Supplying Innovative Solutions For Modernising Rail Depot Operations And Designing Upgrades For Efficiency

Learn How To Cost Effectively Improve Depot Efficiencies Reduce Maintenance Times, Handle New Fleets And Maximise Safety Performance

Key Issues To Be Discussed Include:

- **DESIGNING THE MODERN RAIL DEPOT**: Designing Innovative Modifications To Rail Depots And Workshops: Driving Efficiency Gains And Ensuring New Fleet Compatibility
- **DEPOT MODIFICATION WHILE OPERATING**: Planning For The Modification Of Depot Facilities While Operating: How To Select A Project Management Team To Deliver Upgrades On Time And On Budget
- **HANDLING NEW FLEETS**: Discussing Design And Competency Management Best Practices To Ensure Fleet Compatibility With The Depot And The Maintenance Staff
- **INCREASING OVERALL DEPOT EFFICIENCIES**: Reviewing Process, Power Usage And The Supply Chain To Minimise Depot Costs And Maintenance Times
- **FUNDING DEPOT MODIFICATIONS**: Detailing Investment Strategies And Preemptive Planning To Deliver Safe And Robust Operations
- **AUTOMATION, MONITORING & SECURITY**: Showcasing Innovation In Enhancing Maintenance And Security And Reducing Workforce Expenditure
- **HEALTH & SAFETY**: Presenting Up-To-The-Minute Health & Safety Technologies And Techniques To Deliver Safe And Efficient Operations

Organised By:

London Business Conferences
Driving Innovation And Efficiency In The Modern Rail Depot

Train operating companies across Europe are implementing key strategies in modernising their maintenance facilities to enhance depot efficiencies.

And currently, innovations in rail depot design and management are being driven by a need to seamlessly integrate new fleets and maximise train availability.

But to ensure new fleet compatibility, operators must make key decisions on whether to build a new depot or modify existing facilities, on how to fund depot expansion projects and on choosing the best methods and technologies to optimise operational costs.

Hear World Class Case Studies On How Europe's Leading Train Operators Are:

• Improving overall depot efficiencies
• Maximizing fleet availability by minimising workshop turnaround times
• Implementing strategies for integrating new fleets at minimal cost
• Reducing costs through technological innovation
• Efficiently dealing with unscheduled problems

The first event dedicated specifically to the innovative design and efficient operation of train maintenance facilities, Rail Depots & Workshops Modernisation 2016 debuts at London's Hilton Metropole Hotel on the 25th and 26th of May.

Following on from the success of our highly acclaimed rail series, the event will see leading European operators including Deutsche Bahn, London Overground, Southwest Trains, SNCB, East Midlands Trains and Grand Central Railway converge to share their critical experiences in modifying and managing the depot.

Rail Depots & Workshops Modernisation 2016 will crucially also:

• Clarify future sources for depot modification investment in the UK and across the continent
• Determine the latest technologies and techniques in improving depot health and safety and minimising costs
• Deliver transferrable lessons in process efficiency from the aviation industry

To enhance train availability and efficient operations, railways must modernise their depot facilities to stay in line with new fleets.

Rail Depots & Workshops Modernisation 2016 will deliver the most crucial successes and mistakes in depot design and operations.

• Pan-European Event – Delegates from across Europe will congregate to share best practices and outside-the-box depot management strategies
• Innovation – We will bring together Europe’s most cutting-edge technologies to broaden the range of solutions available to depot managers
• Most Recent Case Studies – The event will showcase modifications and designs from the most recently developed depots in the industry
• Clarification Of Funding Issues – Speakers will discuss the most viable avenues for securing depot modification investment
• Debate On Future Of UK Model – Panellists will debate the impact of the Hendy Report and the categorization of depots as ‘non-critical infrastructure’ and subsequent depot sell-offs

Venue

PALACE BALLROOM
London Hilton Metropole Hotel
225 Edgware Road
London
W2 1JU
How To Modernise Depot Facilities To Ensure New Fleet Compatibility And Minimise Operational Costs And Turnaround Times

Ingo Trockel, Head of Infrastructure Planning Rolling Stock Maintenance, Deutsche Bahn (Germany)

11.30 Question & Answer Session

MODIFICATION PLANS VS. NEW BUILD: UK PERSPECTIVE

11.40 Making The Business Case For Introducing New Fleets Into Depot And Workshop Facilities: Is It More Economical To Build New Facilities Or To Tailor Existing Ones?

