

# INTEGRATED WASTE MANAGEMENT

8 & 9 OCTOBER | RHEGED CENTRE  
CUMBRIA



## Day One, Tuesday 8<sup>th</sup> October 2019

### 08:30 Delegate registration and Exhibition

<b>09:15</b>	09:25	Welcome and Housekeeping	Alastair Laird Board Member	Nuclear Institute
<b>09:25</b>	09:50	IWM Policy development	TBC	DBEIS
<b>09:50</b>	10:15	The NDA's role and delivering IWM	Alan Cumming	NDA
<b>10:10</b>	10:40	The NDA's IWM Strategic Theme – Driving Change	James McKinney & Corhyn Parr	NDA
<b>10:40</b>	11:00	Local Government: a partner and regulator in radioactive waste management	Phil Matthews	NuLeAF
<b>11:00</b>	11:40	Refreshments and Exhibition		

### Track 1a Waste Inventory Chair – Juliet Long Environment Agency

<b>11:40</b>	12:00	The Nuclear Sector Deal	Shaun Kelso	NDA
<b>12:00</b>	12:20	The NDA's Radioactive Waste Strategy (c.f. Nuclear Sector Deal)	James McKinney	NDA
<b>12:20</b>	12:40	LLWR – 10 years 10 lessons learned	David Rossiter	LLWR
<b>12:40</b>	13:00	Discussion and Questions		

### Track 1b International Radioactive Waste Disposal Chair – Cherry Tweed RWM

<b>11:40</b>	12:00	Graded approach to disposal	Gerard Bruno	IAEA
<b>12:00</b>	12:20	Applying a graded approach in France	Jean-Michel Hoorelbecke	ANDRA
<b>12:20</b>	12:40	Practical disposal experience	TBC	Finland/Sweden
<b>12:40</b>	13:00	Discussion and Questions		

### 13:00 – 14:00 Lunch and Exhibition

## WORKSHOP ONE 14:00 – 14:55

### Supporting the Nuclear Sector Deal through Innovative Integrated Waste Management

Shaun Kelso (NDA) and Yvonne Morris (NDA)

### Track 2a Risk Informed Approach to IWM Ed Mathews Sellafeld Ltd

14:00	14:20	The Impact of Prudence and Caution on Safety of Radioactive Waste Treatment Processes	Robert Alford Laura Leay	NNL / University of Manchester
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14:20	14:40	Management and treatment of Desiccants	TBC	EDF Energy
14:40	15:00	Characterisation to enable risk informed waste management	Sue Brown	Sellafield Ltd
15:00	15:20	Guidance on Requirements for Release of Nuclear Sites from Radioactive Substances Regulation	SEPA	Richard McLeod
15:20	15:40	Transport – how conservative approaches are limiting waste management options	Ciara Walsh	Sellafield Ltd
15:40	16:00	Discussion and Questions		

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## WORKSHOP TWO 15:05-16:00

### Game changer/Dragons Den Workshop

#### 5 Grand Challenges:

Smart (New) Stores and Store Monitoring / Removing the human from Harms Way / Minimising waste volumes / Multi-use Decommissioning Capability / Aggregation and Analysis of Data

Led by Katherine Eilbeck, Sellafield Ltd

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Track 2b		Retrievals	Alan Parry	Sellafield Ltd
14:00	14:20	Good Practice wrt reclassification of waste from ILW to LLW	Howard Falconer	LLWR
14:20	14:40	Disposals at Dounreay	Graeme Morgan	DSRL
14:40	15:00	Diversion of wastes from Sellafield to LLWR for disposal	Alistair Bell	Sellafield
15:00	15:20	The role of UK Geological Disposal	Shaun Roberts / Cherry Tweed	RWM
15:20	15:40	Panel Session - International & UK: Challenges and Solutions	Chaired by Shaun Roberts	NDA
15:40	16:00	Discussion and Questions		
16:00		<b>DAY ONE CLOSE</b>		

