

# BULK HANDLING FOR LARGE INFRASTRUCTURE PROJECTS

Institution of  
**MECHANICAL  
ENGINEERS**

Process Industries Division,  
Bulk Materials Handling Committee  
**Seminar**

**28 February 2018**  
One Birdcage Walk, London

## KEY SPEAKERS INCLUDE:

Nick Butler, Project Sponsor – East  
**Tideway**

Andy Brown, Head of Construction Planning  
and Logistics  
**High Speed Two (HS2) Ltd**

Mark Thompson, Tunnelling Delivery Manager  
**Transport for London**

Graham Backhouse, Head of Supply Chain  
and Logistics  
**Drax Power**

Tim Jones, Project Director for Lower Thames  
Crossing  
**Highways England**



## SUPPORTING ORGANISATIONS:



## EVENT PARTNERS:



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# BULK HANDLING FOR LARGE INFRASTRUCTURE PROJECTS

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**WITH THE UK GOVERNMENT PLANNING ON INVESTING £300 BILLION INTO INFRASTRUCTURE PROJECTS BY 2021, BULK MATERIALS HANDLING WILL BE INCREASINGLY IN DEMAND IN THE NEXT THREE YEARS.**

Bulk Handling for Large Infrastructure Projects is the only event specifically focused on best practice in bulk management. Attend this seminar to hear how challenges have been managed by experts on major infrastructure projects, as well as plans for future projects. Hear about the latest technologies and techniques to reduce cost and energy usage in your planned projects. Network and share experience with experts including waste recovery managers, tunnelling project managers and tunnelling engineers from engineering companies, contractors and solution providers.

## KEY TOPICS INCLUDE:

- **Tideway** share insights on how they have managed bulk handling logistics for the Thames Tideway Tunnel
- The **Environment Agency** provides an overview on current environmental regulation for infrastructure projects and the impact on bulk handling
- **Transport for London** detail how they managed tunnelling spoil on the Northern Line extension
- **High Speed Two (HS2) Ltd** show their excavated material management plans
- **Drax Power** discuss their Ecostore facility and their new biomass handling process

## ATTEND THIS SEMINAR TO:

- Hear lessons learnt on the bulk handling management from the main infrastructure projects across the UK: **HS2, Lower Thames Crossing, Hinkley Point C, Thames Tideway Tunnel** and the **Northern Line Extension**
- Discover the latest equipment available for use in your projects
- Gain best practice in bulk handling logistics from case studies to put into practice in your own projects
- Hear about the current environmental regulation and permit information to ensure you are planning your projects in line with them
- Network with experts in bulk handling from engineering companies, consultancies, contractors and solution suppliers

## ORGANISING / ADVISORY COMMITTEE:

Process Industries Division, Bulk Materials Handling Committee  
**Institution of Mechanical Engineers**

## MEMBERS CREDITS:

Alan Jackson, Director  
**Alan Jackson Engineering Services Ltd**

Des Redmond, General Manager  
**Measurement Systems Consultancy Ltd**

Graham Leason, Consultant Engineer  
**Tech-A Ltd**

Professor Ugur Tuzun  
**University Professor and Professional Consultant**

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**OFFER ENDS 26 JANUARY 2018**

