

**NDA**

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**LLW Repository Ltd**

**NDA National LLW Strategy Group  
April 2008**

# Agenda

Start Time	Finish Time	Topic	Speaker
8.30	9.00	Registration and coffee	
9.00	10.00	Welcome and opening session	Jo Fisher
10.00	10.30	Regulator Perspective	Juliet Long
10.30	10.45	Break	
10.45	11.00	NDA National Perspectives	Ian Roxburgh
11.00	11.15	LLW Repository Ltd	Dick Raaz
11.15	11.35	Providing assured storage and disposal of the UK's LLW	Paul Pointon
11.35	11.55	Plan for developing and implementing a new UK LLW strategy	Chuck Conway
11.55	12.15	Q & A Session	Jo Fisher / Tim Hedahl
12.15	13.15	Lunch	
13.15	14.00	LLW Topical Strategies	David Rossiter
14.00	14.20	LLWR Consignor Support Strategy	Martin Walkingshaw
14.20	14.40	Break	
14.40	15.15	Group Discussion	Jo Fisher / Tim Hedahl
15.15	16.00	Path Forward	Jo Fisher / Tim Hedahl

# LLWR Ltd. Consignor Support Strategy

*Martin Walkingshaw*

*LLW Strategy Manager*

Date: 17<sup>th</sup> April 2006

NDA National LLW Strategy Group - April 2008



# Agenda

- Consignor Partnership Strategy
- LLWR Consignor Support Organisation
- Supporting Systems
- Expanded range of Waste Management Services

# LLWR Ltd. Consignor Partnership Strategy

- Establish strong partnership between LLWR Ltd. and UK LLW Consignors to :

**Extend the useful life of LLWR**

**Reduce the NDA's overall LLW Liability**



# LLWR Ltd. Consignor Partnership Strategy

- Two key elements :
  - National LLW Strategy Team – Strategic partner with NDA and consignors to develop UK LLW Strategy
  - Consignor Support – customer focused organisation to provide full service waste management services

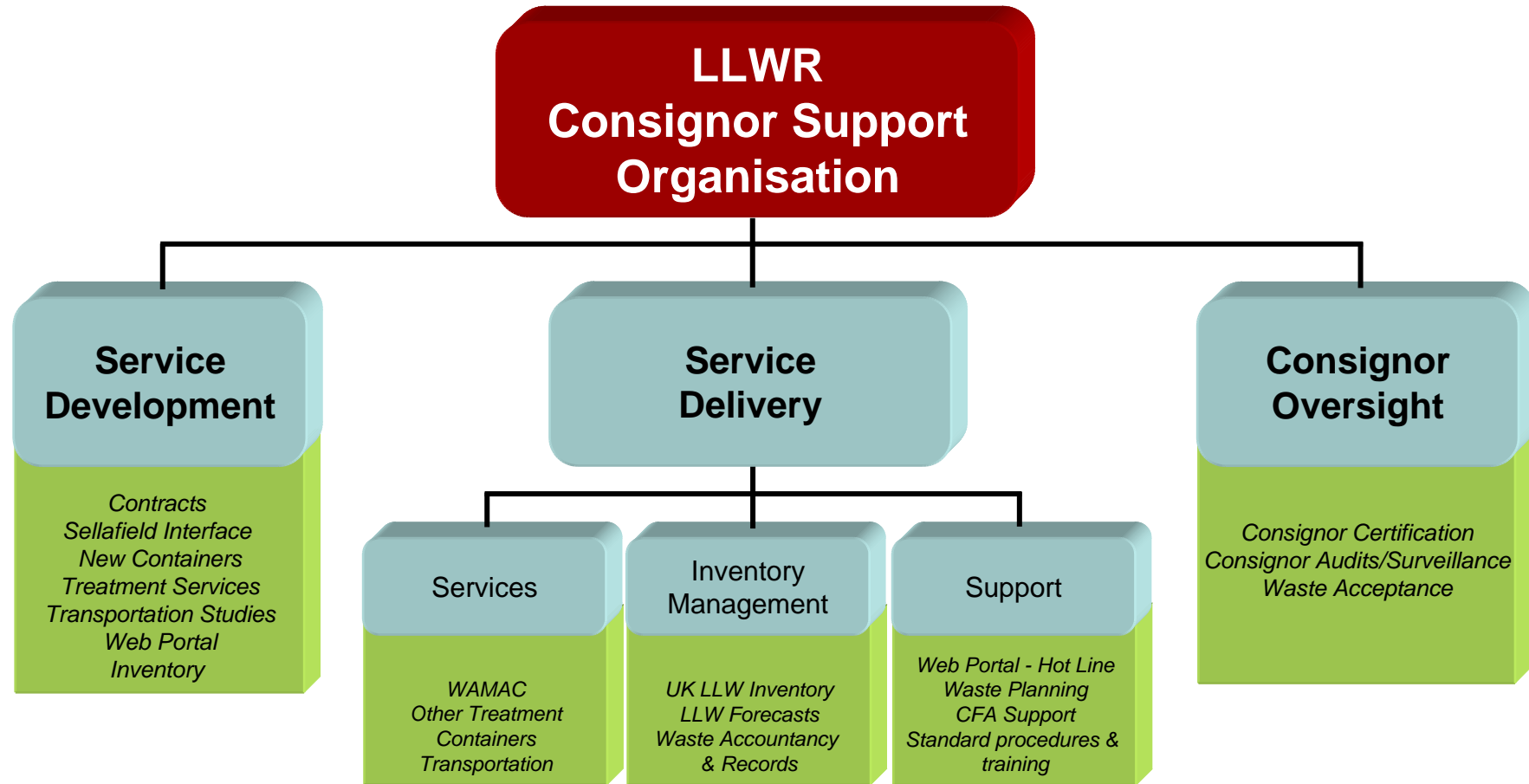
## LLWR Ltd. Consignor Support – New Scope

