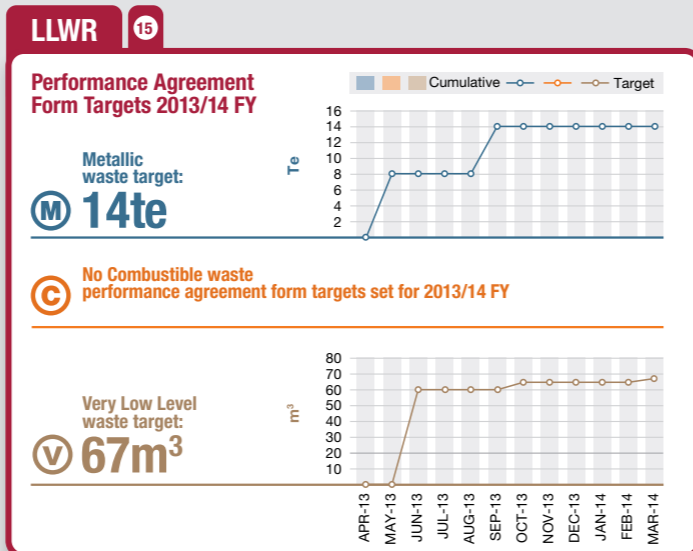
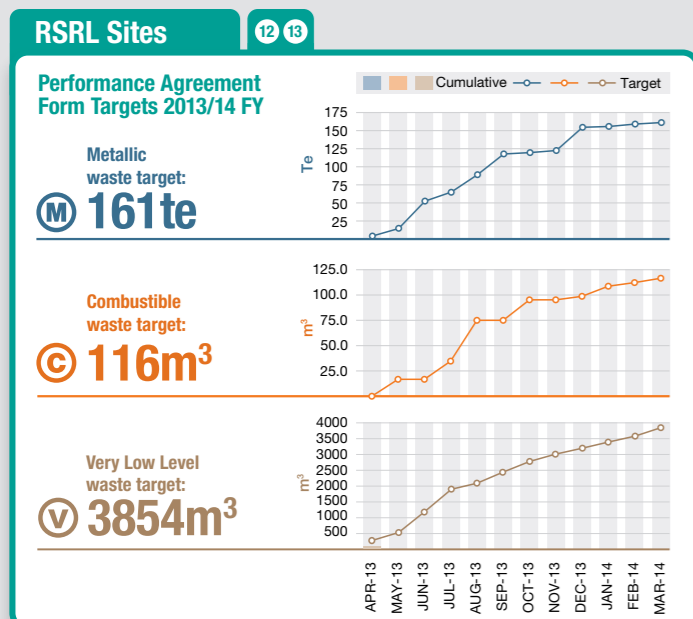
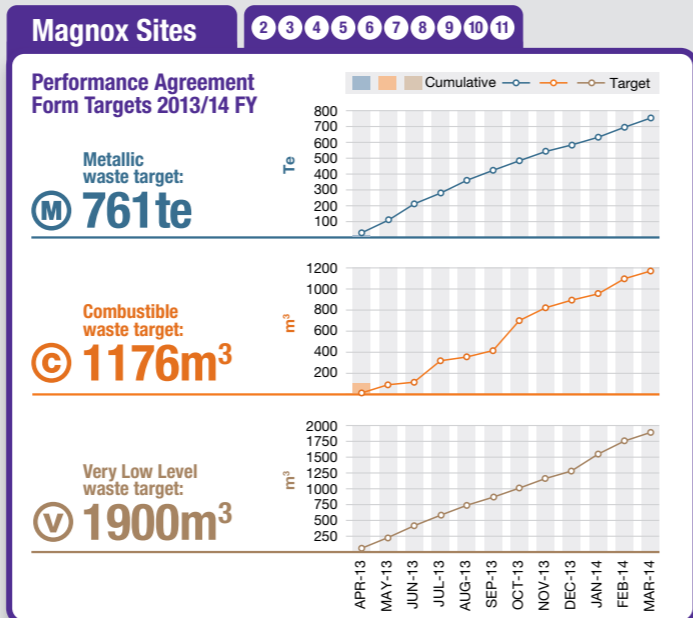
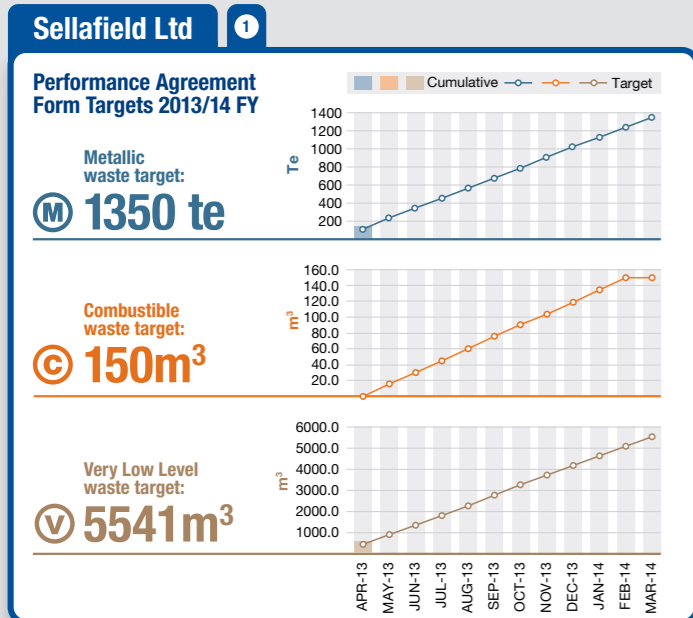


