

# INTEGRATED WASTE MANAGEMENT 2018

TWO DAY CONFERENCE

24 & 25 APRIL 2018 RHEGED CENTRE, CUMBRIA



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## Day One, 24 April 2018

### 08:30 Delegate registration and Exhibition

09:15	09:25	Welcome	John Clarke President	Nuclear Institute
09:25	09:50	LLWR approach to enable IWM	Dennis Thompson Managing Director	LLWR Ltd
09:50	10:15	Ensuring the safe and efficient management of the UK's nuclear legacy	Dr Adrian Simper Strategy Director	NDA
10:20	11:00	WIPP Waste Disposal Sharing International Experiences	Farok Sharif Director	Washington TRU Solutions
11:00	11:40	Refreshments		

### Track 1a Waste Inventory Anthony Bamford National Nuclear Laboratory

11:40	12:00	Waste Inventory & Package Records (lower activity Waste)	Gareth Garrs	LLWR Ltd
12:00	12:20	Waste Inventory & Package Records (Higher activity Waste)	Martin James	Radioactive Waste Management
12:20	12:40	Overview of the Radioactive Waste Challenges faced in the Oil and Gas Decommissioning Programme	Matt Brodie	ARPS
12:40	13:00	Discussion and Questions		

### Track 1b Regulation & Policy & Strategy Ian Streatfield Environment Agency

11:40	12:00	Development in regulation of radioactive wastes	Trevor Howard	Environment Agency
12:00	12:20	Nuclear Liabilities Management Strategy	Richard McMeekin	Ministry of Defence (MoD)
12:20	12:40	Radioactive Waste Management (enabling the Industry Strategy & Nuclear Sector Deal)	Jay Bart	Cavendish Nuclear
12:40	13:00	Discussion and Questions		

13:00 – 14:00 Lunch

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**WORKSHOP ONE 11:40 – 12:40**

Problematic Wastes Integrated Project Team  
Holly Cresswell (LLWR Ltd) and Mark Cowper (RWM)

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<b>Track 2a</b>		<b>Characterisation – enabling effective waste management</b>	<b>Mike Guy</b>	<b>Sellafield Ltd</b>
14:00	14:20	Characterisation at the heart of Sellafield Remediation	Sue Brown	Sellafield Ltd
14:20	14:40	AGR Graphite	Elaine Hall	EDF Energy
14:40	15:00	FED Characterisation & effective waste management	Tim Bond & Ceri Davies	Magnox Ltd
15:00	15:20	Legacy Drums	Rob Hawley	LLWR Ltd
15:20	15:40	Managing non-radioactive properties of radioactive waste	Candida Lean	Environment Agency
15:40	16:00	Discussion and Questions		

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**WORKSHOP TWO 14:00-15:00**

Sellafield the higher activity waste challenges  
Simon Candy, Sellafield Ltd

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**WORKSHOP THREE 15:10-16:00**

Driving Innovation through R&D into Waste Management  
Kirsty Hewitson and Lindsay Edmiston, NNL

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<b>Track 2b</b>		<b>Retrievals</b>	<b>Allan Parry</b>	<b>Sellafield Ltd</b>
14:00	14:20	Dounreay Shaft & Silo	Steve Efemey	DSRL
14:20	14:40	Sellafield Legacy Ponds: The Challenge	Steve Cottam	Sellafield Ltd
14:40	15:00	Holistic and fit-for-purpose approach to managing wastes	Tracie Easby	Magnox Ltd
15:00	15:20	Retrieval and Conditioning of legacy Waste in La Hague	Lavinia Stefan	ORANO
15:20	15:40	Sellafield Effluent Management Strategy - Integrated Modelling and Visualisation	Felipe Basaglia	Sellafield Ltd
15:40	16:00	Discussion and Questions		

