

March 2012 Waste Metric Dashboard

The National Waste Programme aims to communicate the successes, risks and opportunities in the implementation of the Waste Hierarchy and the Nuclear Industry Strategy for Low Level Waste Management across the UK. Key metrics will be used to demonstrate: the successful diversion of waste away from direct disposal; and the optimal use of key national assets, such as LLWR and waste treatment facilities on sites around the UK. The objective is to encourage transparency and communicate progress to all stakeholders.

UK Segregated waste consignments

Key

- 10te (metal)
- 10m³ (combustible)
- △ 10m³ (very low level waste)

□ Operating Plan Stretch Target, metallic waste, 2011/12

■ Metallic waste delivered/treated in 2011/12

▣ Metallic waste delivered/treated in 2011/12 via framework

○ Operating Plan Stretch Target, combustible, 2011/12

● Combustible waste delivered/treated in 2011/12

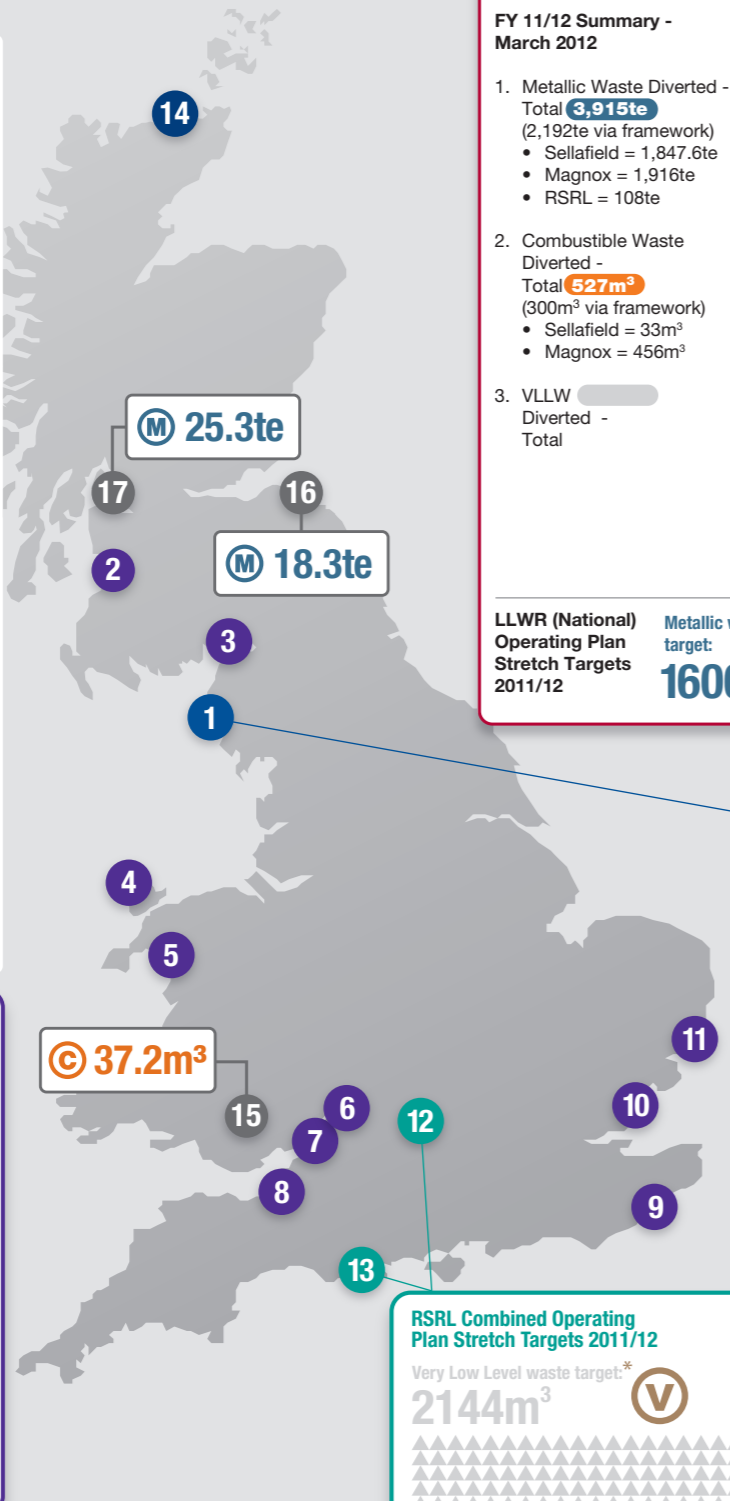
○ Combustible waste delivered/treated in 2011/12 via framework

