



Nuclear
Decommissioning
Authority

NDA Asset Management to Achieve our Mission

Chartered Quality Institute – NucSIG
Supply Chain Quality

30th April 2009



Purpose

- To keep supply chain informed of NDA work on asset management.
- To explain the NDA view of Asset Management, why it is important and what the benefits are.

NDA Mission and Asset Management

- Safe secure and cost effective decommissioning utilising good practice (Energy Act 2004).
- Manage risks.
- Assure income.
- Optimised use of facilities.
- Optimise lifetime costs.
- Delivery through SLC M&O and Sub Contractors.
- To have fit for purpose asset management that delivers the NDA strategy.

Asset Management Approach

- Benchmark good practice in asset intensive industry.
- Reflect good practice in SLC performance standard.
- Measure SLCs against standard.
- Work with Regulators and SLCs to implement improvements.
- Communicate with interested parties.

Benchmark Findings

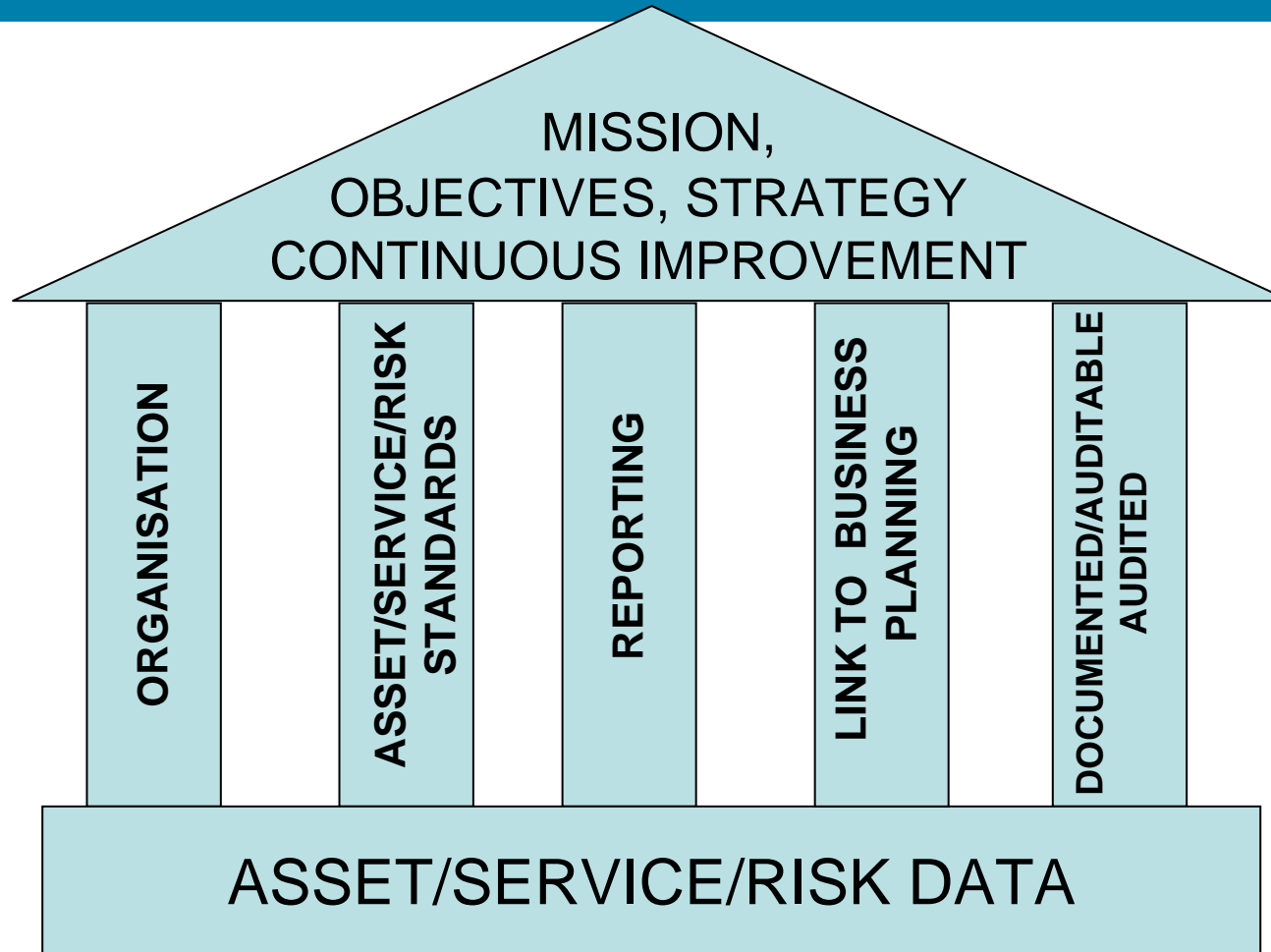
- PAS55 is the first Internationally recognised standard for asset management.
- PAS55 sets a risks based good practice 'Framework'.
- It is compatible with other best practice requirements INPO, WANO, IAEA.
- PAS 55 is comparable with ISO 14001, 9001 and OHSAS18001.
- It is a framework built around the idealised continual business improvement model.
- Companies who utilised asset management based around PAS 55 achieve demonstrable continual improvements in performance.

Definition of Asset Management

Asset Management is defined by PAS 55:

‘Systematic and coordinated activities and practices through which an organisation optimally manages its assets, and their associated performance, risks and expenditures over their lifecycle for the purpose of achieving its organisational strategic plan’

Building the Asset Management House



Asset Management is About a Business Knowing:

- What service it currently delivers and what it needs to deliver in future
- What assets it owns & the condition/performance of its assets
- What risks it has to manage
- How its assets should best be looked after
- When assets need to be repaired or replaced
- What assets will cost over their planned life
- What may need to be done differently in the future

Working together

- The NDA, SLCs and the Supply Chain need to support each other in achieving the NDA Mission
- The NDA needs the Supply Chain to understand asset management expectations.
- The NDA, SLC's and Supply Chain need to work together in delivering effective asset management.
 - Safe and Cost Effective
 - Integration of Business and Asset Management
 - Performance of Assets
 - Knowledge Management
 - Risk Management