# April 2013 Waste Metric Dashboard

## UK Waste Diversion

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.

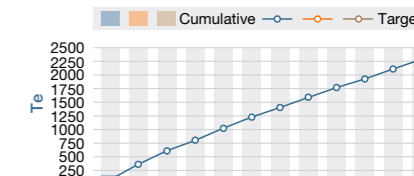


## Summary Data

### Metallic, Combustible and Very Low Level Waste FY 13/14 Summary – April 2013

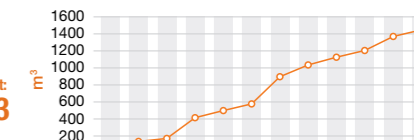
- Metallic Waste Diverted – Total 161te** (130te via framework)
  - Sellafield = 150te
  - Magnox = 11te
  - RSRL = 0te
  - LLWR = 0te

Metallic waste target: **2286te**



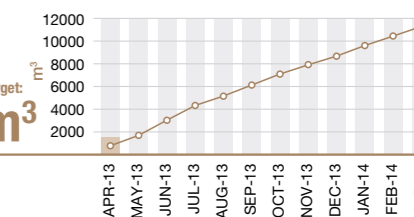
- Combustible Waste Diverted – Total 111m<sup>3</sup>** (100m<sup>3</sup> via framework)
  - Sellafield = 0m<sup>3</sup>
  - Magnox = 111m<sup>3</sup>
  - RSRL = 0m<sup>3</sup>
  - LLWR = 0m<sup>3</sup>

Combustible waste target: **1442m<sup>3</sup>**



- VLLW Diverted – Total 697m<sup>3</sup>** (245m<sup>3</sup> via framework)
  - Sellafield = 587m<sup>3</sup>
  - Magnox = 0m<sup>3</sup>
  - RSRL = 110m<sup>3</sup>
  - LLWR = 0m<sup>3</sup>

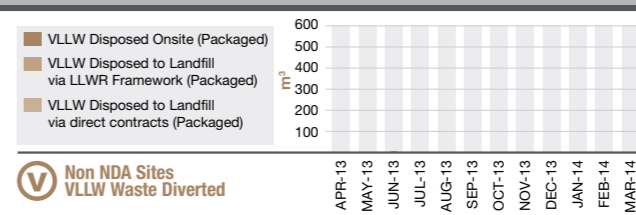
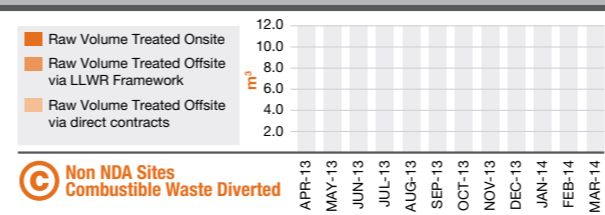
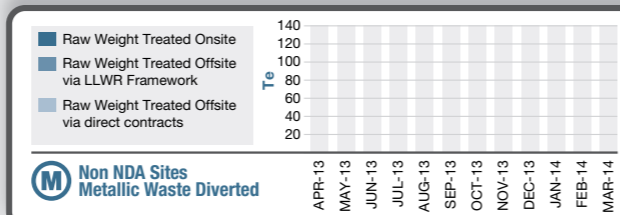
Very Low Level waste target: **11362m<sup>3</sup>**



