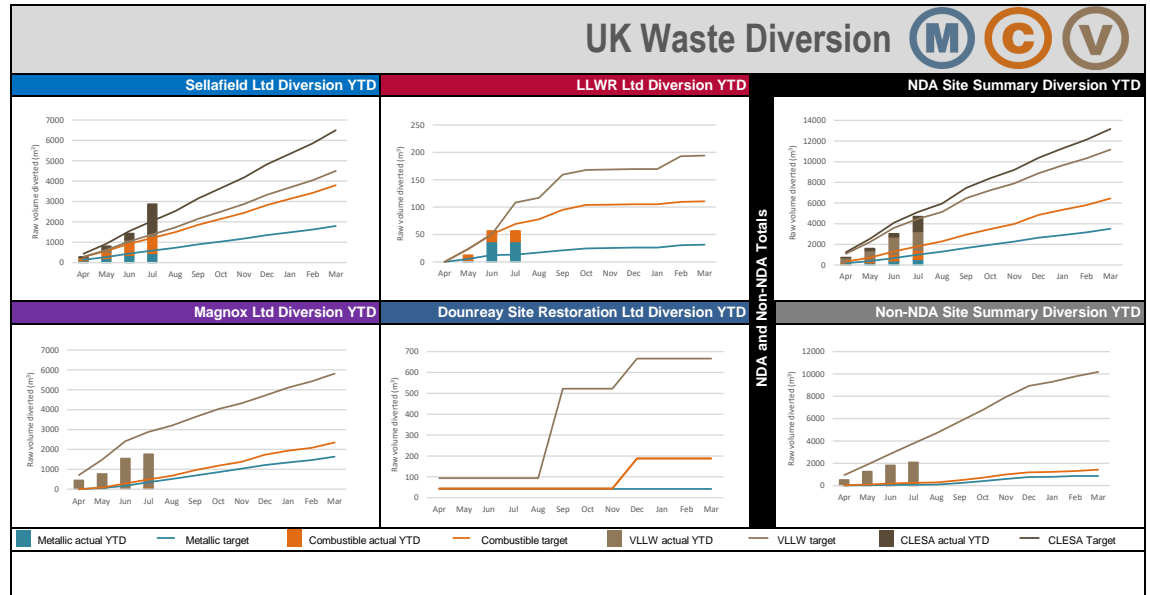


July 2021 Waste Metrics Dashboard

Period 4: 27th June to 24th July FY21/22

Diversion / Disposal Route	Sellafield Ltd		Magnox Ltd		LLWR Ltd		Dounreay Site Restoration Ltd		NDA Total		Non-NDA Total	
	Target	Actual	Target	Actual	Target	Actual	Target	Actual	Target	Actual	Target	Actual
Metallic (t)												
Onsite treatment	0	0	25	0	0	0	0	0	25	0	0	0
Via Framework	900	295	1611	54	31	7	42	0	2584	355	398	0
Direct Contracts	0	0	0	0	0	0	0	0	0	0	38	0
Out of scope	900	160	0	7	0	30	0	0	900	198	423	0
TOTAL METALLIC	1800	455	1636	61	31	37	42	0	3509	553	859	0
Combustible (m³)												
Onsite treatment	0	0	0	0	0	0	0	0	0	0	0	0
Via Framework	2000	818	712	53	79	20	146	0	2938	891	125	7
Direct Contracts	0	0	0	0	0	0	0	0	0	0	439	0
Out of scope	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL COMBUSTIBLE	2000	818	712	53	79	20	146	0	2938	891	564	7
VLLW (m³)												
Onsite disposal ^{2,3}	2000	1439	0	0	0	0	48	0	2000	1439	0	0
Via Framework	700	161	3445	1646	84	0	479	0	4707	1806	8758	2077
Direct Contracts	0	0	0	0	0	0	0	0	0	0	0	0
Out of scope	0	0	20	0	0	0	0	0	20	0	0	0
TOTAL VLLW DIVERTED	2700	1599	3465	1646	84	0	479	0	6727	3245	8758	2077
Sort and Segregation (m³)	0	0	0	0	35	0	0	0	35	0	0	0
LLW Disposal (containers)	40	2	52	1	5	0	50	0	97	3	35	0
ILW to LLW (m³)	50	0	305	0	136	0	0	0	491	0	44	0



LLWR Waste Management Services Project Focus - ODP Project Overview



Purchase of Flatrack trailers and creation and approval of a suitable Loading Plan has allowed a greater number of ODP sections to be transported on each journey from Harwell to the Augean treatment facility at Port Clarence, Teesside, reducing the time taken to deliver the project and the number of road transports, thereby reducing the associated cost and carbon footprint.

