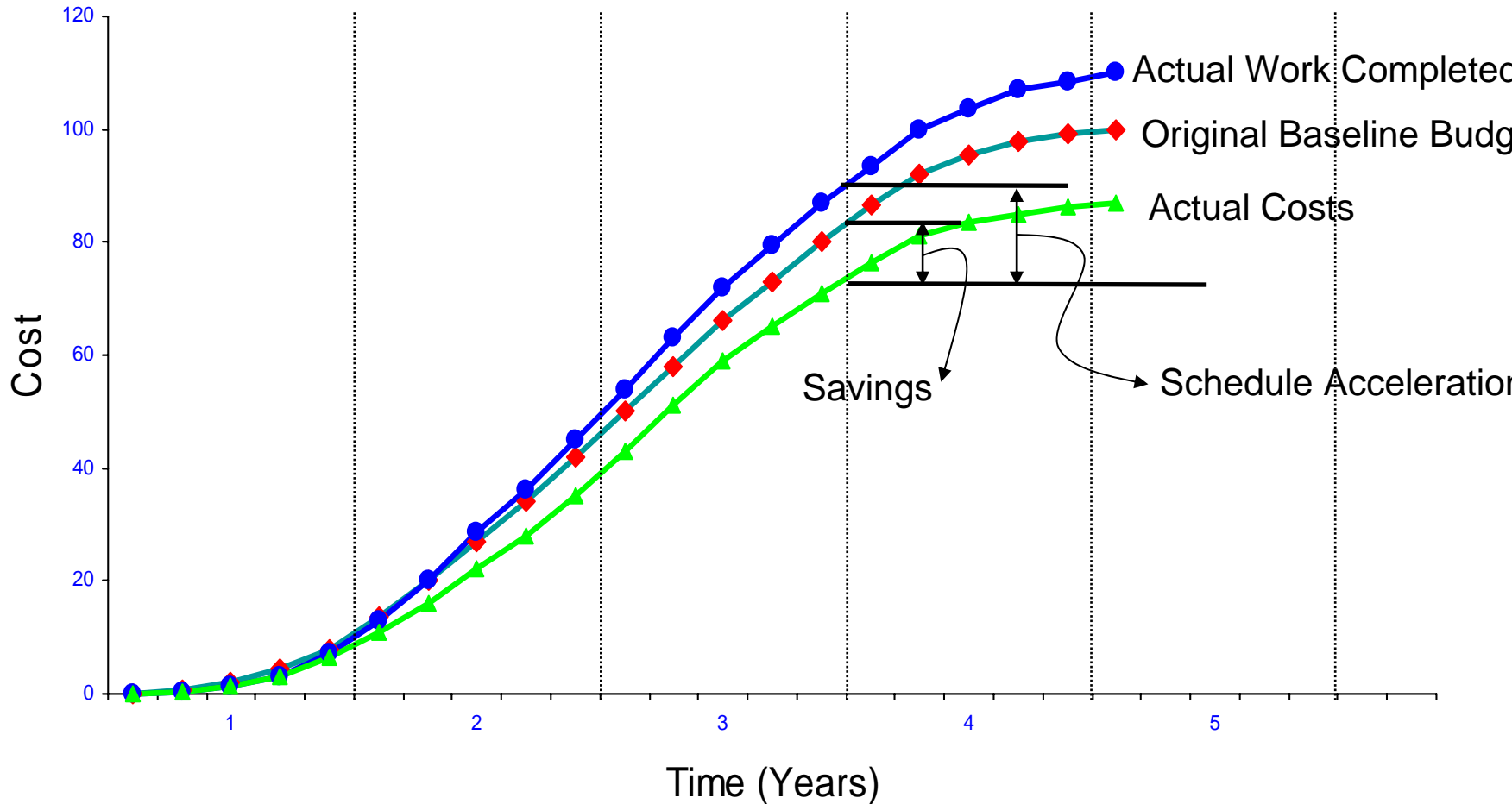


Contract Term Overview

2008 – 2013

- 8 Innovations projects over 10 years
- Vault 9
- ESC submitted 2011
- PCM Decommissioning
- Re-usable containers to be introduced 2010
- Establish an outward looking Services organisation
- Consolidate Site monitoring in one project

Performance Monitoring Over 5-Year Contract



QUESTIONS