



PROVISIONAL PROGRAMME

Joint NEA and NDF Workshop on the Characterisation of Large Quantities of Unconventional and Legacy Waste

*An International Support Initiative for
Fukushima Dai-ichi*

31 August – 01 September 2022
Iwaki, Japan



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The Nuclear Energy Agency (NEA) and Damage Compensation and Decommissioning Facilitation Corporation (NDF) are co-organising an international Workshop on the Characterisation of Large Quantities of Unconventional and Legacy Waste. This activity aims at supporting progress on the clean-up of Fukushima Daiichi. For more details, please consult the concept paper developed for this workshop on the workshop webpage: https://www.oecd-nea.org/jcms/pl_71354.

Day 1, 31 August 2022 (Wednesday)

10:00-10:20 **Registration** - please plan early arrival –
(Doors of the conference center open at 10:00)

1 Opening Session

Workshop-Chairs: Steve HARDY (NDA, UK), Kazuyuki KATO (NDF, Japan)

10:30 **1.1 Opening remarks** 10 min
Rebecca TADESSE (NEA)

10:40 **1.2 Welcome remarks** 10 min
Keiichi YUMOTO (METI, Japan)

10:50 **1.3 Concept of the workshop and background** 10 min
Rebecca TADESSE (NEA)

- Why the EGCUL was developed?
- What is discussed in the EG?
- How did the EG discuss the issue between the member countries?
- The EGCUL developed the report on characterization of unconventional waste.

11:00 **1.4 Outcome of the EGCUL activities and Introduction of the EGCUL Final Report** 20 min
Per STRAND, EGCUL Chair (DSA, Norway), video contribution

11:20 **Coffee Break (20 min)**

2 Topical Session

11:40 **2.1 Canada** 30 min
Kimberly WOLFGRAM SCHMIDT (CNL, Canada)

12:00 **2.2 France** 30 min
Jerome COMTE (CEA, France)

12:30 **2.3 Japan** 30 min
Yoshikazu KOMA (JAEA, Japan)

13:00 **Lunch Break (60 min)**

14:00 **2.4 Spain** 30 min
Nuria PRIETO SERRANO (ENRESA, Spain)

14:30 **2.5 UK** 30 min
Laura HOGG (NDA, UK)

15:00 **2.6 US** 30 min
Tom BROUNS (PNNL, US)

15:30 **2.7 Future activities of NDF in characterization of the waste in Fukushima Dai-ichi NPP based on the report** 20 min
Kazuyuki KATO (NDF, Japan)

15:50 **Coffee Break (30 min)**

3 Group Activity		
16:20	3.1 Warm-up Exercise: Opinion Barometer <i>All Participants</i>	20 min
16:40	3.2 Breakout-Groups <i>All Participants</i>	60 min
17:40	3.3 Short Feedback <i>Group Rapporteur share first impressions</i>	15 min
Group Picture		
18:00	End of Day 1	

Day 2, 1 September 2022 (Thursday)		
10:00-10:15	Registration - please plan early arrival – (Doors of the conference center open at 10:00)	
4 Key Note		
10:15	4.1 Invited Lecture <i>Osamu TOCHIYAMA (NSRA, Japan)</i>	60min
5 Feedback of Session 2 and 3		
11:15	5.1 Lesson Learnt from the case studies <i>Bill MILLER (Jacobs, UK)</i>	30min
11: 45	Coffee Break (15 min)	
12:00	5.2 Report of the Breakout Group results & Discussion <i>Moderators: Steve HARDY (NDA, UK), Kazuyuki KATO (NDF, Japan)</i> Group Rapporteur present results of Group Discussions (10 min each + Q&A) Discussion of Results by all Participants	60 min
13:00	Lunch Break (60 min)	
6 Panel Discussion		
14:00	6.1 Opening Remarks <i>Kazuyuki KATO (NDF, Japan), Steve HARDY (NDA, UK)</i>	10 min

14:10	6.2 Panel Discussion on Technical Perspective	70 min
	<i>Panel-Chair: Kazuyuki KATO (NDF, Japan)</i>	
	<i>Panellist:</i>	
	<ul style="list-style-type: none"> • <i>Ryoichi MASUDA (TEPCO, Japan)</i> • <i>Yoshikazu KOMA (JAEA, Japan)</i> • <i>Tom BROUNS (PNNL, US)</i> • <i>Jerome COMPTE (CEA, France)</i> • <i>Laura HOGG (NDA, UK)</i> 	
	Proposed Topics:	
	<ul style="list-style-type: none"> • scope of materials, buildings, items and areas to support a comprehensive material inventory (justify exclusions); • purpose, requirements, and quality standards for waste characterisation (including safe and efficient waste managed and disposal); • priorities for characterisation according to several factors (e.g. activity and radionuclide type, hazard potential, etc.) • challenges and solutions to charactering large volumes of low activity waste in an effective way (including statistical methods, to compensate the lack of physical data); 	
15:30	Coffee Break (30 min)	
16:00	6.3 Panel Discussion on Regulatory and Stakeholder Perspective:	60 min
	<i>Chair: Steve HARDY (NDA, UK)</i>	
	<i>Panellist:</i>	
	<ul style="list-style-type: none"> • <i>Osamu TOCHIYAMA (NSRA, Japan)</i> • <i>Kazuyuki KATO (NDF, Japan)</i> • <i>Nuria PRIETO SERRANO (ENRESA, Spain)</i> • <i>Cathy EMERY-SCHEIB (EA, UK)</i> • <i>Bill MILLER (Jacobs, UK)</i> 	
	Proposed Topics:	
	<ul style="list-style-type: none"> • Regulators' perspectives definition of the roles and responsibilities of organisations for the development and implementation of a waste management strategy; • Processes for the development of Waste Acceptance Criteria (WAC) and other regulatory and technical requirements for treatment and disposal; • Integrated, graded and transparent decision-making; • Engagement with affected communities and actors; 	
7 Conclusion Session		
17:00	7.1 Main Outcome of the Workshop	50 min
	<i>Workshop Chairs</i>	
	Contributions and Confirmation by Participants	

17:50

7.2 Closing Remarks

10 min

Masahito TSUTSUMI (METI, Japan), Rebecca TADESSE (NEA)

18:00

Workshop Adjourn