



Sellafield Ltd

An Overview of Asset Management at Sellafield

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What is Sellafield?

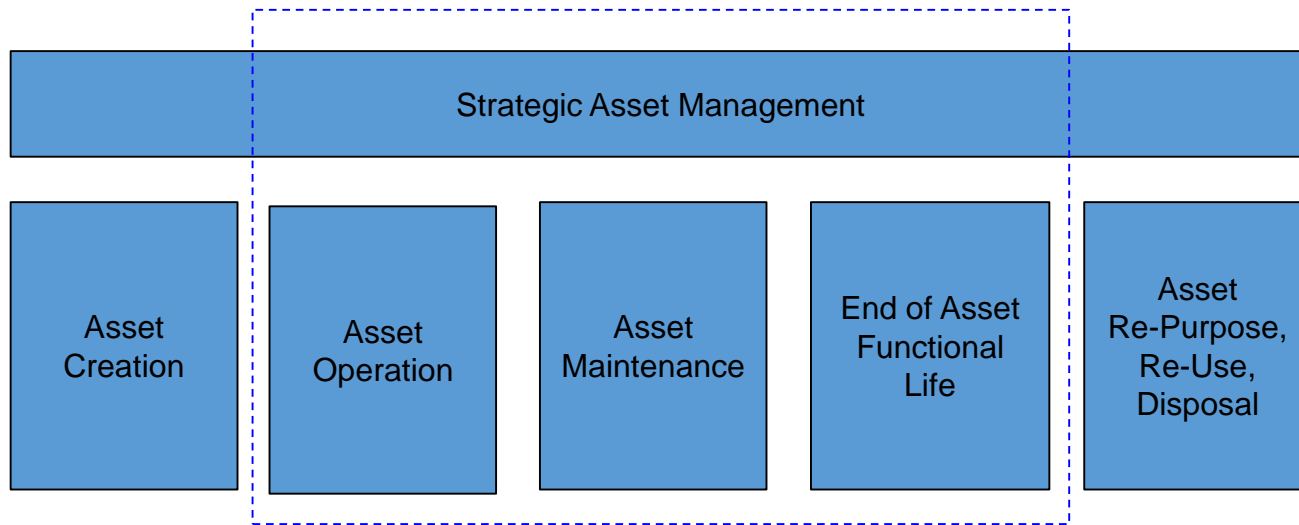
This is Sellafield - Video

<https://www.gov.uk/government/news/this-is-sellafield>

Sellafield Today



Asset Management



BS ISO 55000:2014 fundamentals:

- Value
- Alignment
- Leadership
- Assurance

Value - Organisational Alignment to Value

Strategic Value

Increasing return on taxpayer investment beyond immediate operational delivery



Operational Value

... can only be added in the Value Streams, but is enabled by all departments.

Each Value Stream focuses on a different balance of Risk, Cost and Schedule

Operational value is ...

Retrievals

... reducing high hazard and risk as soon as reasonably practicable

Special Nuclear Materials

... retiring risk through managing special nuclear materials

Spent Fuel Management

... reducing risk through the processing, storage and disposal of spent fuel materials and associated wastes