Unloading of large oil tank at the Studsvik MRF



First consignment of Sellafield Ltd Asbestos VLLW



### Non NDA Sites

**M** Non NDA Sites Metallic Waste Diverted

**C** Non NDA Sites Combustible Waste Diverted

**V** Non NDA Sites VLLW Waste Diverted

**Footnotes**

To be updated during the course of 2013/14 FY

Waste Disposal Routes

**M** Metallic Waste Treatment

m <sup>3</sup>	SL	MX	RSRL	LLWR	DSRL	OTHERS	MONTH TOTAL
MAR-14							
FEB-14							
JAN-14							
DEC-13							
NOV-13							
OCT-13							
SEP-13							
AUG-13							
JUL-13							
JUN-13							
MAY-13							
APR-13	30	120	1	10			161
TOTAL	150	11	0	0	0	0	161

Raw Weight Treated Onsite Raw Weight Treated Offsite via LLWR framework  
Raw Weight Treated Offsite via direct contracts

**S** Supercompactable

m <sup>3</sup>	SL	MX	RSRL	LLWR	DSRL	OTHERS*	MONTH TOTAL
MAR-14							
FEB-14							
JAN-14							
DEC-13							
NOV-13							
OCT-13							
SEP-13							
AUG-13							
JUL-13							
JUN-13							
MAY-13							
APR-13	157	178	188	7		9	646
TOTAL	523	0	0	7	0	116	646

210 Litre Drums Type 0075 ISO Skips Other container types

\* Others includes EDF-Energy and MOD

**C** Combustible Waste Treatment

m <sup>3</sup>	SL	MX	RSRL	LLWR	DSRL	OTHERS	MONTH TOTAL
MAR-14							
FEB-14							
JAN-14							
DEC-13							
NOV-13							
OCT-13							
SEP-13							
AUG-13							
JUL-13							
JUN-13							
MAY-13							
APR-13		11	100				111
TOTAL	0	111	0	0	0	0	111

Raw Volume Treated Onsite Raw Volume Treated Offsite via LLWR framework  
Raw Volume Treated Offsite via direct contracts

**L** Low Level Waste to disposal

no. of containers	SL	MX	RSRL	LLWR	DSRL	OTHERS*	MONTH TOTAL
MAR-14							
FEB-14							
JAN-14							
DEC-13							
NOV-13							
OCT-13							
SEP-13							
AUG-13							
JUL-13							
JUN-13							
MAY-13							
APR-13	4	4	4			3	13
TOTAL	0	4	4	0	0	5	13

Half height container Third height container Other container types  
WAMAC returns \*LLW to storage

\* Others includes Studsvik

**V** Very Low Level Waste to disposal

m <sup>3</sup>	SL	MX	RSRL	LLWR	DSRL	OTHERS	MONTH TOTAL
MAR-14							
FEB-14							
JAN-14							
DEC-13							
NOV-13							
OCT-13							
SEP-13							
AUG-13							
JUL-13							
JUN-13							
MAY-13							
APR-13	452	135		110			697
TOTAL	587	0	110	0	0	0	697