△ Operating Plan Stretch Target, very low level waste, 2012/13

▲ Very Low Level waste delivered/treated in 2012/13

△ Very Low Level waste delivered/treated in 2012/13 via framework

- 1 Sellafield
- 2 Hunterston A
- 3 Chapelcross
- 4 Wylfa
- 5 Trawsfynydd
- 6 Berkeley
- 7 Oldbury
- 8 Hinkley Point A
- 9 Dungeness A
- 10 Bradwell
- 11 Sizewell A
- 12 Harwell
- 13 Winfrith
- 14 Dounreay
- 15 UniTech
- 16 Torness
- 17 HMNB-Clyde



Summary Data – Metallic & Combustible Waste

FY 11/12 Summary - March 2012

- Metallic Waste Diverted - Total 3,915te** (2,192te via framework)
 - Sellafield = 1,847.6te
 - Magnox = 1,916te
 - RSRL = 108te
- Combustible Waste Diverted - Total 527m³** (300m³ via framework)
 - Sellafield = 33m³
 - Magnox = 456m³
- VLLW Diverted - Total**

LLWR (National) Operating Plan Stretch Targets 2011/12

- Metallic waste target: **1600te**
- Combustible waste target: **300m³**
- Very Low Level waste target: **2800m³**

Magnox Sites Combined Operating Plan Stretch Targets 2011/12

- Metallic waste target: **606te**
- Combustible waste target: **250m³**
- Very Low Level waste target: **623m³**

Sellafield Operating Plan Stretch Targets 2011/12

- Metallic waste target: **1200te**
- Very Low Level waste target: **50m³**
- Combustible waste target: **30m³**

