

BULK TERMINALS ANTWERP 2024

THE ONLY EVENT AIMED AT THE ENTIRE BULK TERMINALS INDUSTRY

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

23-24 OCTOBER 2024

INCLUDING VISIT TO EUROPORTS BULK TERMINAL

Organised by

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**CONFERENCE
RECEPTION AT DE
KONINCK ANTWERP
CITY BREWERY**

PROGRAMME

OFFERING PRACTICAL SOLUTIONS SESSIONS WILL COVER

- An in-depth sector by sector market analysis
- Streamlining operations and increasing efficiency
- Protecting against cyber attack
- Minimising risk
- Improving safety
- Ensuring environmental protection and compliance
- How equipment and service providers can provide solutions to terminal operators' needs.

Host port



**Port of
Antwerp
Bruges**

Organised by

abto
ASSOCIATION OF BULK
TERMINAL OPERATORS

For more details and to register, visit: bulkterminals.org/index.php/events

This year Bulk Terminals 2024 is being held in Antwerp at the Radisson Blu Hotel, Antwerp City Centre. We are very grateful for the support of the Port of Antwerp-Bruges – the port authority that manages the ports of Antwerp and Bruges (Zeebrugge) since their merger in 2022.

The second biggest port in Europe with an overall throughput of 271 million tonnes per year, the Port of Antwerp-Bruges is a critical hub in worldwide trade and industry, receiving containers, breakbulk, passengers, rolling stock, liquid as well as dry bulk.

With terminals equipped to receive capesize or panamax ships, the Port of Antwerp-Bruges handles a wide variety both major and minor of dry bulk products, such as energy bulk, minerals, grain, fertilizers and scrap – all with multimodal access.

The Port of Antwerp-Bruges is more than a loading and unloading site for these dry bulk goods. It prides itself on offering such services as blending, liquefying, repackaging and preparation for transport, also specialist storage facilities and the highly efficient transit of goods, with most logistics companies in Antwerp having the AEO-full certificate.

With a full programme of presentations, panels and case studies the Antwerp conference will start with the traditional analysis of bulk markets, continuing with a full programme focused on the concerns of operators – offering sound practical solutions to terminal operators for improving safety, streamlining operations, plus ensuring environmental protection and compliance.

With panels on both circular economies and green port strategy, these are subjects which are ideally covered in this year's conference, given that the transition to a circular economy is part the Port of Antwerp-Bruges' ambition to be a climate-neutral port by 2050.

The cyber threat will also be covered. A keynote presentation will highlight bulk markets vulnerability to wars and political disruptions – adding attacks on shipping in the Red Sea to the mix of the continuing war in Ukraine and China's willingness to weaponise its influence in bulk trades in pursuit of a wider political agenda.

The Annual ABTO Bulk Terminals Conferences are designed for all those involved in the transportation, storage and handling of bulk commodities. As well as terminals and ports we welcome equipment and service suppliers, professional advisors and academics to the conference. Indeed, ABTO feels strongly it is only through the interaction with these others that bulk terminals will achieve increased the operational efficiencies, better security, safety and environmental compliance they need to achieve.

There will be plenty of opportunities for that interaction. Ample time is provided to network during the course of the conference proper during breaks and discussions.

Additionally, there is the relaxed and convivial atmosphere of Ice Breaker Drinks in the bar of the Radisson Blu for arrivals on the evening before the event starts and then the Conference Reception at the end of day one at the De Koninck Antwerp City Brewery – sampling Belgium's famously strong artisanal beers. Both of these provide the perfect opportunity renew old friendships and make new ones.

A further valuable networking opportunity is afforded by our traditional terminal visit on the afternoon of the second day. Our thanks to Euroports for inviting us to visit their Fertilisers and Minerals Terminal.

Together with our conference Chairman Professor Mike Bradley, our session Chairmen Rahul Sharan and Garry O'Malley plus ABTO Technical Director Ian Adams, I look forward to welcoming you all to Bulk Terminals Antwerp in October.