• Assessing running and heavy maintenance facility requirements to inform choice of lifting or dropping equipment
• Comparing overhead cranes, jacks and sim-lifts to accommodate jacking points on a new fleet
• Delivering an overview of depot power requirements to advise on selection of pneumatics, air lines and distribution of electricity
• Contrasting gantries, ladders and step installation to allow easy and safe access to pantographs and roof mounted equipment

Paul Edwards, Fleet Manager, London Overground (UK)

12.10 Question & Answer Session

Examining Existing Facilities To Improve Overall Depot Efficiencies And Reduce Costs

Reviewing Process, Power Usage And The Supply Chain To Minimise Depot Costs And Maintenance Times

INNOVATING EQUIPMENT AND WORKING METHODS

12.20 Presenting Rail Depot Equipment For Gear Running Condition Based Maintenance

• Evaluate the latest decision support software to bogie & wheel set full automated maintenance plants identify best practices and equipment’s for heavy Bogie & wheel set maintenance activities.
• Evaluate how new CNC embedded algorithms can improve rail wheelset re-profiling.
• Learn how to use the dynamic train bogie test rig for assessing the correct railway maintenance of the bogie rotary parts and bearings

Robert Leuch, Head Of Production Engineering, SBB (Switzerland)

12.40 Question & Answer Session

12.50 Lunch In The Exhibition Showcase Area

ACTIVE FORWARD PLANNING

16.30 Implementing Active Forward Planning And Preventative Systematic Scheduled Tasks To Pre-Empt Depot Issues And Ensure Rapid Maintenance Completion

• Outlining how to access the right component data for effective predictive maintenance
• Understanding how to prioritise depot tasks to ensure efficient use of resources in the event of a catastrophe
• Discussing the role of centralised planning of exams to match available resources to deliverable work and avoid train delay penalties
• Detailing the most effective maintenance rescheduling and restoring methods to deliver minimal depot disruption when a train is late
• Implementing weekly depot team meetings and job completion contingencies to account for short staffing and maintenance delays

Antonios Moschopoulos, Head Of Thessaloniki Depot, E.E.S.S.T.Y. (Greece)

17.00 Question & Answer Session

17.10 Chair’s Closing Remarks

17.20 - 18.30 Networking Drinks Reception In Exhibition Showcase Area

www.rail-depots-workshops-modernisation.com + 44 (0) 800 098 8489 info@london-business-conferences.co.uk

“A thought-provoking conference that allowed a number of areas to be considered and new ideas to take away”

Eurostar
Day Two
Thursday 26th May 2016

Detailing Investment Strategies and Preemptive Planning To Deliver Safe and Robust Operations

Ian Prosser, Director Of Safety, The Office Of Rail And Road (UK)
11.00 Question & Answer Session

Panel: Technology for Improving Health and Safety in the Depot

11.10 Highlighting the Most Effective Depot Protection System Technologies To Avoid Catastrophic Events
• Detailing the safe use of rapid isolation equipment to reduce the time necessary to remove power from the third rail or overhead wire
• Discussing the use of CCTV and strobe lights to ensure a faster and more secure safety-in-process
• Showcasing the latest laser curtain systems to allow 360° train checks and a quick reaction to any abnormality

Moderated By: Rob Whyte, MD Regional, Intercity & Svs Europe, Alstom (UK)
Panel: Ian Prosser, Director Of Safety, The Office Of Rail And Road (UK)
Panelist: Chi Wong, System Safety Manager, Crossrail (UK)