## Day Two, 25 April 2018

### 08:30 Delegate registration and Exhibition

<b>09:30</b>	09:40	Welcome back		
<b>09:40</b>	10:05	Sellafield Ltd approach to delivering IWM	Dr Rebecca Weston Strategy & Technical Director	Sellafield Ltd
<b>10:10</b>	10:35	RWM Keynote	Bruce McKirdy Managing Director	Radioactive Waste Management
<b>10:35</b>	11:00	Finding Solutions to Problematic Waste Streams by collaborating with the US to Develop Proven Technologies In Europe	Tammy Monday, Vice President	Perma-Fix Environmental Services Inc, US
<b>11:00</b>	11:40	Refreshments		

### WORKSHOP FOUR 10:20-11:10 WCASS Accessing characterisation support

Richard Hunter (LLWR Ltd)

### WORKSHOP FIVE 11:20-12:20

NI Radwaste - Special Interest Group

Dr Ciara Walsh, Sellafield Ltd and Helen Simms, Augean

### Track 3a

### Treatment & Conditioning

Anthony Bamford

NNL

<b>11:40</b>	12:00	Thermal treatment of ION exchange resins and problematic waste conditioning for disposal	Christine Bruce	Ministry of Defence (MoD)
<b>12:00</b>	12:20	Enhanced POCO at Sellafield: Steering a Super Tanker by Washing the Dishes	David Connolly	Sellafield Ltd
<b>12:20</b>	12:40	Optimisation of desiccant disposal	Andy McKay	EDF Energy
<b>12:40</b>	13:00	LFE from HAW management and getting the right balance between innovation and operations	Richard Harris	Magnox Ltd
		Discussion and Questions		

### Track 3b

### Treatment & Conditioning

Helen Cassidy

LLWR Ltd

<b>11:40</b>	12:00	Waste Detritiation at Culham: Turning the H3AT up on BAT	Dave Coombs	CCFE
<b>12:00</b>	12:20	Super compaction of AWE HAW at SL demonstrating the use of an existing facility to avoid duplicating capabilities	Andy Spurgeon/Geoff Bruce	AWE
<b>12:20</b>	12:40	Treating and Disposing of Sellafield' s 340,000 m3 Higher Activity Waste Elephant one bite at a time	Howard Carpenter	Sellafield Ltd
<b>12:40</b>	13:00	Risk Based Hazard Reduction at Sellafield MSSS	John Bradshaw	Sellafield Ltd
		Discussion and Question		

**13:00 – 14:00 Lunch**

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**WORKSHOP SIX 14:00 – 14.50****Is one drum disposed of worth 2 in store at Sellafield?**

Simon Candy, Sellafield Ltd

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<b>Track 4a</b>		<b>Packaging &amp; Transport</b>	<b>David Rossiter</b>	<b>LLWR Ltd</b>
14:00	14:20	ONR – Challenges and issues faced - RMT team and processes	Ian Barlow	Office for Nuclear Regulation
14:20	14:40	Type B Package Optimisation	Alan Jackson	LLWR Ltd
14:40	15:00	AEA Transport Regulators and their impact on waste management	Dr Ciara Walsh	Sellafield Ltd
15:00	15:20	Discussion and Questions		

<b>Track 4b</b>		<b>Lifecycle Innovations</b>	<b>Martin Walkinshaw</b>	<b>LLWR Ltd</b>
14:00	14:20	Rolling Innovation in HAW Management and Disposal	Paul Skelton	Radioactive Waste Management
14:20	14:40	The French Connection – Radwaste Treatment	Christelle Decanis	CEA
14:40	15:00	NNB Planning for Waste Management during New Nuclear Build	Liz Sargent	Horizon Nuclear Power
15:00	15:20	Discussion and Questions		

**Closing Sessions**

15:20	15:30	Feedback from Workshops – Wrap up of issues and workshop summaries – next steps	Robert Alford	NI YGN
15:30	15:35	Closing Remarks	John Clarke President	Nuclear Institute

\*All speakers secured at the time of publishing this programme. Circumstances may occur that prevent as published participation and could lead to a slight speaker or topic alteration.