

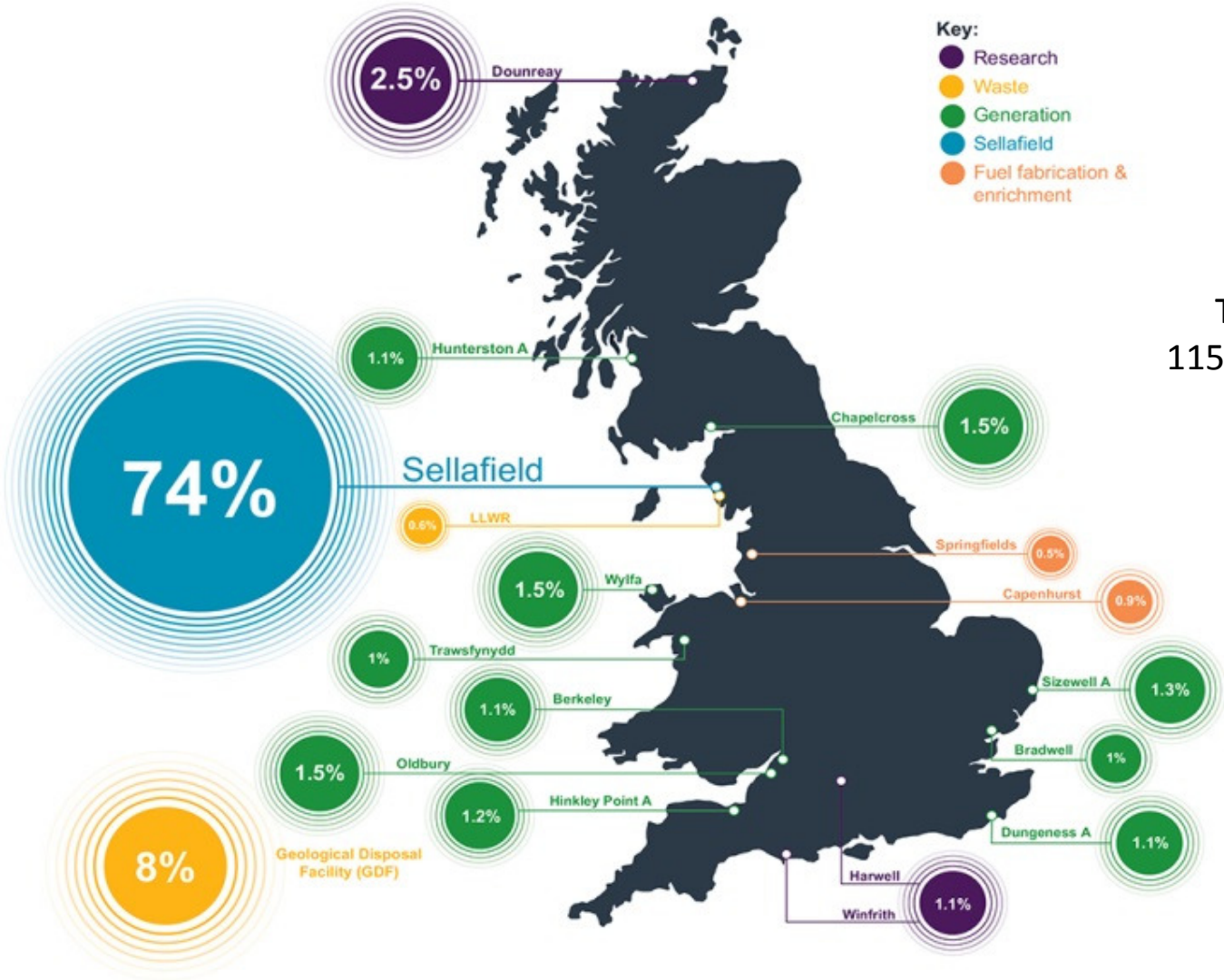
Nuclear Decommissioning Authority- Addressing the UK's Civil Liability