Remediation

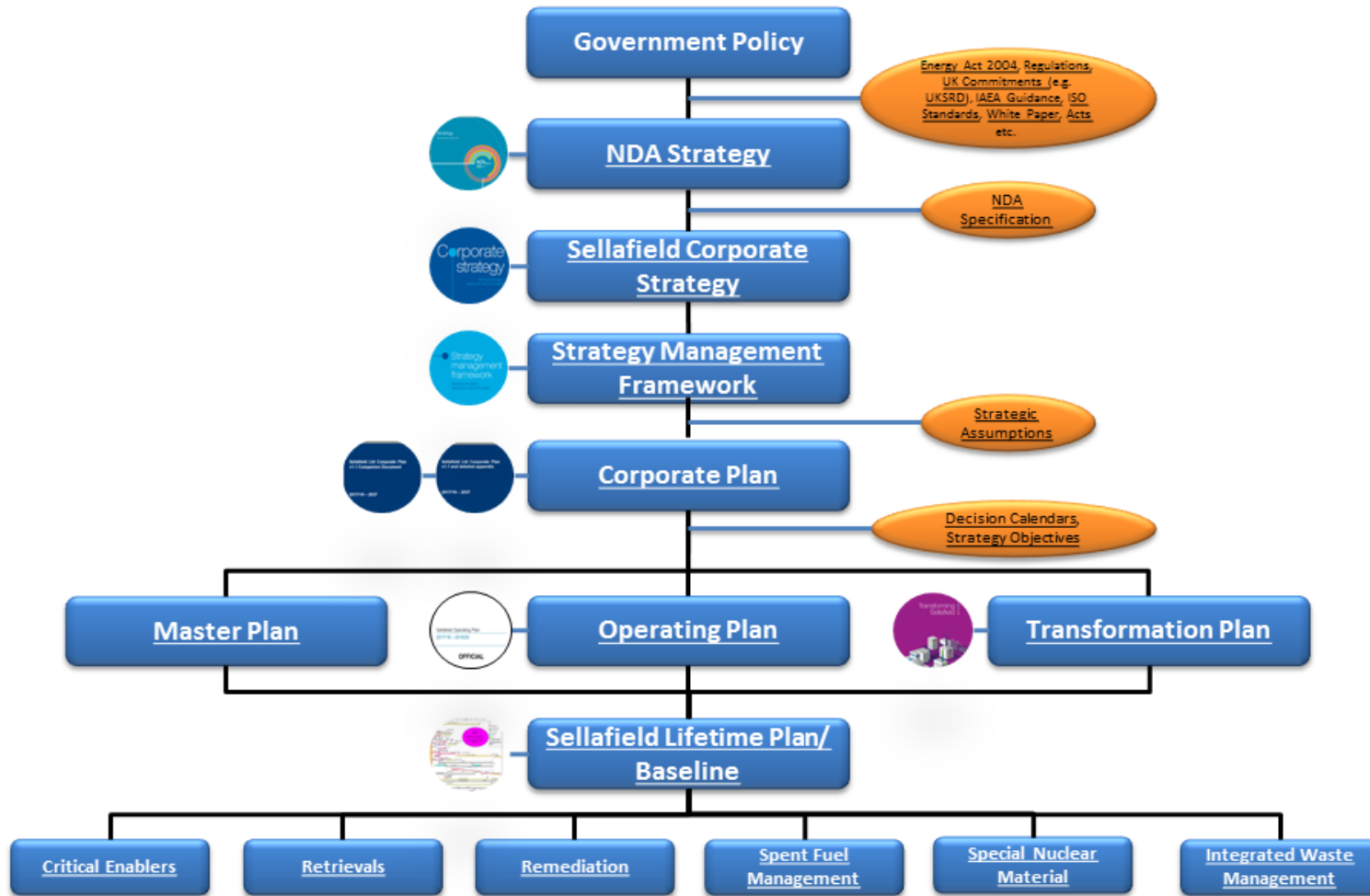
... cleaning up the Sellafield site and reducing the nuclear liability at best life-cycle cost



Right to Operate

Fulfilling our statutory and regulatory obligations for the Enterprise to exist and operate as a Site License Company