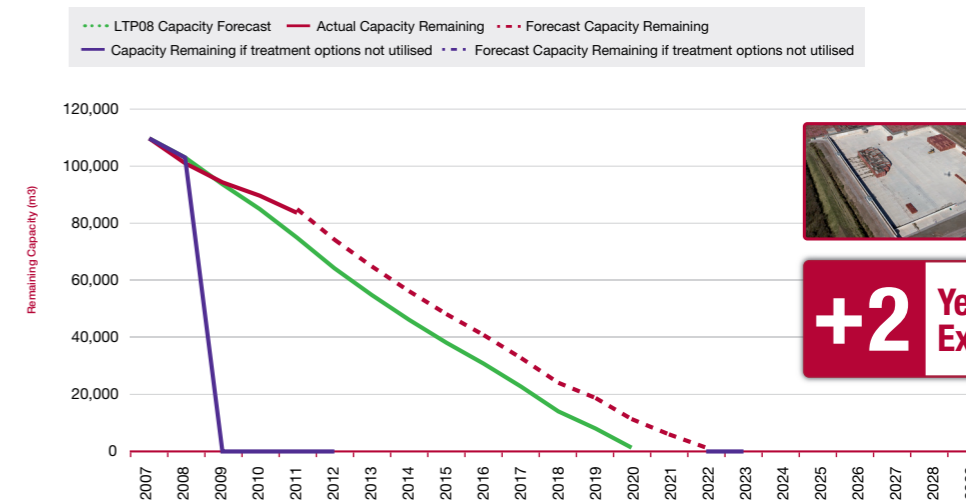
VLLW Disposed Onsite (Packaged) VLLW Disposed to Landfill via LLWR Framework (Packaged)  
VLLW Disposed to Landfill via direct contracts (Packaged)

**E** Exempt Waste

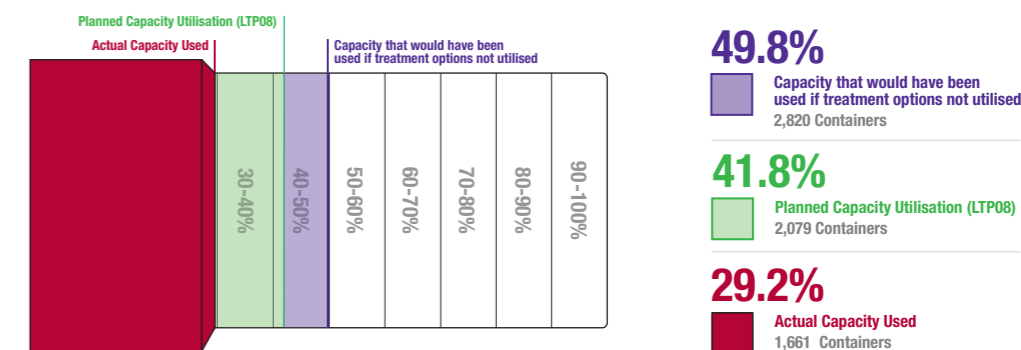
Te/m <sup>3</sup>	SL	MX	RSRL	LLWR	DSRL	OTHERS	MONTH TOTAL
MAR-14							
FEB-14							
JAN-14							
DEC-13							
NOV-13							
OCT-13							
SEP-13							
AUG-13							
JUL-13							
JUN-13							
MAY-13							
APR-13							0
TOTAL	0	0	0	0	0	0	0

Exempt/Out of Scope Waste Disposed Onsite (Packaged) Exempt/Out of Scope Waste Disposed to Landfill via LLWR Framework (Packaged)  
Exempt/Out of Scope Waste to Landfill via direct contracts (Packaged) Exempt/Out of Scope Waste treated or recycled via LLWR framework  
Exempt/Out of Scope Waste treated or recycled via direct contracts

LLWR Vault 9 Capacity\*



\* This graph will be updated to a percentage diversion graph in 2013/14 FY.