Furthermore, the proven cleaning and decontamination method identified shall drastically reduce the amount of waste metal that would otherwise need to be consigned to the Low-Level Waste Repository; only contaminated scale/bitumen and secondary waste shall need to be processed further prior to treatment/disposal i.e., incineration or landfill as VLLW.

The proven method shall allow the majority, if not all, of the ODP sections to be reclassified as suitable for release as Out of Scope materials to be returned for mainstream circulation through the recyclable metal framework, providing a significant saving to the NDA. Additionally this meets the principles of the Waste Hierarchy and thereby being significantly better for the environment.

The Oldbury Offsite Discharge Pipework (ODP) was excavated and taken to the Harwell Site for temporary storage. From there, it will be transported to the Augean facility at Port Clarence, Teesside for treatment.

UK Nuclear Sites and Waste Management Capability

- NDA Estate Sites**
1. Low Level Waste Repository
 2. Sellafield
 3. Hunterston A
 4. Chapelcross
 5. Wylfa
 6. Trwstynnydd
 7. Berkeley
 8. Oldbury
 9. Hinkley Point A
 10. Dungeness A
 11. Bradwell
 12. Sizewell A
 13. Harwell
 14. Winfrith
 15. Dounreay

- Chemical Plants And Other Facilities (Non-NDA)**
16. GE Healthcare, Cardiff
 17. GE Healthcare, Amersham
 18. Springfield Fuels
 19. URENCO

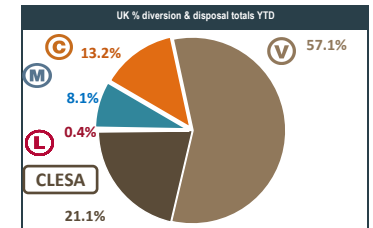


- Defence And/Or Submarine Sites 20.**
21. Vulcan Naval Reactor Test Establishment
 22. Clyde Naval Base
 23. Rosyth
 24. Barrow
 25. Devonport Naval Base
 26. Raynesway
 27. Derby
 28. Burghfield
 29. Aldermaston

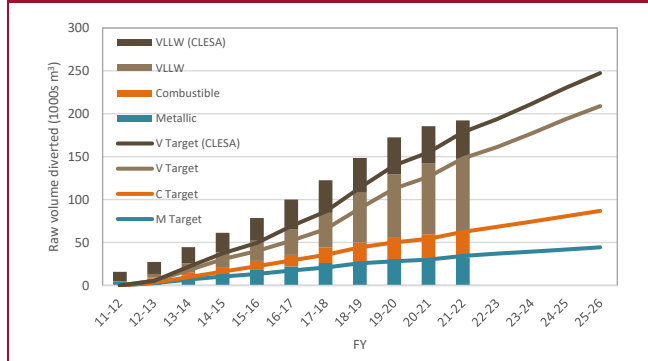
- Nuclear Power Stations**
30. Hunterston B
 31. Torness
 32. Hartlepool
 33. Heysham 1 & Heysham 2
 34. Hinkley Point B
 35. Sizewell B
 36. Dungeness B

- Supply Chain Infrastructure Sites**
37. Suez
 38. Grundons
 39. Veolia
 40. Tradebe Inutec
 41. Doosan Babcock
 42. Cyclife
 43. Tradebe Fawley

Non-NDA Estate Waste Diversion (m³)	M	C	V
Cyclife	0	0	216
AWE Aldermaston	0	0	0
EDF Energy	0	0	0
Urenco UK	0	0	0
Tradebe Inutec Ltd	0	0	191
Urenco Nuclear Stewardship	0	0	1568
UniTech	0	0	0
Minor Waste Producers	0	7	101

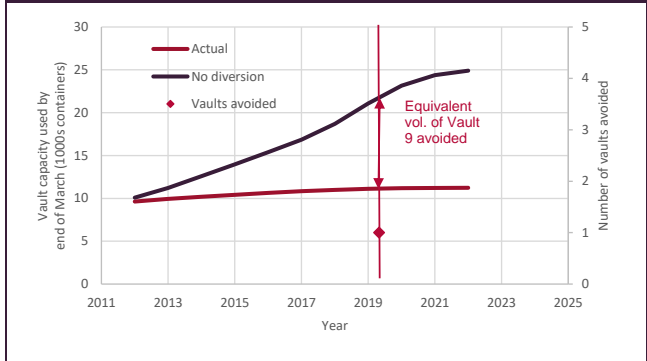


UK total waste volume diverted since Programme initiation



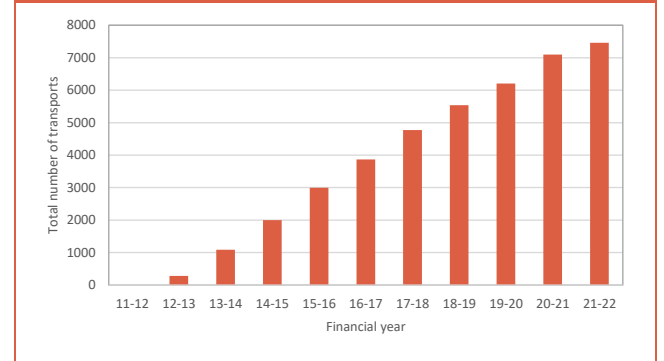
	M	C	V	CLESA
Year to date	553 m³ diverted	898 m³ diverted	3,883 m³ diverted	1,439 m³ diverted
Since Programme initiated	32,615 m³ diverted	28,404 m³ diverted	85,797 m³ diverted	30,439 m³ diverted