RSRL Combined Operating Plan Stretch Targets 2011/12

- Metallic waste target: **75te**
- Very Low Level waste target: **2144m³**

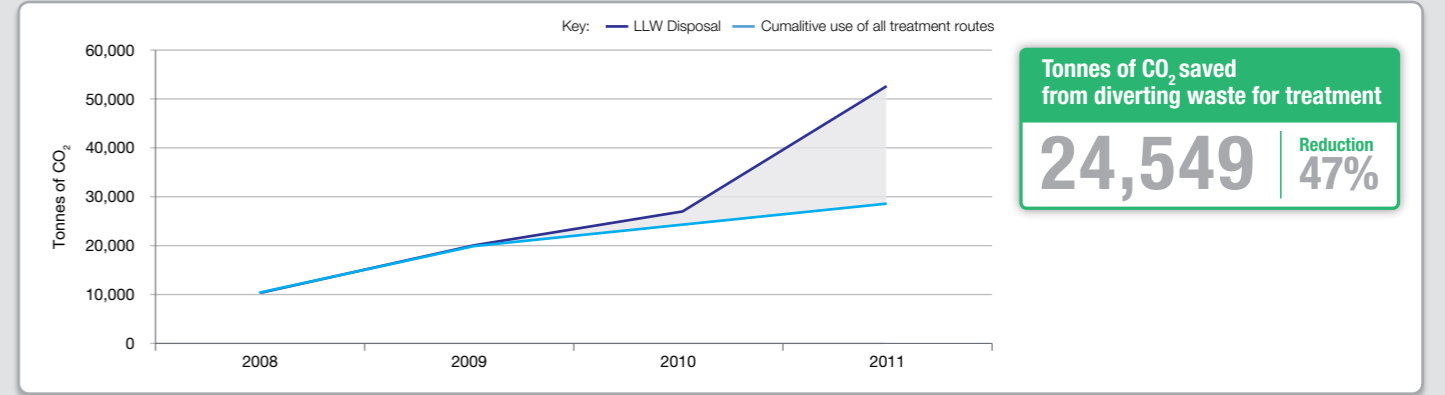
Usage of Waste Routes

Key: ● Route not open ● Route available ● Route in use

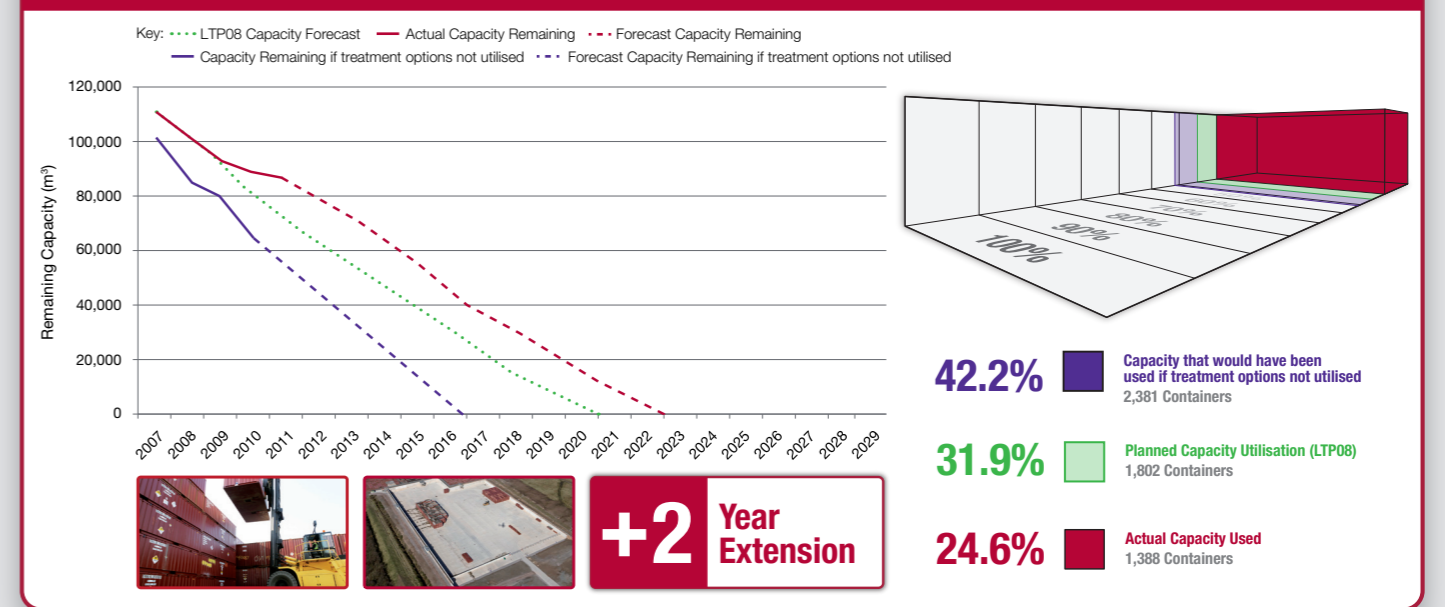
SLCs	Site	Metal Waste	Combustible Waste	LLW	VLLW/LALLW	Exempt Waste
LLWR	LLWR	●	●	●	●	●
DSRL	Dounreay	●	●	●	●	●
SNFL	Springfields	●	●	●	●	●
Magnox	Berkeley	●	●	●	●	●
	Bradwell	●	●	●	●	●
	Chapelcross	●	●	●	●	●
	Dungeness	●	●	●	●	●
	Hinkley Point	●	●	●	●	●
	Hunterston	●	●	●	●	●
	Oldbury	●	●	●	●	●
	Sizewell	●	●	●	●	●
Sellafield Ltd	Sellafield Site	●	●	●	●	●
	Capenhurst	●	●	●	●	●
RSRL	Harwell	●	●	●	●	●
	Winfrith	●	●	●	●	●