Simon Gutteridge, Chief Executive, ABTO



Simon Gutteridge,
Chief Executive, ABTO



Mike Bradley,
Director, The Wolfson Centre

KEY TOPICS

- Bulk markets vulnerability to wars and political disruptions
- Progress towards bulk terminal automation
- CASE STUDY: Glencore terminal application of radar technology
- PANEL: Circular economies
- Developments in maritime decarbonisation – getting ports to net zero
- PANEL: Options for a green port strategy
- Update of the latest cyber risks and taking protective measures
- Innovations in safety technologies



WHY ATTEND?

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



WHO SHOULD ATTEND?

BULK TERMINALS 2024 ANTWERP 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
- Ports and construction consultants
- Finance
- Insurance and P&I
- Lawyers

SPONSORSHIP AND EXHIBITION OPPORTUNITIES

BE INVOLVED AS A PARTNER

Attending this event as a partner – exhibiting or sponsoring – 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.

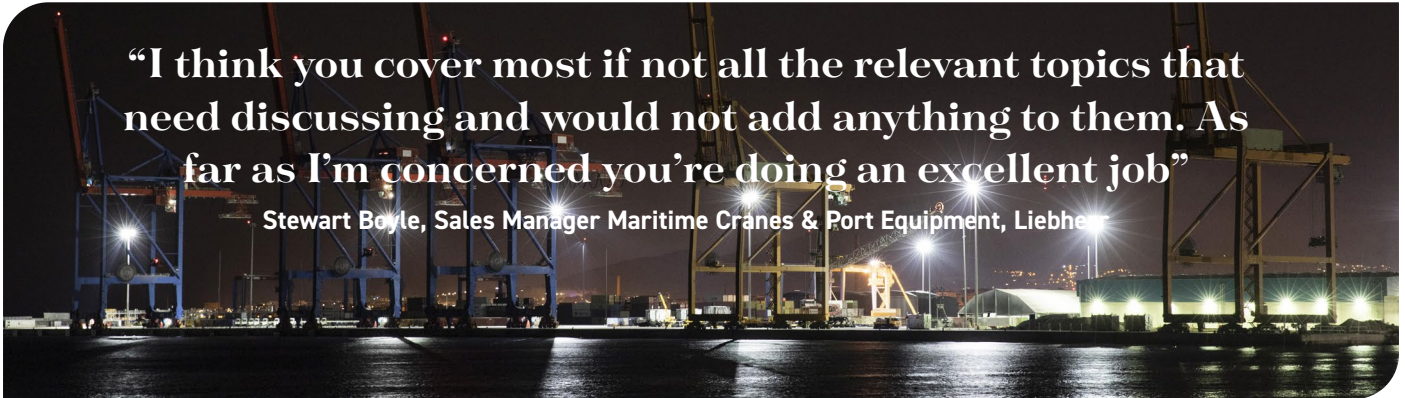
BENEFITS OF SPONSORING

- 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**



18:00 Ice Breaker Drinks



CONFERENCE DAY ONE

WEDNESDAY 23 OCTOBER 2024

08:15 Registration and refreshments

OPENING WELCOME ADDRESSES

09:00 **Simon Gutteridge** BA Law (Hons), FIMarEST, Chief Executive, ABTO

Conference Chairman’s opening remarks

09:05 **Professor Mike Bradley** BSc Hons, PhD, Director, The Wolfson Centre for Bulk Solids Handling Technology, University of Greenwich; Chairman, Solids Handling and Processing Association (SHAPA) and the ABTO Members’ Advisory Panel

09:15 **Jo Van der Hertten**, Key Account Manager, Port of Antwerp-Bruges Bulk Terminals