National Waste Programme | Key achievements this quarter

Quarter 4 Milestones 2012/13

- Develop LTP 13 for asset refurbishment and replacement
- Sellafield Ltd to review waste management practices utilised in PBO
- LLWR to develop and implement new website
- RSRL to identify preferred supplier for Winfrith metallic waste

Quarter 1 Milestones 2013/14

- LLWR to agree scope and boundaries for B726 waste handling facility
- Sellafield Ltd to review MRF operations and determine if current operations represent best value against supply chain options
- Magnox Ltd incineration study involving the strategic review of on-site assets against supply chain capabilities
- Sellafield Ltd to determine scope of sort/seg/size reduction capability through peer assist event

Usage of Waste Routes

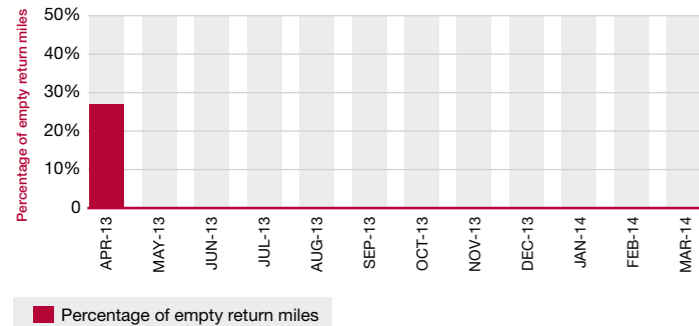
Key: Route not open Route available Route in use

SLCs	Site	Metallic Waste	Combustible Waste	LLW	VLLW/LALLW	Exempt Waste	Orphan Stream*
Sellafield Ltd	Sellafield	●	●	●	●	●	
	Berkeley	●	●	●	●	●	
	Bradwell	●	●	●	●	●	
	Chapelcross	●	●	●	●	●	
	Dungeness A	●	●	●	●	●	
	Hinkley Point A	●	●	●	●	●	
	Hunterston A	●	●	●	●	●	
	Oldbury	●	●	●	●	●	
	Sizewell A	●	●	●	●	●	
Magnox Ltd	Trawsfynydd	●	●	●	●	●	
	Wylfa	●	●	●	●	●	
	Harwell	●	●	●	●	●	
RSRL	Winfrith	●	●	●	●	●	
	LLWR	●	●	●	●	●	
DSRL	Dounreay	●	●	●	●	●	

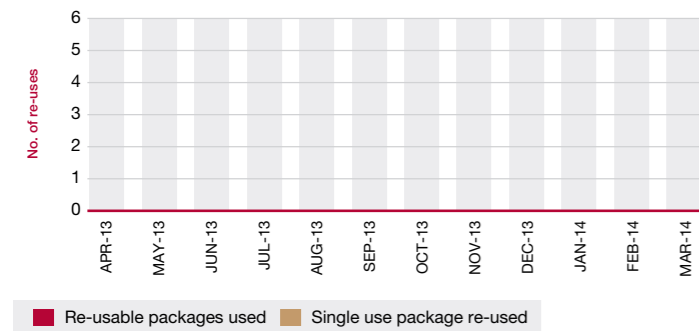
\* Work is under way to establish the current orphan streams.

