

# BULK TERMINALS RIGA 2021

THE ONLY EVENT AIMED AT THE ENTIRE BULK TERMINALS INDUSTRY

The Annual Conference of the Association of Bulk Terminal Operators (ABTO)

18-22 OCTOBER 2021  
ONLINE 12:00-15:00 GMT

## Sponsors



**BEDESCHI**



**SAMSON**  
AUMUND GROUP

**FOCUSING**  
on the concerns  
of operators, **Bulk**  
**Terminals 2021 ONLINE**  
will consist of five sessions  
from **Monday 18 - Friday**  
**22 October**, each  
three hours long

**FREE to  
ATTEND**  
Register now

## SESSIONS WILL COVER

- Bulk markets
- The impact of covid-19
- Streamlining and increasing the profitability of operations
- Development opportunities
- Driving efficiency through technology, digitalisation and automation
- Keeping abreast of increasing environmental regulation
- Improving safety and security
- Transshipment, rail and transport connectivity

## Host Port



FREEPORT  
OF RIGA  
AUTHORITY

## Supporting Organisations



## Media Partners



For more details and to register, visit: [bulkterminals.org/events](https://bulkterminals.org/events)

# THE CHALLENGES TO BULK TERMINALS IN A CONTINUING COVID ENVIRONMENT

**Each year with a full programme focused on the concerns of operators the ABTO Bulk Terminals conference offers sound practical solutions for improving safety, streamlining operations, ensuring environmental protection as well as a market analysis and development opportunities – and crucially how the wider industry serving them can provide solutions.**

This year, the effect of covid-19 on terminal operations and measures to minimise its impact will feature. Some of these measures such as digitalisation are already very much on the agenda of operators. Given the importance to Riga – as well as other ports in Latvia and the rest of the Baltic region – of transit cargoes, there will be a focus on rail and transport connectivity.

So despite us running Bulk Terminals 2021 Online it will maintain a Baltic, specifically Latvian flavour.

We always open the annual ABTO Bulk Terminal conference with a strategic look at the markets that drive everything. Like every other area of trade activity, the past two years have been hugely impacted by covid-19. We will cover both the short term and potential continuing effects of the pandemic on bulk markets.

Similarly, operations have been hit hard. The operations session on day two will consider the ongoing impact of covid-19 on operations as well as ways to improve efficiency and the importance of rail and hinterland connectivity. It is encouraging that despite current problems new projects are being developed and our second day will feature a case study on the Teesworks development.

Day three will consider how digitalisation and artificial intelligence can improve operations and the degree to which the pandemic has speeded up their adoption – together with the need to improve cyber security.

Improving the environmental impact of bulk terminals has had a high priority in all our previous conferences. This year will be no exception. Presentations on day four will look at ways to achieve reductions for all types of emissions and how terminal developments can proceed be achieved at the same time protecting the environment.

Our final session on day five looks at the perennial issues of risk and safety across the board. In particular two explosions last year – in Tilbury and Beirut – have highlighted the dangers.

With operator CASE STUDIES, and a panel of EXPERT SPEAKERS providing insight, advice, and solutions, Bulk Terminals 2021 Riga is the only event all those involved in the transportation, storage and handling of bulk commodities need to attend. We are looking forward to meeting you all online in October.

**Simon Gutteridge, Chief Executive, and the ABTO Team**

## KEY TOPICS INCLUDE

- Prospects for the dry bulk market in 2021 and beyond
- Future opportunities
- The importance of good hinterland connectivity
- Loading systems compared
- Understanding the true total cost of equipment ownership
- Will covid speed up then adoption of digitalisation
- Port based measures for reducing emissions
- Dangers from explosive atmospheres

## WHY ATTEND?

- Understand the challenges the bulk terminals industry faces
- Learn from the experts
- Appreciate the needs of your customers
- Join the discussion with industry peers, consultants and investors
- Discover how technology suppliers can improve your compliance and efficiency



## WHO SHOULD ATTEND?

BULK TERMINALS 2021 RIGA is the essential event for operational and technical directors, managers, business development and analysts from:

- Bulk terminal operators
- Port authorities
- Mining companies, commodity producers and traders
- Shippers
- Ship owners, operators, charterers, managers and barge companies
- Logistics, brokers and forwarders
- Materials handling engineers
- Equipment and service providers
- Government and regulators
- Terminal developers and EPC contractors
- Ports and construction consultants
- Finance
- Insurance and P&I
- Lawyers

## SPONSORSHIP OPPORTUNITIES

### BE INVOLVED AS A PARTNER

Attending this event as a partner will give you the opportunity to showcase your technologies, services, solutions and products to some of the most respected leaders in the bulk terminals industry. It's the ideal way to enhance your company profile and communicate effectively with your target audience.

