



**Dave Wilson**

## About Magnox

- First generation of UK nuclear power stations
- Generated enough electricity to supply a city the size of Greater London for almost 30 years, worth approximately £50 billion
- 50,000 tonnes of Magnox fuel was made – less than 5,000 tonnes left to reprocess
- A workforce of more than 3,500
- Annual programme of £700m
- Two thirds of spend with the supply chain

## Quality Programme Management

### Magnox Optimised Decommissioning Programme

- 10 Site programmes integrated into a single optimised programme
- Projected savings of circa £1b against Magnox baseline
- Cascade down to Site programmes
- Lead and learn – Bradwell and Trawsfynydd to early C&M



# Trawsfynydd Mission

Interim Care & Maintenance: 2016



Care & Maintenance: 2026



## Complex Problems



## Quality Solutions (Complex)

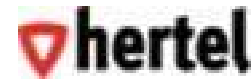


## Quality Solutions (Simple)



## Quality Supply Chain

- Intermediate Level Waste – ACTUS
- Plant & Structures – Celedon
- Civils – Dawnus / Costain / Hertel
- Mobile Active Effluent Treatment Plant – Nuvia
- Health Physics & Safety – Nuvia
- Agency Supplied Worker's – Capita
- Managed Services – Turner & Townsend





## Quality Relationships

- ACTUS Steering Group
- Facilitated workshops
- Contract administration
- Open honest discussions
- Joint targets
- Trust
- Shared resources
- Lesson Learned Reviews



## Quality Stakeholder Engagement

- BBC Wales, S4C and ITV Wales
- Hywel Williams MP (Arfon district)
- Radioactive Waste Management Directorate
- International Atomic Energy Agency
- KEPCO
- Tate Modern Gallery
- Japan Atomic Energy Agency
- Nuclear Waste Research Forum
- European Union Nuclear Safeguards Inspection
- Socio Economic Support: 64 applications during 2012/13 of which 34 were approved (£104,388)

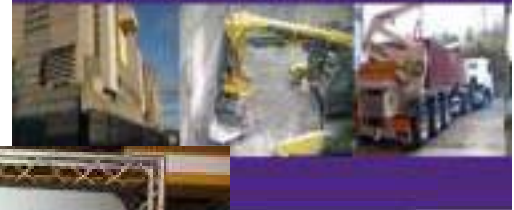


# Quality Workforce Engagement

- i4
- Reward & Recognition
- Transition
- Personal Pathway Planning
- Weekly Briefs
- Monthly stand-downs



Trawsfynydd Weekly Brief - 2013



## Summary

- Many different aspects of quality apply across the whole lifecycle of the Magnox Programme.
- Working together with all our stakeholders, regulators, staff and suppliers is vital to ensure we deliver an effective Decommissioning Programme.