BULK MARKETS

Session Chairman: **Rahul Sharan**, Deputy Director – Bulk Research, Drewry

09:25 **KEYNOTE: Bulk markets vulnerability to wars and political disruptions**

Dr Wouter Jacobs, Executive and Academic Director Erasmus Commodity & Trade Centre, Erasmus University Rotterdam

09:55 **Prospects for the major bulks**

Rahul Sharan

10:40 **Biomass**

Jérémie Geelen, Market Intelligence Director, Bioenergy Europe

11:10 Refreshments

11:40 **Overview of minor bulks – waste, fly ash, aggregates**

Rahul Sharan

12:20 Panel discussion and questions – Previous speakers and Chairman

12:45 Lunch

OPERATIONS

Session Chairman: **Garry O’Malley**, Operations Director, Teesworks and Chairman, ABTO Technical Committee

14:00 **Progress towards bulk terminal automation**

Nick Chubb, Managing Director, Thetius

14:25 **What is Containerised Bulk Handling (CBH)**

Frank van Laarhoven, Senior Sales Manager Europe, RAM Spreaders

14:50 **Latest developments in the electrification of terminal operations – cold ironing and harbour machinery**

Hanne Geelen, Country Manager Belgium and **Tobias Batzdorf**, Shore Power Manager, igus

15:15 Refreshments

15:45 **CASE STUDY: Glencore terminal application of radar technology**

Dr. Christian Augustin LLM, Managing Director, indurad GmbH

CASE STUDIES PANEL: Circular economies

Jessica Gerritsen, Port Area Development Expert Circular Economy, Port of Antwerp-Bruges

16:10 **Albert-Jan Ars**, Commercial Manager Port Operations, Katoen Natie


Yves Bosteels, General Manager Dry Bulk Division, SEA-invest

Kris Dhondt, Commercial Director Belgium, Euroports Belgium NV

16:40 Chairman’s conclusions and close of day one

EVENING SESSION

16:45 Depart for tour of De Koninck Antwerp City Brewery and Conference Reception

08:30	Refreshments
09:00	Conference Chairman's opening remarks Professor Mike Bradley
ENVIRONMENT	
Session Chairman: Professor Mike Bradley	
09:05	Developments in maritime decarbonisation – getting ports to net zero. Nick Chubb
09:30	Sustainability gains from advances in technology David Ingvarsson , Sales Manager, BRUKS Siwertell AB
PANEL DISCUSSION: Options for a green port strategy	
Arne Strybos , Program Manager Fuel Transition, Port of Antwerp-Bruges Maarten Boot , Policy Advisor, FEPORT	
09:55	Nick Chubb David Ingvarsson Karin Smit-Jacobs , Director EU Transport and Energy, Conference of Peripheral Maritime Regions (CPMR) Tobias Batzdorf
INTERACTIVE SESSION:	
10:25	Delegates from ports and terminals join panellists from the previous session to report where they are with their journey implementing a strategy for greening their operations
10:45	Refreshments
CYBER SECURITY, SAFETY & RISK	
Session Chairman: Professor Mike Bradley	
11:15	Update of the latest cyber risks and taking protective measures Richard Hodder , CEO, Pelion Consulting
11:40	Safety – eliminating risk Neil Dalus , Risk Assessment Manager, TT Club
12:05	Innovations in safety technologies Richard Steele , Head of ICHCA International
12:30	Discussion and questions
12:50	Chairman's summary of conference deliberations
13:00	Lunch
TERMINAL VISIT	
14:00	Visit to Euroports' Fertilisers and Minerals Terminal 
16:30	Close of conference and return by coach to central Antwerp

“Made some very good contacts – the perfect niche event. Relaxed, intimate atmosphere and the programme gave me a good insight into our terminal customers’ needs”

Mark Smith, Projects and Installations Manager, igus

The programme is subject to change. For the most up-to-date and detailed programme for this event, please visit bulkterminals.org/events