Environmental Impact



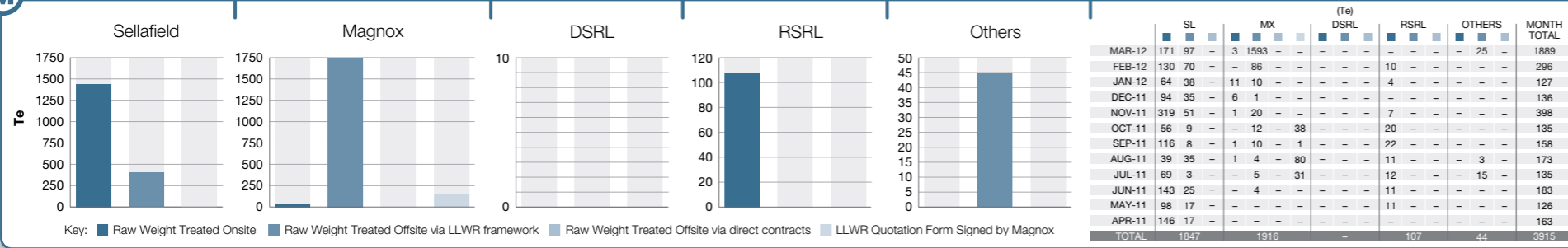
LLWR Vault 9 Capacity



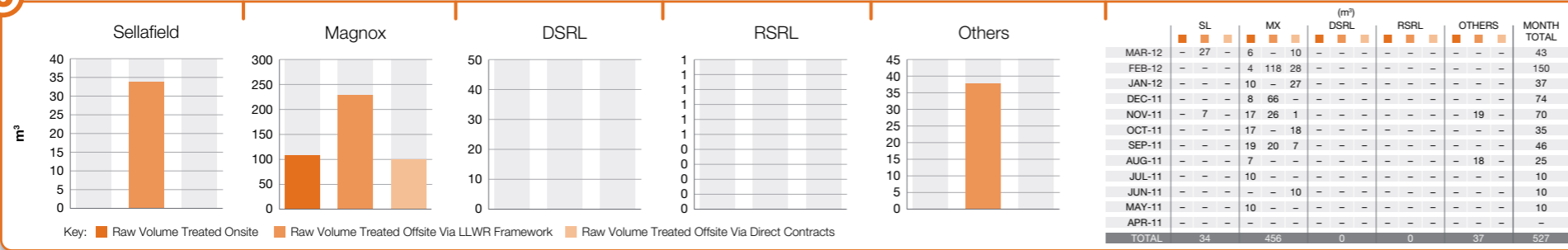
* VLLW 2012/13 Forecasted Target

Waste disposition routes

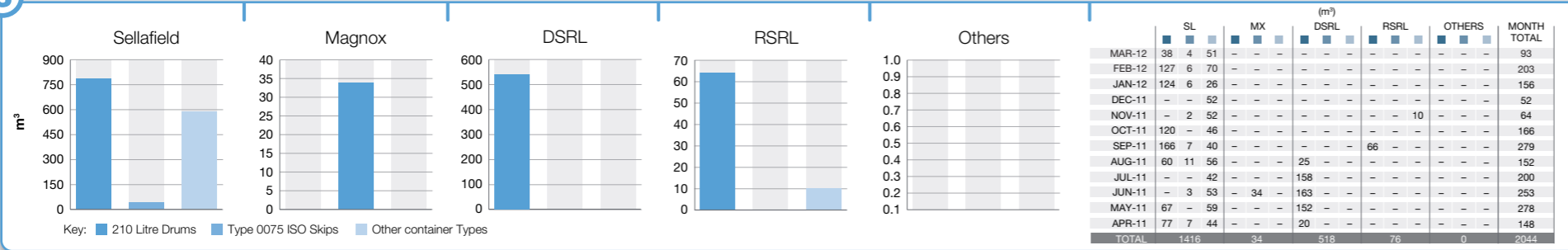
M Metal Waste Treatment



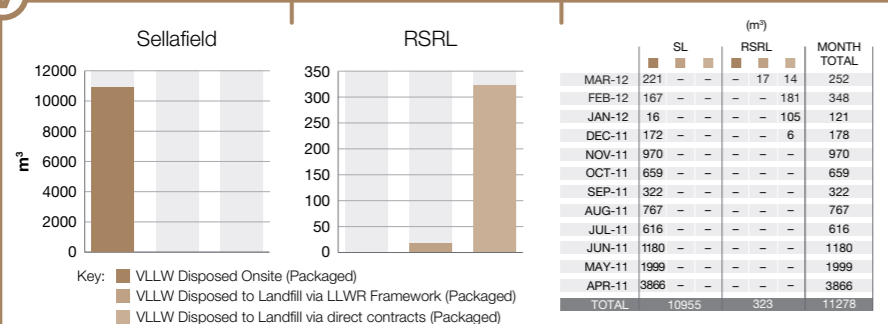