11.50 Improving Operational Efficiency To Achieve Business Growth
• Outlining how centralising preventative maintenance activities has generated depot capacity
• Demonstrating how lineside materials & self-service access to parts has improved workforce efficiency
• Explaining how the use of Lean Techniques including standard operations has improved productivity
• Outlining adaptations to business strategy to achieve greater responsiveness to customer needs through improved efficiency

Steve Hatfield, Head of Operations Mainline Services, Alstom (UK)
12.10 Question & Answer Session

12.20 Lunch In The Exhibition Showcase Area

Digitalisation of Maintenance Systems

13.30 Discussing the Use Of LEAN And Remote Condition Monitoring For Unscheduled Repairs To Minimise Unplanned Downtime
• Outlining data analyses to understand waste in asset downtime
• Applying LEAN to speed up unscheduled repairs
• Using remote condition monitoring to plan unplanned events
• How to co-ordinate between railway operations and maintenance operations across geographical locations
• Discussing the future of predictive and prescriptive maintenance to improve customer satisfaction on the railway

Falco Mooren, Fleet Manager, Nederlandse Spoorwegen (The Netherlands)
13.50 Question & Answer Session

14.00 Assessing Innovations In Automated And Drone Condition Monitoring For Unscheduled Repairs To Minimise Unplanned Downtime
• Using asset management systems to efficiently track and log depot assets and tasks completed

Led By: Rob Whyte, MD Regional, Intercity & Svs Europe, Alstom
16.30 Chair’s Closing Remarks And End Of Conference

Day Two Will Look At Depot Modification Funding Options, Safety & Security Measures To Minimise Risk, Process And Scheduling Techniques For Minimal Downtime And Automated And Digitalised Lean Maintenance Methods

8.20 Chair’s Opening Remarks
Chaired by: Rob Whyte, MD Regional, Intercity & Svs Europe, Alstom (UK)
KEYNOTE PANEL: STRATEGIES FOR FUNDING DEPOT MODIFICATIONS

8.30 The Evolving Role Of Network Rail And UK And European Franchise Models
• Discussing the Hendy Report to outline Network Rail’s future role in project investment and approvals
• Detailing the eligibility criteria for Department For Transport funding to improve prescriptive
• Clarifying which scheme has replaced the RAD funding system to deliver depot upgrades for potential new franchises
• Learning from private funding options used by ROSCOs to allow investment in previously unconsidered equipment

Moderated By: Rob Whyte, MD Regional, Intercity & Svs Europe, Alstom (UK)
Panelist: Dave Hatfield, Fleet Director, Grand Central Railway (UK)
Panelist: Neil O’Connor, Head of Fleet Performance, Southwest Trains (UK)

9.10 Inspecting The Latest Automation And Monitoring Technologies Used To Conduct Manned And Repetitive Tasks And Minimise Downtime
• Discussing the use of condition-based monitoring systems to facilitate efficient scheduling of maintenance
• Understanding how to shape facilities around maintenance procedures to build reliability and control costs
• Reviewing passenger information system updates and glitches to minimise disruption to maintenance

Dave Hatfield, Fleet Director, Grand Central Railway (UK)
9.40 Question & Answer Session

Networking Break Sponsor - Mechan
9.50 Equipping A “High Performing Depot” - Help To Meet The NTF 20 Point Plan Specification
• Evaluate the latest lifting jack technology for coupled formation lifting
• Flexible undercar handling systems - bogie drops that handle more than bogies
• In house v sourced - bogie workshop equipment
• Provide the depot team with a clean atmosphere - fume extraction options
• Efficient depot movements - electric road / rail shunters for multiple applications

Richard Carr, CEO, Mechan (UK)
10.00 Morning Refreshments In The Exhibition Showcase Area

Health And Safety
Presenting Up-To-The-Minute Health And Safety Technologies And Techniques To Deliver Safe & Efficient Operations