Registration



BULK TERMINALS 2024 ANTWERP

23-24 October 2024: Radisson Blu Hotel, Antwerp City Centre

TWO EASY WAYS TO REGISTER

- 1** Online: www.bulkterminals.org/events/event-registration
- 2** Email: events@bulkterminals.org

REGISTRATION FEES

ABTO Members £1,200 + VAT

*Non-Members £1,400 + VAT

DISCOUNTS AVAILABLE FOR GROUP BOOKINGS

Contact **Simon Gutteridge** +33 (0)321 47 72 19 or events@bulkterminals.org

** For details of how join ABTO and its benefits, including reduced conference fees, please visit:*

www.bulkterminals.org/membership

On receipt of your registration we will email an invoice with details of payment, which is due immediately, together with details of specially negotiated hotel rates.

Cancellations

Cancellations of a registered place must be received in writing no later than 14 days prior to the event. A charge of £100 + VAT will be made for cancellations received before this date, but it is regretted that no refunds will be issued after this date. However, substitute delegates are welcome.

“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

“It was certainly a very good experience for me to be part of the ABTO conference. I met a lot of very interesting people from different sectors and believe me it exceeded all my expectations”

Michael Gubbins, Logistics Vice President, CODELCO - Corporación Nacional del Cobre de Chile



ABTO Courses and Training 2025

A key feature of ABTO's Mission is developing training schemes and educational seminars to facilitate advancement and best practice. These include the popular annual Port and Terminal Operations for Bulk Cargoes, plus occasional courses like Biomass Operations & Handling Technologies and Understanding the Total Cost of Ownership which will be run when the demand justifies it. We are grateful for the input from The Wolfson Centre.



Port and Terminal Operations for Bulk Cargoes

TBC March 2025

Held 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. Delegates will gain an understanding of the reasons for the varied behaviour of, and how to handle, bulk particulate materials as they travel across the seas or are stored and transported to and from port terminals.

"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



Biomass Operations and Handling Technologies

Dates TBA

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.

"The course is very detailed and informative on a technical level. It also provides a lot of in-depth insight into the wood pellet bio-mass industry and provides a good foundation of knowledge to someone new to that industry" Lin Delassus, Logistec, US

"Great conference, good programme and networking – met some useful people."

Fergal Buttimer, CEO, Buttimer Engineering



Understanding the Total Cost of Ownership

Dates TBA

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 of all of these courses including fees, registration and discounts for ABTO members and partners please click **HERE** or contact: **Simon Gutteridge** events@bulkterminals.org +33 (0)3 21 47 72 19 to register an interest in attending – especially for Biomass Operations & Handling Technologies and Understanding the Total Cost of Ownership which will be held when there is sufficient interest.

Other Short Courses offered by The Wolfson Centre for Bulk Solids Handling Technology, 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 +44 (0)20 8331 8646 for further details.



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**MECHANICAL
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With thanks to our sponsors of Bulk Terminals 2024 Antwerp



RAM Spreaders have been supplying container handling equipment to ports and terminals worldwide for over five decades. Expanding their product portfolio by entering the bulk handling industry a decade ago with their environmentally friendly RAM Revolver Containerised Bulk Handling Solution (RAM CBH).

The RAM CBH solution allows bulk terminals, handling facilities and traditional container terminals the ability to handle bulk without loss of commodity or contamination, as the CBH system uses open-top sealed containers as a mode of transport and unloading of bulk, with the commodity only seeing the light of day immediately prior to being unloaded at its final destination.