- Improve and manage the UK LLW Inventory
- Develop and manage the UK LLW Forecast
- Provide a plan to improve waste accountancy and records
- Deliver improved CFA/Consignor Support
- Provide a plan to improve consignor contract mgmt.
- Realise the opportunities of coordinated LLW shipments
- Provide optional services for LLW Treatment & Disposal

# Consignor Support Organisation - Implementation

- Build on current consignor support initiatives
- Consult expanded approach with consignors
- Review plans for expanded organisation with NDA and incorporate into LTP 08
- Staff the organisation from within LLWR Ltd. and with targeted recruitment as required

# Enhanced Consignor Support Organisation



# Supporting systems

- Key element of Preliminary LLW Topical Strategies
- LLWR will implement a secure web-based waste management system:
  - Pricing
  - CfA and Acceptance Criteria for optional services
  - Container Technical info.
  - Characterisation info.
  - Waste tracking & Scheduling
  - Treatment/disposal options
  - WMH best practices
  - Dataset/Inventory
- Accelerate review & approval
- Simplify LLW management



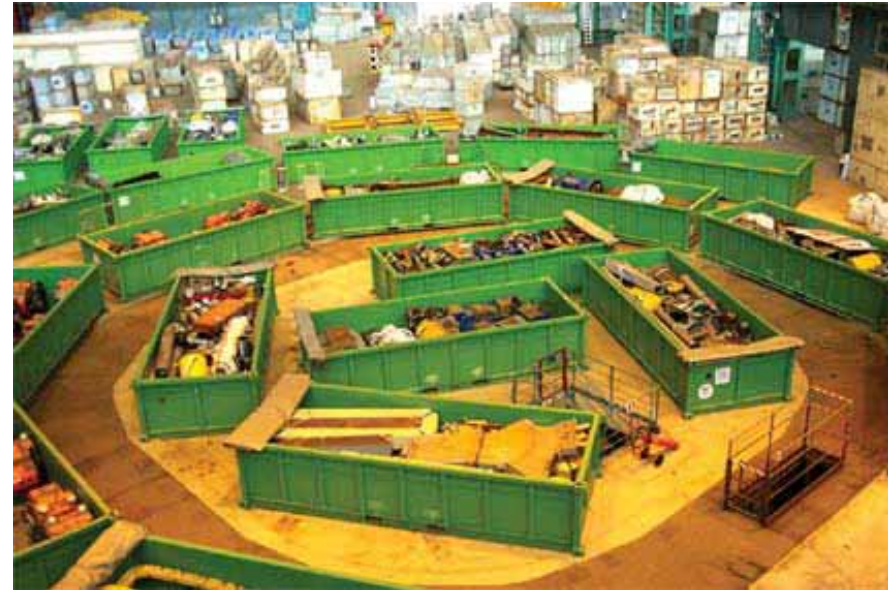
## Short term approach – new optional services