## 19:00 – 23:00: Conference Dinner at Rheged Conference Centre

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### Day Two, Wednesday 9<sup>th</sup> October 2019

#### 08:15 Delegate registration and Exhibition

09:00	09:10	Welcome back		
09:10	09:30	<b>PLENARY:</b> The Waste Management Challenge	Rebecca Weston	Sellafield Ltd
09:30	10:30	<b>PLENARY (Chair – Rebecca Weston)</b> <ul style="list-style-type: none"> <li>• The Sellafield challenge</li> <li>• The Magnox challenge</li> <li>• The DSRL challenge</li> <li>• The LLWR challenge</li> <li>• AWE challenges</li> </ul> Presentations & Panel Session 1/Q&A	Stuart Latham Paul Murray Sam Usher Paul Pointon Geoff Druce	Sellafield Ltd Magnox Ltd DSRL LLWR AWE
10:30	11:10	Refreshments and Exhibition		

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**WORKSHOP THREE 11:10 12:30****TITLE Delivering the Nuclear Sector Deal – A YGN/WIN Perspective**

Alys Gardner, (Cavendish Nuclear) WiN

**Track 3a 11:10 – 12:30**

Waste Operations – delivering IWM

Paul Pointon, (LLWR Ltd)

**Track 3b 11:10 – 12:30**

The Academic role / Research &amp; Development

Rebecca Ferris, (EDF Energy)

**Track 3a Waste Operations – delivering IWM**

<b>11:10</b>	11:30	PCM Decommissioning programme completions.	Rob Yetts	LLWR
<b>11:30</b>	11:50	Dounreay rad-waste management	Alan Mowat	DSRL
<b>11:50</b>	12:10	Remediation on the Capenhurst Site – Lessons Learnt and Future Work	Alan Wilson	URENCO
<b>12:10</b>	12:30	Using alternative permissioning at Berkeley to progress hazard reduction	Richard Harris	Magnox

**Track 3b The Academic role + R&D**

<b>11:10</b>	11:30	NNL Academic Support Programme		Kirsty Hewitson	NNL
<b>11:30</b>	11:50	TRANSCEND: Transformative Science and Engineering for Nuclear Decommissioning		Prof. Mike Fairweather	University of Leeds
<b>11:50</b>	12:10	Horizon 2020: SHARE Project – Understanding Europe’s R&D decommissioning needs		Anthony Banford	NNL
<b>12:10</b>	12:30	Enabling Technology Adoption		Andy Cooney	Sellafield
<b>12:30</b>	<b>13:30</b>	<b>Lunch and Exhibition</b>			

**WORKSHOP FOUR 13:30 14:50****TITLE Skills and the Waste Profession**

Jacq Longrigg, (NDA) &amp; Helen Simms, (RWM SIG)

**Track 4a****Packaging & Transport****David Rossiter****LLWR Ltd**

<b>13:30</b>	13:50	LP&S - Sellafield	Angela Sherwen	Sellafield
		Type B Package Optimisation	Alan Jackson	LLWR Ltd
		IAEA International regulations - impacts on waste management	Dr Ciara Walsh	Sellafield Ltd
	14:50	Discussion and Questions		

**Track 4b****Waste Challenges & Thought Leadership****Tim Chittenden****Nuclear Institute**

13:30	13:50	SPEAKER TO BE CONFIRMED	TBC	TBC
13:50	14:10	Waste Optimisations (North Sea)	<b>TBC</b>	Decom-NS Slot
14:10	14:30	Submarine Decommissioning Programme	Christine Bruce	MoD Babcock Intl
14:30	14:50	Fukushima Experience	Matt Miller	CREATEC

## CLOSING PLENARY

15:00	15:50	Supply Chain Response	TBC	Cavendish Orano UK Wood
15:50	16:00	Closing Remarks	Nuclear Institute	YGN/WiN to summarise
<b>16:00</b>		<b>Conference closes</b>		

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