Transport and Packaging

Percentage of empty return miles



Package re-use



Percentages of packages transported via Rail and Road

This data will be collated in 2013/14 FY

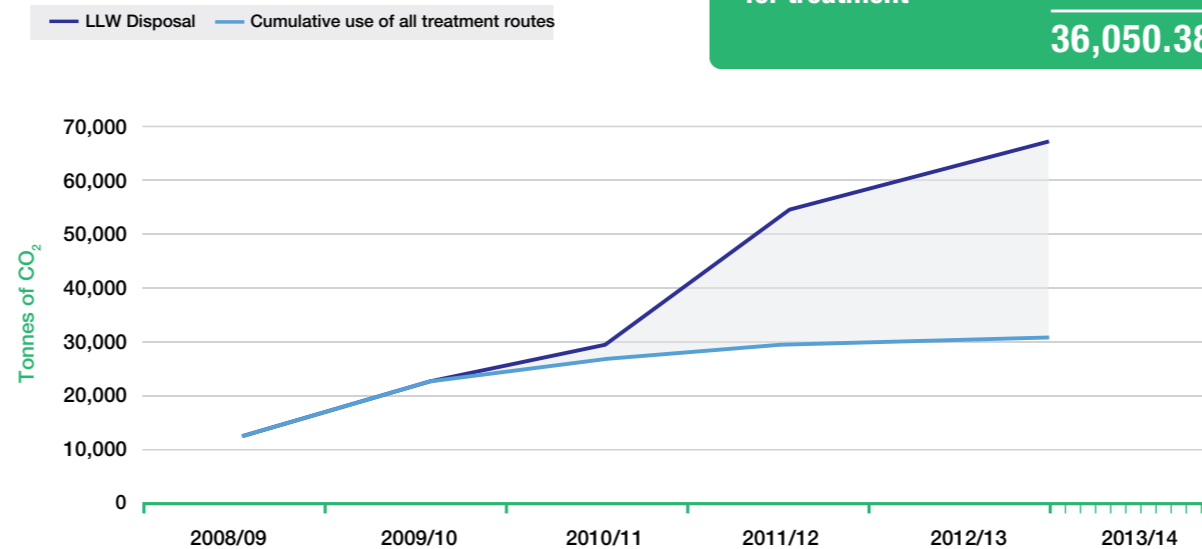
Safety, Environment and Assurance

RIDDOR/OSHA

	APR-13	MAY-13	JUN-13	JUL-13	AUG-13	SEP-13	OCT-13	NOV-13	DEC-13	JAN-14	FEB-14	MAR-14
Transport RIDDOR <sup>1</sup>	0											
Repository RIDDOR/ <sup>1</sup>	0											
Repository OSHA (TRIR) <sup>2</sup>	0											
Repository OSHA (DACR) <sup>3</sup>	0											

- (Number of RIDDOR / by number of people employed) x 100,000
- (Number of incidents / by number of hours worked) x 200,000
- (Number of days away / by number of hours worked) x 200,000

Environmental Impact\*



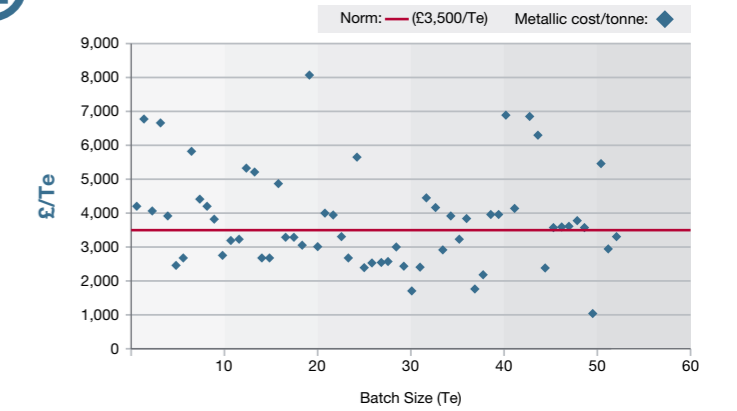
\* The above Environmental Impact graph is under review. The revised graph will replace this in 2013/14 FY.

Supply Chain Non Conformances

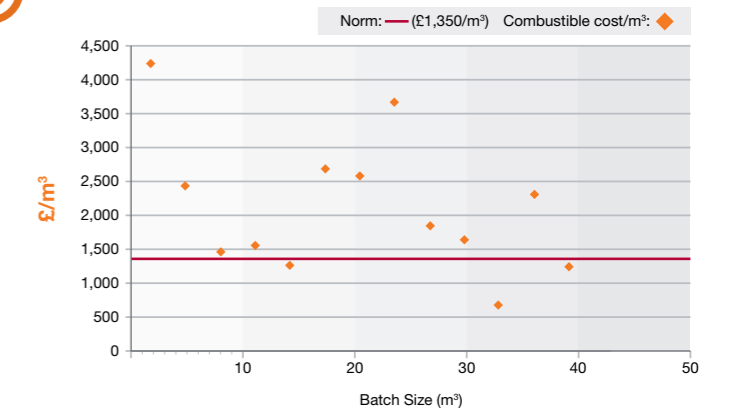
It has been recognised that supply chain non conformances, although not currently collected, are metrics which need to be reported. It is planned during the course of 2013/14 FY the data will be gathered and reported in graphical form for the purpose of this revised dashboard.

Cost Norms

M Cost Norms Metallic Waste



C Cost Norms Combustible Waste



V Cost Norms Very Low Level Waste