- Biggest impact on disposal volumes
- Services which fit with customers needs & wants, i.e.
  - Optional (don't put your customer in court..!)
  - Easy to adopt, enduring services
  - Cost effective
- Strong link to Government Policy & Waste Hierarchy
- Don't impact on LLWR PCSC

...can be implemented from October 2008 onwards...

# The Services

- Focus on increased segregation at source ('reasonable means')
- Opens up treatment options for LLW Repository Ltd
- Huge opportunity for volume reduction
- Using existing contracts & Disposal Authorisations



...implemented via revised CfA and Guidance...

# Near Term Vision – Segregated Waste Treatment

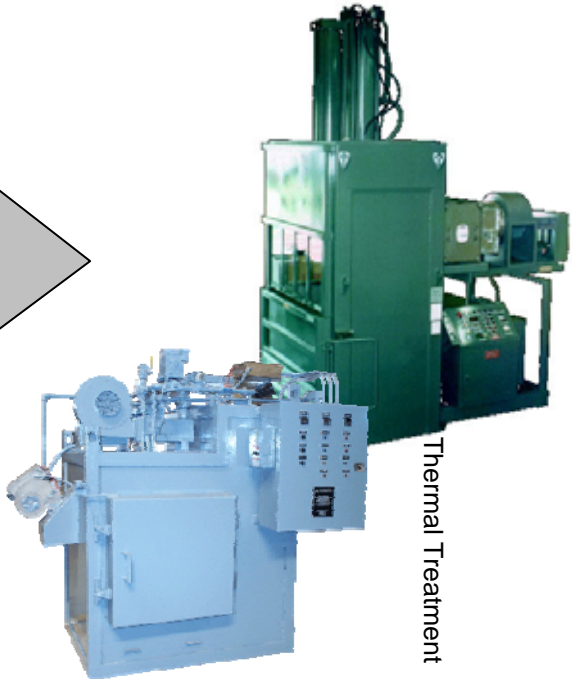
Segregated LLW consigned to LLWR

Consignor Sites



- Integrated Transport
- Consolidation of container supply
- Consolidation of Treatment Services
- Technical Services through enhanced Consignor Support Organisation

