HARDIUM

Capability Statement

NUCLEAR • FUEL CYCLE • COMAH • HIGH-HAZARD

Making complex delivery work across organisational boundaries.

Independent in judgement. Collaborative in approach.
Uncompromising on accountability.



THE CHALLENGE

Major programmes depend on capable clients, contractors and specialist suppliers. Yet work can stall where responsibilities, scope, commercial incentives, engineering requirements, assurance and decisions cross organisational boundaries. More reporting or another layer of governance is rarely the answer.

WHAT HARDIUM DOES

Hardium helps clients and their delivery partners remove the friction that delays work, increases cost and weakens control. We identify the underlying constraints, constructively challenge assumptions, develop practical options with those involved, enable accountable decisions and support implementation. We reinforce existing delivery arrangements rather than replace them.

WHERE WE MAKE A DIFFERENCE



INTERFACES & INCENTIVES

Clarify ownership and dependencies; align contractual, organisational and supply-chain incentives with shared delivery outcomes.



SCOPE & COMMITMENTS

Test requirements, exclusions, assumptions, scope packaging, risk allocation and readiness before commitments harden.



DECISIONS & GOVERNANCE

Clarify authority and evidence; remove avoidable approval loops while preserving necessary safety, regulatory and commercial controls.



INDEPENDENCE & CONFLICTS

Identify, declare and manage conflicts, self-review risks and competing interests so parties can collaborate with confidence.

THE OUTCOME

Clearer commitments. Faster, better-informed decisions. Fewer unresolved cross-party constraints. More predictable mobilisation and delivery. Proportionate assurance and retained client control. For nuclear retrievals and decommissioning, this supports safe, accelerated hazard and risk reduction.

WHO BENEFITS

Asset owners gain visibility and effective decision pathways. Tier 1 partners gain clearer instructions and fewer avoidable client and supply-chain barriers. Specialist suppliers gain better-defined interfaces, commitments and escalation routes. Everyone retains their contractual responsibilities.

HOW HARDIUM WORKS

Constructive challenge. Practical resolution.

Experienced people, a structured method and a mandate focused on outcomes.

A REPEATABLE INTERVENTION



01 Understand

Establish the objective, critical commitments, affected organisations and baseline measures.



02 Diagnose

Map interfaces, incentives, scope boundaries, evidence, decisions, dependencies and conflicts.



03 Challenge & align

Test assumptions fairly; develop options with affected parties and expose the consequences of inaction.



04 Enable

Present decision-ready recommendations, owners, latest responsible points and practical escalation routes.



05 Support & verify

Help implement agreed actions and measure whether friction, delay and exposure have reduced.

BUILT ON DELIVERY EXPERIENCE

Hardium combines senior engineering leadership, nuclear fuel-cycle and retrievals knowledge, process and functional safety, technical assurance, programme readiness and recovery, organisational capability and knowledge management. Our selected specialists are deployed for relevant experience and judgement—not simply availability.

Representative experience across Hardium leadership and specialists includes nuclear fuel-cycle programme definition, retrievals and decommissioning, engineering governance and programme recovery, COMAH facility leadership, regulated engineering capability growth and advanced manufacturing delivery. Individual experience is distinguished from Hardium corporate contract history.

CONTROL FROM THE START™ AND HPDS

Control from the Start™ (CfTS) provides structured, proportionate tests of requirements, assumptions, interfaces, competence, evidence and decision ownership before commitments embed risk. The Hardium Programme Delivery System (HPDS) provides a controlled way to mobilise the right people, execute the agreed scope, manage quality and learn from results.

OUR OPERATING PRINCIPLES

- Client authority remains with the client; contractor responsibilities remain with the contractor.
- Independence is protected through engagement-specific conflict screening, confidentiality and transparent escalation.
- No-blame does not mean no accountability: challenge is evidence-led, fair and directed at improvement.
- Measures are agreed at the outset: decision lead time, mobilisation lead time, overdue interfaces, rework and closure of agreed actions.

HARDIUM

START WITH THE CONSTRAINT, NOT A SERVICE CATALOGUE

Tell us where work is getting stuck, where responsibilities or incentives are misaligned, or where a decision cannot move forward. We will propose a proportionate, defined intervention and the people best suited to deliver it.

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