Alignment - Strategic Cascade



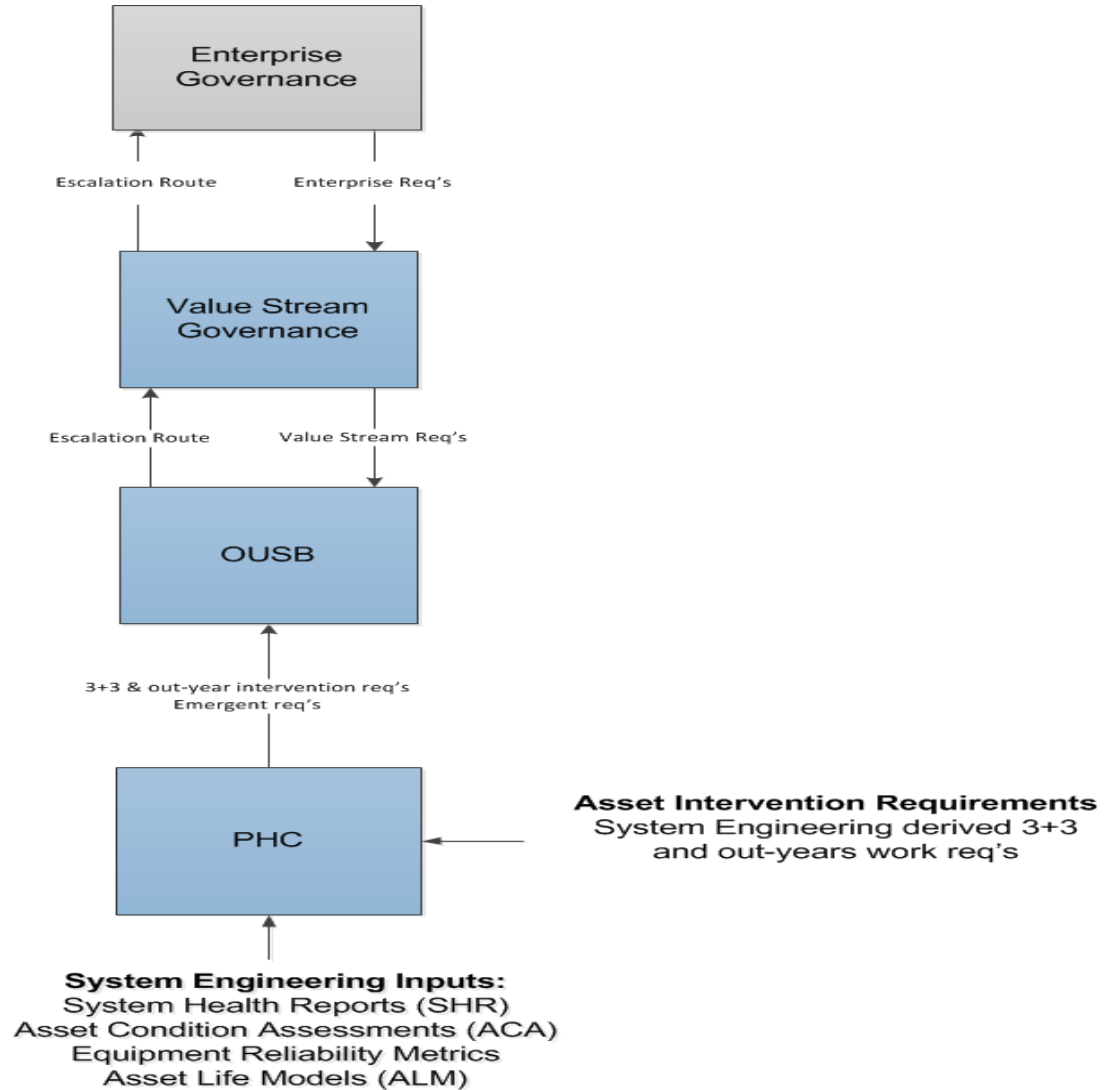
Leadership, Assurance and Governance

Providing an overview of activities across the Enterprise

Providing an overview of activities across the Value Stream

Operating Unit Sanctioning Board (OUSB)
Established to ensure the physical asset intervention requirements are identified and prioritised within the OU

Plant Health Committee (PHC)
Established within asset owning areas to provide governance and oversight of equipment reliability and plant performance issues and risks that pose a threat to the delivery of facility or site objectives.



Decision Support Tools - Asset Lifecycle Modelling

ALM Overview																				
Bldg	PBS	FA ID (CoP)	FA Type	ALM Year	Total	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
GP3BUR1 (C1)	STRUCTURAL WALLS	FA Live																		
		Timeline		Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	
		Condition																		
		Indicative Risk		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
		Issue Count																		
		Cost £k																		
GP3BUS1 (I1)	STRUCTURAL FRAME	FA Live																		
		Timeline		Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	
		Condition																		
		Indicative Risk		16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
		Issue Count																		
		Cost £k																		
GP3BSR1 (I1)	RETAINING WALLS	FA Live																		
		Timeline		Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	
		Condition																		
		Indicative Risk		16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
		Issue Count																		
		Cost £k																		
GP3BSF1 (I1)	FOUNDATIONS	FA Live																		
		Timeline		Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	
		Condition																		
		Indicative Risk																		
		Issue Count																		
		Cost £k																		
GP3BAR1 (I1)	ROOFING AND WATERPROOFING	FA Live																		
		Timeline		Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	
		Condition																		
		Indicative Risk		16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	21	21
		Issue Count																		
		Cost £k																		
GP3BAW1 (S1)	ENVELOPE WALLS	FA Live																		
		Timeline		Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	Ops	
		Condition																		
		Indicative Risk		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
		Issue Count																		
		Cost £k																		

Summary

- Understanding Organisational Value and how the Assets are enabling Value creation (Importance of assets)
- Alignment of Organisational Objectives to the Physical Assets and any risks (threats and opportunities) to delivery.
- Balancing Cost, Risk and Performance
- Recommend IAM Big Picture and BS ISO 55000:2014
 - www.theiam.org

Questions?