### BENEFITS OF SPONSORING

- Increase awareness of your product or service
- Showcase your product or service to potential buyers
- Benefit from greater market exposure to key purchasing influencers

For more information please call **+33 (0)321 47 72 19** or  
[events@bulkterminals.org](mailto:events@bulkterminals.org)

**FREE to  
ATTEND**  
Register now

PLEASE CLICK **HERE** TO REGISTER NOW FOR YOUR **FREE** PLACE AT

## BULK TERMINALS 2021 RIGA

*"I think you cover most if not all the relevant topics that need discussing and would not add anything to them. As far as I'm concerned you're doing an excellent job"*

**Stewart Boyle**, Sales Manager Maritime Cranes & Port Equipment, Liebherr

*"Great conference, good programme ... Looking forward to the next event"*

**Fergal Buttimer**, CEO, Buttimer Engineering



## CONFERENCE CHAIRMAN

Professor Mike Bradley BSc Hons, PhD, Director, The Wolfson Centre for Bulk Solids Handling Technology, University of Greenwich; Chairman, Solids Handling & Processing Association and ABTO Members' Advisory Panel

## DAY ONE – MONDAY 18 OCTOBER

### OPENING WELCOME ADDRESSES

#### **Association of Bulk Terminal Operators (ABTO)**

*Simon Gutteridge, FIMarEST, Chief Executive, ABTO*

#### **Freeport of Riga Authority**

*Viesturs Zeps, Chairman of the Board, Freeport of Riga Authority*

### MARKETS AND OPPORTUNITIES

#### **Session Chairman**

*Basil M Karatzas FICS, ASA, CEO, Karatzas Marine Advisors & Co*

#### **Keynote introduction**

*Peter Sand, Chief Shipping Analyst, BIMCO*

#### **Short term prospects in the post-covid world**

*Rahul Sharan, Lead Research Analyst Dry Bulk, Drewry Shipping Consultants*

#### **Commercial break**

#### **The future outlook**

*Basil M Karatzas*

#### **Transactions in bulk terminals – opportunities in europe and beyond**

*Anthony van der Hoest, Director Commerce, MTBS*

#### **Panel discussion and questions**

## DAY TWO – TUESDAY 19 OCTOBER

### OPERATIONS, IMPACT OF COVID AND NEW PROJECTS

#### **Session Chairman**

*Edgars Suna, Deputy CEO for Port Development, Freeport of Riga Authority*

#### **Ongoing impact of covid-19 on operational practice and efficiency how to keep things moving during a pandemic**

*Frank Robertson, Vice President Operations, Logistec*

#### **Hinterland connectivity – the importance of rail connectivity to port operations**

*Gundars Ābols, Latvian Railway Expert, Latvijas Dzelzceļš*

#### **Issues with handling biomass – handling technologies and choosing the right system**

*Axel Dahl, Sales Manager, Europe, Bruks Siwertell AB*

#### **Commercial break**

#### **Rail mounted and mobile loading systems – timings and efficiencies compared**

*Lev Evangulov, Senior Proposals Engineer, SAMSON Materials Handling*

#### **CASE STUDY: Teesworks**

*Garry O'Malley, Operations Director, Teesworks and Chairman, Technical Committee, ABTO*

#### **Panel discussion and questions**





## DAY THREE – WEDNESDAY 20 OCTOBER

### OPERATIONS, IMPACT OF COVID AND NEW PROJECTS CONTINUED

**Understanding the total cost of ownership**

*Professor Mike Bradley*

### DIGITALISATION AND ARTIFICIAL INTELLIGENCE

**Session Chairman**

*Richard Morton*, Secretary General International Port Community Systems Association (IPCSA)

**Strategic drivers for the electronic exchange of information in ports**

*Richard Morton*

**CASE STUDY: Digital solutions implemented in the Riga Universal Terminal**

*Janis Kasalis*, CEO, Riga Universal Terminal & *Raitis Tukans*, Head of Business Support, Freeport of Riga Authority

**Commercial break**

**Port Call Optimisation and how covid-19 will affect future operations and speed the adoption of digitalisation**

*Captain Ben van Scherpenzeel*, Chairman, International Task Force Port Call Optimization

**Cyber security**

*David Nordell*, Maritime Security Expert and Director, Synapse Cyber Strategy

**Panel discussion and questions**

## DAY FOUR THURSDAY 21 OCTOBER

### ENVIRONMENTAL PROTECTION

**Session Chairman**

*Professor Mike Bradley*

**Reducing shipping greenhouse gas emissions in ports**

*Ian Adams*, CDir, FloD, IEng, FIMarEST, Technical Director, ABTO

**Ensuring efficient, seamless, dust free and sustainable operations**

*Lodovico Bernardi*, Sales Director Asia Pacific, Bedeschi SpA

**Commercial break**

**Electrification – an immediate and major reducer of emissions**

*Justin Leonard*, Director, igus UK

**CASE STUDY: Achieving port development with environmental protection**

*Deniss Bickovs*, IT Project Manager, Freeport of Riga Authority

**Panel discussion and questions**

“The programme gave me a good insight into our terminal customers’ needs. We will be back.”