Health And Safety Compliance
10.30 Outlining Health And Safety Compliance To Ensure That Safe Working Practices Develop Alongside New Depot Modifications
• Outlining correct safety management systems and EU directives to ensure worker safety in the depot
• Delivering an update on ORR safety regulation to minimise risk of injury or death in the depot
• Discussing A-G forms to ensure systematically safe working procedures with hazardous equipment including the track and DLE
• Considering risk assessments, safety validations, work package plans and depot inductions to minimise the risk of an accident
• Reviewing CDM design and building regulations to clarify regional standards and avoid penalties

DEPOT SECURITY
14.00 Assessing Innovations In Automated And Drone Security Technologies To Reduce Depot Security Costs
• Ascertaining the efficacy of drone security technology to decide on whether or not to invest
• Comparing CCTV camera technologies to ensure picture clarity in lower lighting levels
• Weighing the cost-benefit of automated gates, fences and coded keypad locks to minimise security expenditure and ensure peace of mind
• Considering the use of GPS sensors to ensure a security guard has completed his patrol
• Katie Buss, Crime Reduction Service Delivery Supervisor South, British Transport Police (UK)
• Mark Stokes, Crime Reduction Service Delivery Supervisor South, British Transport Police (UK)
14.30 Question & Answer Session

14.40 Afternoon Refreshments In The Exhibition Showcase Area
I would like to register the delegate(s) below for the two-day summit
RAIL DEPOTS WORKSHOPS MODERNISATION 2016

Details

Delegate 1
- Name
- Position
- Organisation
- Email
- Telephone

Delegate 2
- Name
- Position
- Organisation
- Email
- Telephone

Payment

Payment must be received in full prior to the event.

Option 1. CREDIT CARD
- Please charge my
  - VISA
  - AMERICAN EXPRESS
  - MASTERCARD

Amount £ GDP

Card number

Name on card

Option 2. INVOICE

An invoice containing payment instructions will be sent electronically upon receipt of the completed registration form.

Delegate Rates

<table>
<thead>
<tr>
<th>Super Early Booking Discount</th>
<th>Early Booking Discount</th>
<th>Standard Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAVE £200</td>
<td>SAVE £100</td>
<td></td>
</tr>
<tr>
<td>Book And Pay By 18th March 2016</td>
<td>Book And Pay By 8th April 2016</td>
<td>From 26th May 2016</td>
</tr>
<tr>
<td>£899+VAT (£1078.80)</td>
<td>£999+VAT (£1198.80)</td>
<td>£1099+VAT (£1318.80)</td>
</tr>
<tr>
<td>Add Audio &amp; Video Package</td>
<td></td>
<td>£399+VAT (£478.80)</td>
</tr>
<tr>
<td>Add Live Streaming</td>
<td></td>
<td>£650+VAT (£780.00)</td>
</tr>
</tbody>
</table>

How To Finalise Your Registration

Now that your details are completed please send your registration form to our Customer Service Team using one of the following options:

Option 1. Email: info@london-business-conferences.co.uk
Option 2. Fax: + 44 (0) 845 867 8109

Enquiries And More Information

Should you have any enquiries or if you would like to request more information contact our friendly Customer Service Team on + 44 (0) 800 098 8489 or visit the conference website at www.rail-depots-workshops-modernisation.com

London Business Conferences Terms & Conditions:

Cancellations received 30 days prior to the congress taking place will be eligible for a refund less £75 administration fee, after that point no refund can be made. Cancellations must be made in writing. If you are unable to attend you may nominate a colleague to attend in your place at no additional cost. London Business Conferences Limited reserves the right to alter or cancel the speakers or program. Receipt of this booking form, inclusive or exclusive of payment constitutes formal agreement to attend and acceptance of the terms and conditions stated.

All outstanding fees must be paid within our standard payment period of 7 days. Any outstanding invoices will remain valid should cancellation of attendance be received outside of the aforementioned cancellation period.

*If you are claiming the early booking discount this may not be used in conjunction with other discounts advertised elsewhere. All discount codes and offers must be claimed at the time of registration. London Business Conferences will not accept liability for any individual transport delays and in such circumstances the normal cancellation restrictions apply.

London Business Conferences Limited
3rd Floor, 25 Christopher Street, London, EC2A 2BS
Registered in England No. 5090859