

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:



Save 10% before 26 January 2018

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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TERMS AND
CONDITIONS
APPLY

PROGRAMME

WEDNESDAY 28TH FEBRUARY 2018

08:30 REGISTRATION AND REFRESHMENTS

09:00 CHAIR'S OPENING REMARKS

Alan Jackson, Director, Alan Jackson Engineering Services Ltd

BULK HANDLING PLANS FOR FUTURE PROJECTS

09:10 HS2 EXCAVATED MATERIAL MANAGEMENT

Keynote

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 DELIVERING CRITICAL INFRASTRUCTURE IN THE SOUTH EAST: THE LOWER THAMES CROSSING

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

10:10 BULK HANDLING : POWERING THE FUTURE

Roy Dobson, Projects Director, Fairport Engineering Ltd

10:40 QUESTION AND ANSWER SESSION

10:55 NETWORKING REFRESHMENT BREAK

11:25 ENVIRONMENTAL REGULATION, EXPERIENCES AND CONSIDERATIONS AT LARGE INFRASTRUCTURE PROJECTS

Paul Stevens, EandB Senior Advisor, Environment Agency

LESSONS LEARNED FROM CURRENT INFRASTRUCTURE PROJECTS

11:55 MATERIALS HANDLING ON THE NORTHERN LINE EXTENSION

Mark Thompson, Tunnelling Delivery Manager, Transport for London

12:25 THAMES TIDEWAY TUNNEL: LOGISTICS CHALLENGES OF BUILDING LONDON'S SEWER TUNNEL

Nick Butler, Project Sponsor – East, Tideway

12:55 QUESTION AND ANSWER SESSION

13:10 NETWORKING LUNCH

INSIGHT INTO BULK HANDLING EQUIPMENT AND SYSTEMS

14:10 EQUIPMENT SELECTION AND DESIGN TO SUIT THE MATERIAL TO BE HANDLED

Mike Bradley, Director, The Wolfson Centre for Bulk Solids Handling Technology, Department of Engineering, University of Greenwich

14:40 APPLICATIONS OF DEM FOR LARGE INFRASTRUCTURE PROJECTS

Stephen Cole, Engineering Manager, DEM Solutions (EDEM)

15:10 QUESTION AND ANSWER SESSION

15:20 NETWORKING REFRESHMENT BREAK

15:50 THE DRAX POWER ECOSTORE FACILITY AND OVERVIEW OF THE BIOMASS HANDLING PROCESS

Graham Backhouse, Head of Supply Chain and Logistics, Drax Power
John Pethullis, Director, Southdowne Solutions Ltd

16:20 BULK HANDLING: FUTURE PLANS FOR INFRASTRUCTURE PROJECTS

Panel Discussion

- How can we prepare for future bulk handling projects?
- What are the latest technological advancements in bulk handling equipment?
- How can the industry make the most of them for future projects?

16:55 CHAIR'S CLOSING REMARKS

17:00 END OF SEMINAR

For the most up-to-date and detailed programme for the event, please visit www.imeche.org/bulkhandling

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

HOW TO BOOK YOUR PLACE

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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THREE WAYS TO BOOK

- 1 Online: www.imeche.org/bulkhandling
- 2 Email: 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

Institution of Mechanical Engineers
One Birdcage Walk
Westminster
London
SW1H 9JJ

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1 Birdcage Walk
Westminster
London
SW1H 9JJ

T +44 (0)20 7222 7899

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6 March 2018, London

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www.imeche.org/reliabilityharshenvironments



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