Dr Brian Burnett

NDA Head of Programme-Magnox

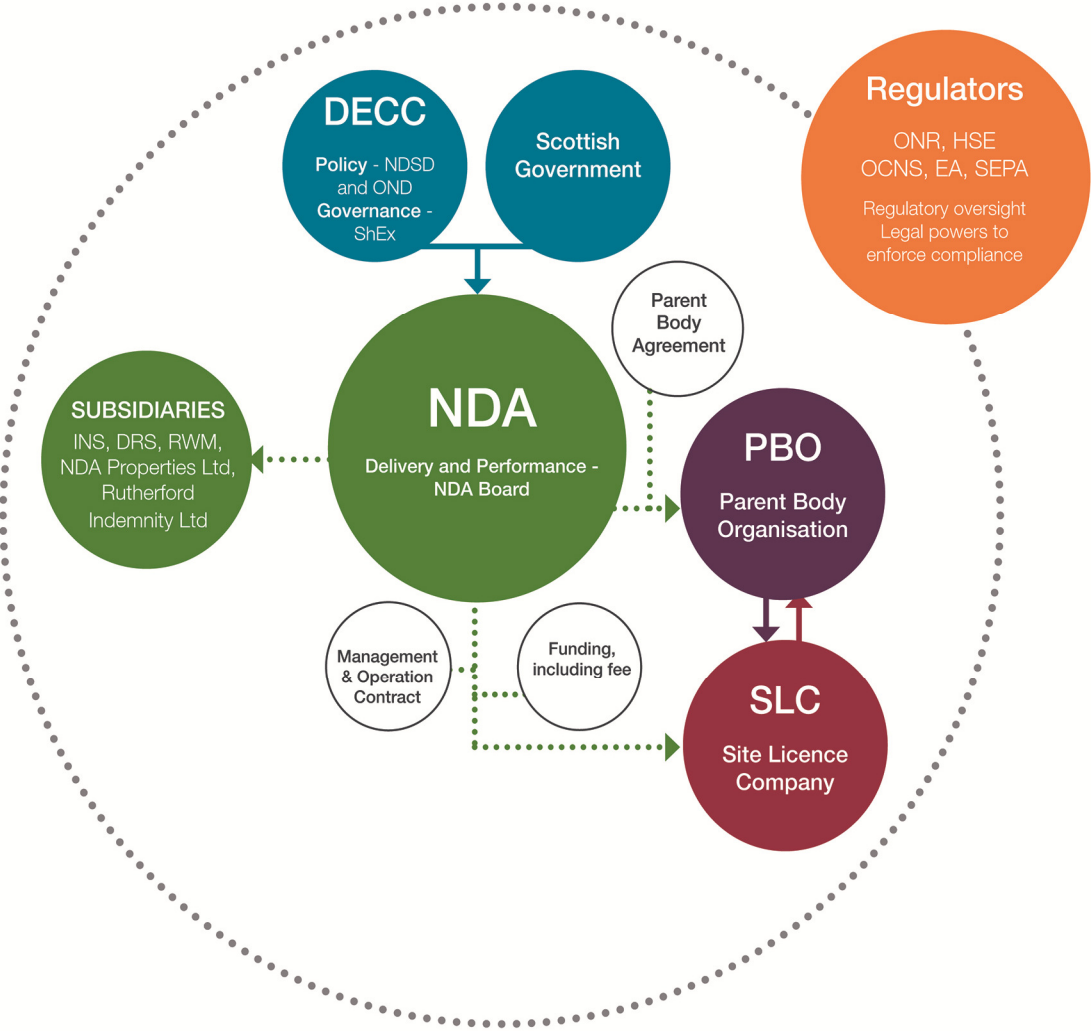


Cost of the mission

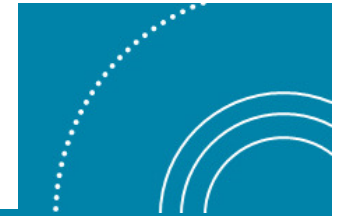


Total estimate of the 115 year mission = £115Bn

Role of the NDA



Programme: Magnox – Site Lifecycles



Our phases of work

Generation



During generation Magnox will maximise electricity generation while ensuring continued excellent performance in nuclear safety and operations.

Defuelling



Reactors, cooling ponds and fuel cells containing used fuel are emptied, and the fuel is transferred off-site for reprocessing. Redundant plant can also be removed.

C&M Preparations



During this phase hazards are reduced, buildings are deplanted and demolished. Waste is managed and maintenance requirements minimised.

Care & Maintenance



The site is maintained in a passively safe and secure state while radiation levels are left to decay naturally.

Final Site Clearance



This is the last stage in a site's lifecycle with the removal of reactor vessels and building demolition. Sites will be declassified as nuclear licensed sites.

What lessons have we learnt ?



- Stakeholders are important
- An intelligent customer must be both
- Programmes are not optimal as they are delivered under constrained funding and resources
- Contract incentives and rewards must align with the desired outcome
- It's the people managing our businesses who are important not the organisations?
- Risk needs to be apportioned to those able to manage it
- Be clear with all what the priorities are:
 - Safety and security
 - A well run organisation
 - Delivery performance against a good plan
 - Collect and report the right information
 - Only reward success