**Mark Smith**, Projects and Installations Manager, igus

## DAY FIVE FRIDAY 22 OCTOBER

### SAFETY AND RISK

**Session chairman's introduction**

*Richard Steele*, Head of ICHCA International

**Risk issues**

*Peregrine Storrs-Fox*, Risk Management Director and Oscar Egerström, Underwriter, TT Club

**RESEARCH AND CASE STUDIES: Application of new dust control technologies for bulk loading and unloading operations**

*Professor Peter Wypych*, Director and *Dr Jon Roberts*, Researcher, International Solids Handling Research Institute (ISHRI) and *Dr Renhu Pan*, Vice President, Fujian Longking Co

**Commercial break**

**Explosive atmospheres and fires**

*Professor Mike Bradley*

**Panel discussion and questions**

**CONFERENCE CHAIRMAN'S CLOSING REMARKS**

**FREE to ATTEND**  
Register now

## ABTO COURSES AND TRAINING 2021-2022

A key feature of ABTO's Mission is developing training schemes and educational seminars to facilitate advancement and best practice.



### UNDERSTANDING THE TOTAL COST OF OWNERSHIP

How to avoid future problems and buy bulk solids handling equipment intelligently

### NEW SHORT COURSE ONLINE

### 23-24 NOVEMBER 2021

All too often the operational requirements of the equipment to be supplied to bulk terminals is not properly understood by either the buyers or the sellers. Purchase decisions purely based on price or a lack of knowledge of the characteristics of the material to be handled – or frequently both – will fail to understand the true cost of a bulk solids handling system to a business in terms of down-time; energy; maintenance and manning.

The **OBJECTIVE OF THE COURSE** is to raise awareness amongst bulk terminal buyers of the need to behave in a better-informed way and equipment suppliers to understand the operational needs of the equipment they are supplying.

The course will be delivered through **EXPERT PRESENTATIONS, CASE STUDIES** and **GROUP WORKING** facilitated by The Wolfson Centre for Bulk Solids Handling Technology and the Solids Handling & Processing Association (SHAPA).

For further details please click **HERE** or contact **Simon Gutteridge** [events@bulkterminals.org](mailto:events@bulkterminals.org) +33 (0)3 21 47 72 19

Please click **HERE** to register



### BIOMASS OPERATIONS AND HANDLING TECHNOLOGIES

### SHORT COURSE – ONLINE

### 21 – 25 FEBRUARY 2022

With thanks to BRUKS Siwertell for the use of their image.

Held in collaboration with The Wolfson Centre, this course has been designed to help delegates identify and resolve common problems when handling the various biomass materials.

For further details including fees, registration and discounts for ABTO members please click **HERE** or contact either **Simon Gutteridge** [events@bulkterminals.org](mailto:events@bulkterminals.org) +33 (0)3 21 47 72 19 or **Caroline Chapman** [wolfson-enquiries@gre.ac.uk](mailto:wolfson-enquiries@gre.ac.uk) +44 (0)20 8331 8646

*"It was certainly a very good experience for me to be part of the ABTO conference... and believe me it exceeded all my expectations"*

**Michael Gubbins**, Vice President, CODELCO – Corporación Nacional del Cobre de Chile



# PORT AND TERMINAL OPERATIONS FOR BULK CARGOES ONLINE DELIVERY

## 14 - 17 MARCH 2022

Held again in March last year in collaboration with The Wolfson Centre, this popular **ONLINE SHORT COURSE** is ideal for anyone with responsibility for the safe handling and storage of bulk cargoes. The course has been subsequently repeated online several times.

For further details, fees, registration and discounts for ABTO members please click **HERE** or contact either  
**Simon Gutteridge** [events@bulkterminals.org](mailto:events@bulkterminals.org) +33 (0)3 21 47 72 19 or  
**Caroline Chapman** [wolfson-enquiries@gre.ac.uk](mailto:wolfson-enquiries@gre.ac.uk) +44 (0)20 8331 8646

*"I consider this course has been a very useful to approach a number of questions about bulk cargoes. The variety of subjects covered was high, from port equipment to the unloading and loading of ships, the various forms of storage, and the risks of fire and explosion."*  
**Duarte Bastos**, Terminal Manager, SILOPOR - Empresa de Silos Portuários, SA"

With thanks to IMechE for their support of these courses

Institution of  
**MECHANICAL  
ENGINEERS**

Other Short Courses offered by The Wolfson Centre for Bulk Solids Handling Technology

The other short courses that The Wolfson Centre run will also be offered online for the foreseeable future. Particularly those dealing with the pneumatic conveying of bulk solids will be of interest to many in the bulk terminals community.

ABTO members have been kindly offered a discount on fees for this and The Wolfson Centre's other short courses.

Please click **HERE** or contact **Caroline Chapman** [wolfson-enquiries@gre.ac.uk](mailto:wolfson-enquiries@gre.ac.uk)  
**+44 (0)20 8331 8646** for further details.



**FOR MORE DETAILS OF COURSES AND TRAINING, VISIT:  
[BULKTERMINALS.ORG/EVENTS/COURSES-AND-TRAINING](http://BULKTERMINALS.ORG/EVENTS/COURSES-AND-TRAINING)**