**TERMS AND CONDITIONS APPLY**

# PROGRAMME

WEDNESDAY 28TH FEBRUARY 2018	
08:30	REGISTRATION AND REFRESHMENTS
09:00	<b>CHAIR'S OPENING REMARKS</b> Alan Jackson, Director, Alan Jackson Engineering Services Ltd
<b>BULK HANDLING PLANS FOR FUTURE PROJECTS</b>	
09:10 Keynote	<b>HS2 EXCAVATED MATERIAL MANAGEMENT</b> Andy Brown, Head of Construction Planning and Logistics, High Speed Two (HS2) Ltd Andrew Dunwoody, Waste and Materials Recovery Manager, High Speed Two (HS2) Ltd
09:40	<b>DELIVERING CRITICAL INFRASTRUCTURE IN THE SOUTH EAST: THE LOWER THAMES CROSSING</b> Tim Jones, Project Director for Lower Thames Crossing, Highways England
10:10	<b>BULK HANDLING : POWERING THE FUTURE</b> Roy Dobson, Projects Director, Fairport Engineering Ltd
10:40	<b>QUESTION AND ANSWER SESSION</b>
10:55	NETWORKING REFRESHMENT BREAK
11:25	<b>ENVIRONMENTAL REGULATION, EXPERIENCES AND CONSIDERATIONS AT LARGE INFRASTRUCTURE PROJECTS</b> Paul Stevens, EandB Senior Advisor, Environment Agency
<b>LESSONS LEARNED FROM CURRENT INFRASTRUCTURE PROJECTS</b>	
11:55	<b>MATERIALS HANDLING ON THE NORTHERN LINE EXTENSION</b> Mark Thompson, Tunnelling Delivery Manager, Transport for London
12:25	<b>THAMES TIDEWAY TUNNEL: LOGISTICS CHALLENGES OF BUILDING LONDON'S SEWER TUNNEL</b> Nick Butler, Project Sponsor – East, Tideway
12:55	<b>QUESTION AND ANSWER SESSION</b>
13:10	NETWORKING LUNCH
<b>INSIGHT INTO BULK HANDLING EQUIPMENT AND SYSTEMS</b>	
14:10	<b>EQUIPMENT SELECTION AND DESIGN TO SUIT THE MATERIAL TO BE HANDLED</b> Mike Bradley, Director, The Wolfson Centre for Bulk Solids Handling Technology, Department of Engineering, University of Greenwich
14:40	<b>APPLICATIONS OF DEM FOR LARGE INFRASTRUCTURE PROJECTS</b> Stephen Cole, Engineering Manager, DEM Solutions (EDEM)
15:10	<b>QUESTION AND ANSWER SESSION</b>
15:20	NETWORKING REFRESHMENT BREAK
15:50	<b>THE DRAX POWER ECOSTORE FACILITY AND OVERVIEW OF THE BIOMASS HANDLING PROCESS</b> Graham Backhouse, Head of Supply Chain and Logistics, Drax Power John Pethullis, Director, Southdowne Solutions Ltd
16:20 Panel Discussion	<b>BULK HANDLING: FUTURE PLANS FOR INFRASTRUCTURE PROJECTS</b> <ul style="list-style-type: none"> <li>• How can we prepare for future bulk handling projects?</li> <li>• What are the latest technological advancements in bulk handling equipment?</li> <li>• How can the industry make the most of them for future projects?</li> </ul>
16:55	<b>CHAIR'S CLOSING REMARKS</b>
17:00	<b>END OF SEMINAR</b>

For the most up-to-date and detailed programme for the event, please visit [www.imeche.org/bulkhandling](http://www.imeche.org/bulkhandling)

- This programme is subject to change.
- The Institution is not responsible for the views or opinions expressed by individual speakers.

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### FEES AND CHARGES

Registration fees include entry to the sessions, refreshments and a copy of the conference proceedings.

Seminar	Early Bird Rate Until 26 January 2018	Standard Rate
Member, IMechE/supporting organisation	£210 + VAT = £252	£260 + VAT = £312
Non-member	£245 + VAT = £294	£295 + VAT = £354
Student/Retired	£80 + VAT = £96	£100 + VAT = £120

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- 1 Online: [www.imeche.org/bulkhandling](http://www.imeche.org/bulkhandling)
- 2 Email: [eventenquiries@imeche.org](mailto:eventenquiries@imeche.org)
- 3 Phone: +44 (0)20 7973 1251

Please read the information listed below as each booking is subject to the Institution's standard terms and conditions.

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#### CONFERENCE VENUE

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One Birdcage Walk  
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6 March 2018, London

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