C Combustible Waste Treatment



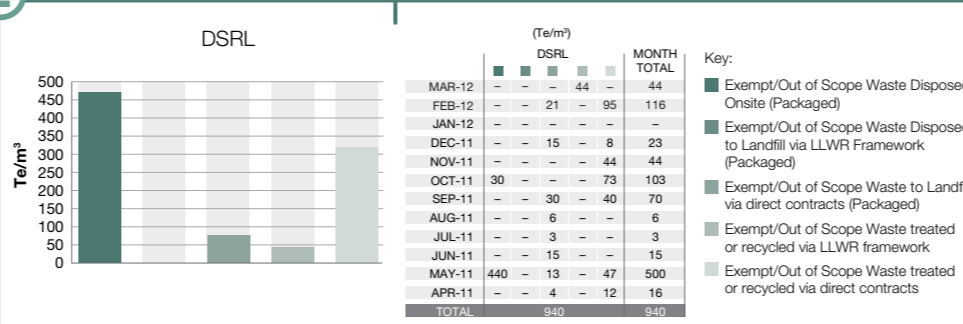
S Supercompactable



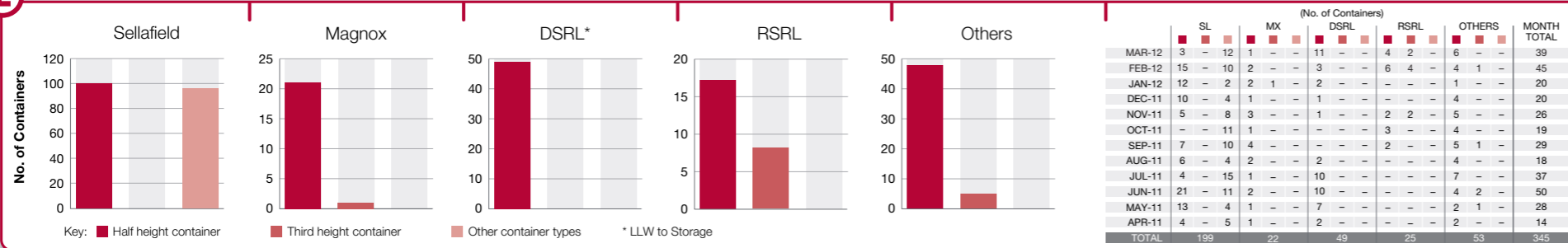
V Very Low Level Waste to disposal



E Exempt Waste



L Low Level Waste to disposal



National Waste Programme

Quarter 3 Milestones:

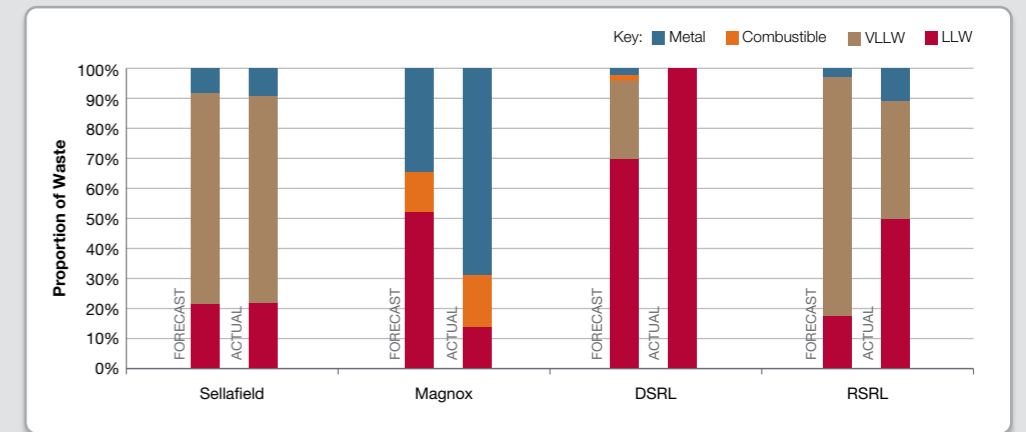
- ✓ LLWR work with Dounreay, Springfields and EDF Energy to produce Joint LLW Management Plans (JWMP)
- ✓ The Sellafield MEB project on schedule with a total of 30 MEBs (88 Tonnes) shipped
- ✓ Magnox collaborate with LLWR and DRS to carry out a feasibility trial for combined road/rail transport. Ten containers were successfully shipped by road, then rail from Bradwell to the repository

Quarter 4 Milestones:

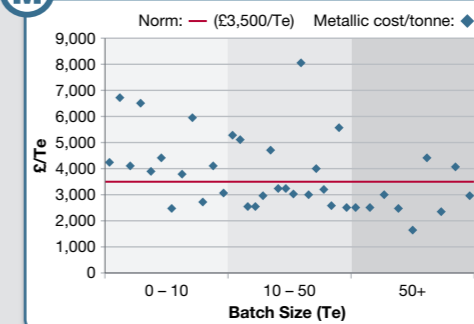
- ✓ Lifting of the first Berkeley Boiler (300 Tonnes)
- ✓ LLWR customer contract negotiations to incorporate new pricing, VLLW, Transport and Characterisation services.
- ✓ First RSRL shipment of VLLW. This will utilise the LLWR framework service
- ✓ Sellafield MEB project completed 54 MEBs (158 Tonnes) shipped
- ✓ A second trial using containers from Dungeness, prior to the new Transport service going live in April 2012

Milestones Achieved: ✓

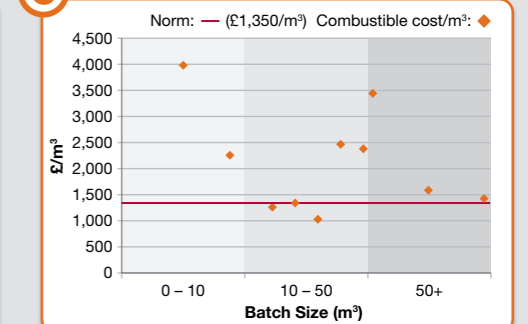
Performance against Joint Waste Management Plan forecasts



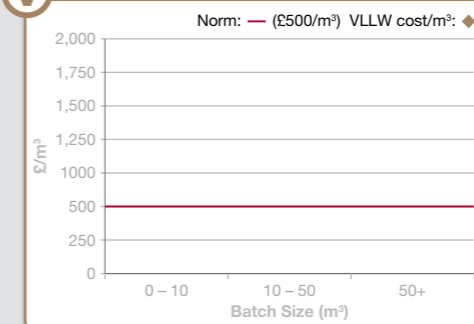
M Cost Norms Metallic Waste



C Cost Norms Combustible Waste



V Cost Norms Very Low Level Waste



UK LLW Nuclear Provision