Treatment Services



Supercompaction

Thermal Treatment



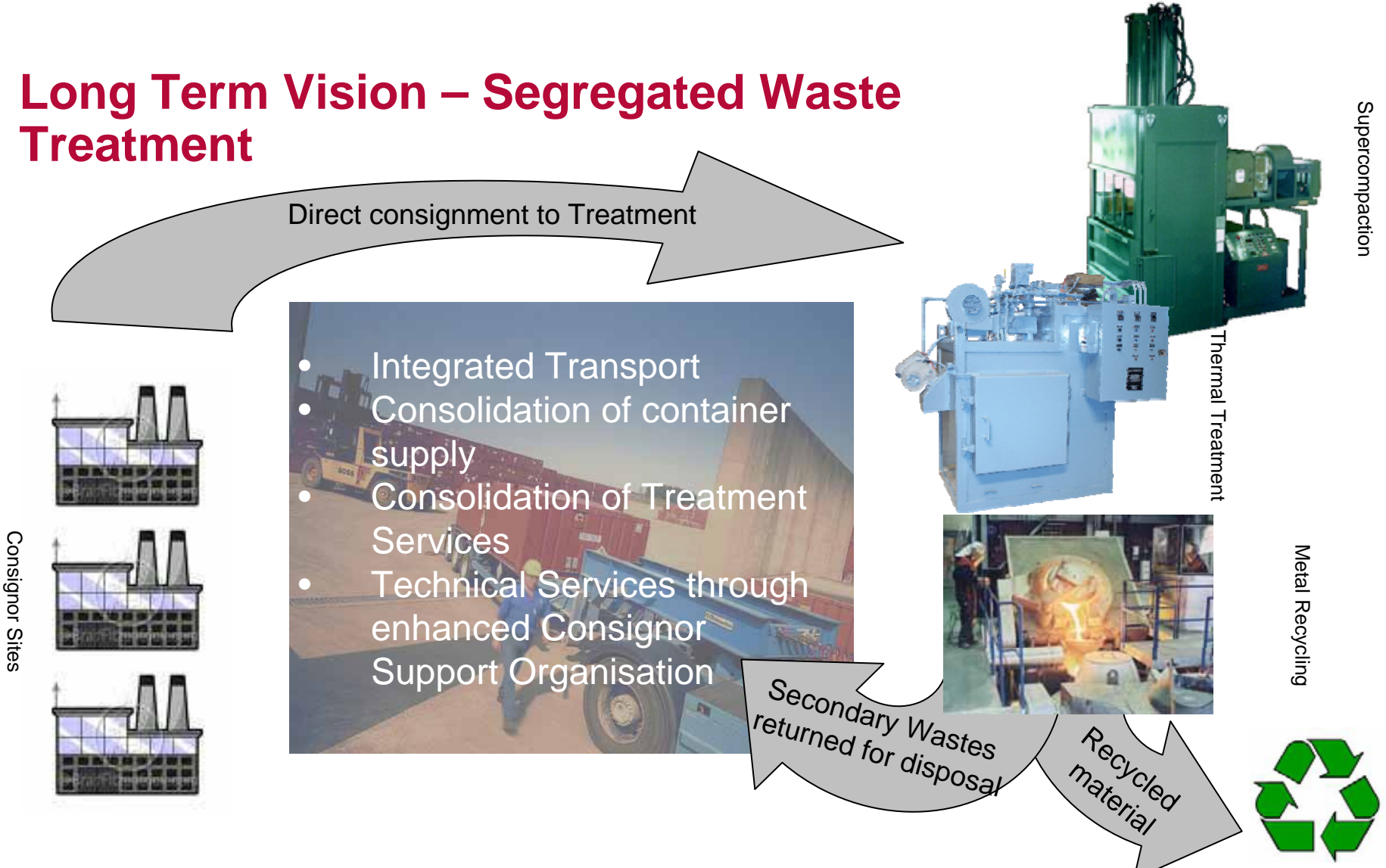
Metal Recycling

Secondary Wastes returned for disposal

Recycled material



# Long Term Vision – Segregated Waste Treatment



Consignor Sites

- Integrated Transport
- Consolidation of container supply
- Consolidation of Treatment Services
- Technical Services through enhanced Consignor Support Organisation

Supercompaction

Thermal Treatment

Metal Recycling

Secondary Wastes returned for disposal

Recycled material



# Outline Timetable

Activity	Target Date
LLWR User Forum	16 April 2008
1 <sup>st</sup> LSG Group Meeting	17 April 2008
Contract Strategy and Pricing Development	June 2008
CfA Development	June 2008
Contract Negotiation With Customer Groups	31 August 2008
New Contract Arrangements (Short or Long-Term)	1 October 2008
Contract Pricing/Re-Validation (in line with LTP 2009/10)	28 February 2009
Confirmed Contract Arrangements From April 09	31 March 2009

# Summary

- Looking forward to engaging with consignors over the next few months
- Actively seeking early opportunities for packaging analysis and segregated waste services
- Further information and contacts:-

[www.llwrsite.com/customers](http://www.llwrsite.com/customers)

# Segregated Metallic Waste Service

- 450,000te of metallic waste currently identified
- Existing metal treatment yields up to 95% volume reduction
- Limited take up across NDA sites – no take up in private sector
- Section IV of the revised CfA
- UK capability being developed – long term sustainability of overseas treatment needs to be considered

# Segregated Combustible Waste Service

- Complements current super compaction service
- Thermal treatment yields better volume reduction
- UK capability needs to be assessed and managed
- Section V of the revised CfA
- Large scale treatment capability overseas - long term sustainability needs to be considered

## Segregated VLLW

- Current practice to consign uncompactable VLLW as primary waste or infill material
- Compactable VLLW sent to WAMAC
- Inefficient use of LLWR capacity
- Segregation of this material raises many issues, transport/packaging, current pricing incentives
- Section VI of the revised CfA
- Maturing UK market for VLLW Disposal – ultimate capacity of this route unknown

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