Total no. of equivalent HHISO containers saved by diversion



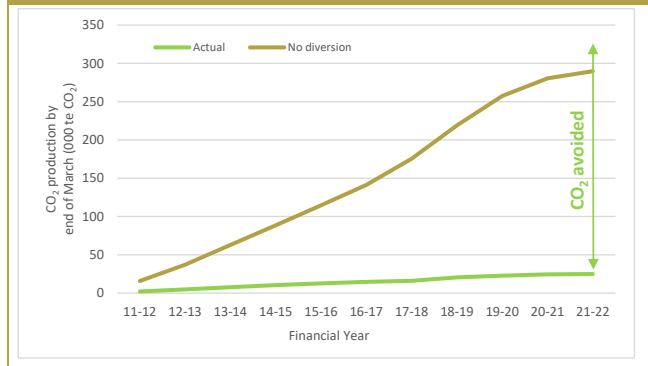
Year to date	502 containers saved	10,304 m³ saved	The volume diverted is equivalent to the volume of four Olympic swimming pools.
Since Programme initiated	13,670 containers saved	280,595 m³ saved	The volume diverted is equivalent to the volume of 112 Olympic swimming pools

UK total diversion transports since Programme initiated



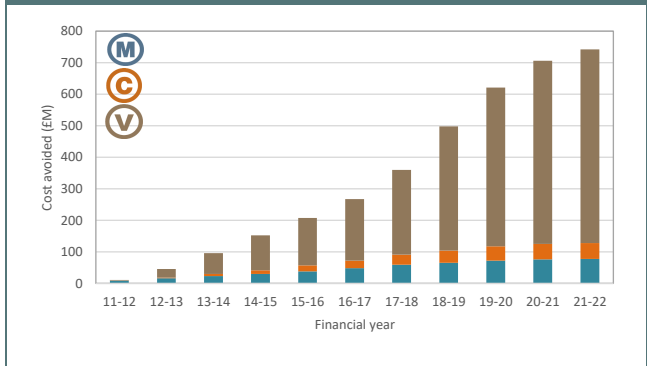
Year to date	362 transports	72,400 miles	The mileage done is the equivalent of travelling down the River Nile seventeen and a half times
Since Programme initiated	7,459 transports	1.5M miles	The mileage done is the equivalent of travelling the length of the River Niles 363 times

Environmental benefit of UK diversion CO2 avoided



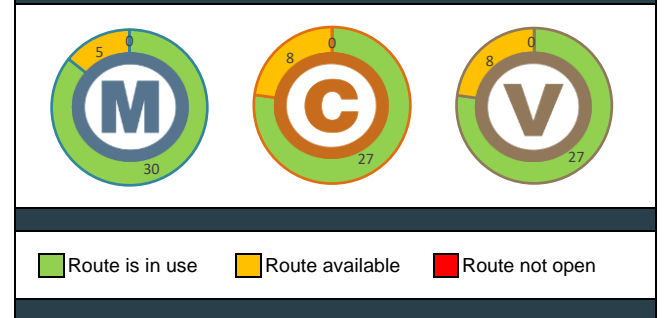
Year to date	8,930 te avoided	94%	Is enough to fill 1792 hot air balloons
Since Programme initiated	264,845 te avoided	91%	This is the equivalent of 529748 hot air balloons

UK total cost avoidance since Programme initiated



Year to date	£ 35.9M	The cost avoidance from this FY would be enough to pay for 16,635,945 Oxford AstraZeneca Covid vaccines
Since Programme initiated	£ 742.4M	This would be enough to vaccinate the UK population 5 times over

No. of organisations with access to diversion routes



Additional Commentary

1 - DSRL DLLW and LLW disposals are consigned to their on-site D3100 vault and are therefore not factored into NDA totals / benefits.
 2 - Onsite VLLW disposal includes waste disposed to Sellafield's CLESA facility, however, this material does not contribute to benefits calculations, with the exception of total volume diverted (i.e. HHISOs saved, environmental benefit, cost avoidance do not include CLESA).
 3 - Onsite VLLW disposal at DSRL was not destined for disposal at the Repository, and therefore does not contribute to the Total value.