The flexibility of CBH allows traditional container ports using the same equipment to turn into a bulk port in less than two hours, resulting in a twofold increase in profits.

www.ramspreaders.com



indurad, based in Germany, specializes in the development and production of 2D and 3D radar sensors, offering advanced solutions for mining and bulk material handling. Radar technology is particularly advantageous as it can penetrate dust, fog, and other obstructions, making it ideal for bulk port operations.

indurad's offerings range from basic solutions for measuring bulk material flow, hopper levels, and collision avoidance to more complex systems for material tracking, stockpile scanning, stacker reclaimer automation, and even fully autonomous shiploaders and unloaders.

www.indurad.com



Bruks Siwertell is a market-leading supplier of dry bulk handling and wood processing systems. With thousands of installations worldwide, our machines handle your raw materials from forests, fields, quarries and mines, maintaining critical supply lines for manufacturers, mills, power plants and ports.

We design, produce and deliver systems for loading, unloading, conveying, storing, and stacking and reclaiming dry bulk materials, alongside equipment for chipping, screening, milling and processing wood for the biofuel, board, saw mill, pulp and paper industries.

We are global and local. You will find our main offices in the US, Sweden, Germany, China, Philippines, Russia and Taiwan, supported by a dedicated network of hundreds of representatives and dealers worldwide.

www.bruks-siwertell.com

To view a video of the Siwertell ship unloader in action please click [HERE](#)



igus® GmbH is a globally leading manufacturer of energy chain systems and polymer plain bearings.

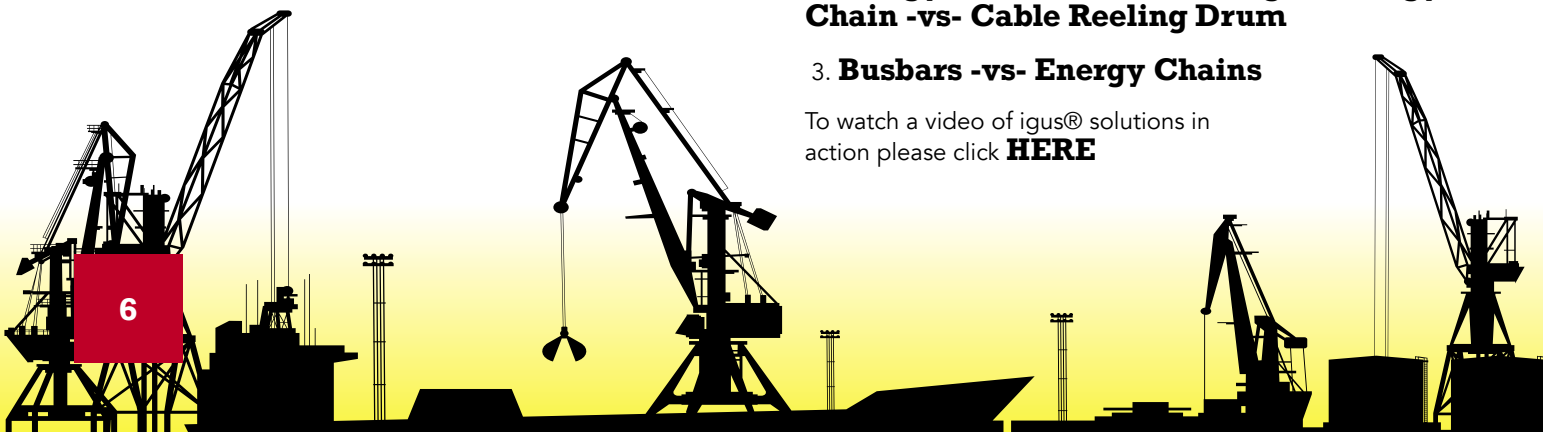
The Cologne-based family business has offices in 35 countries and employs 3.180 people around the world. Iigus® operates the biggest test laboratory in the industry: 2.750 m² bring the idea of «motion plastics®» – polymer machine elements that drive and move – right to life. Here, around two billion test cycles are completed annually.

The goal of all this is to provide our customers with the very best product for their individual requirements – configurable online and deliverable after 24 hours. In the area of predictive maintenance, igus develops intelligent solutions that issue a warning of failure in good time before an unscheduled and very cost-intensive shutdown occurs. Click for details of Long travels with energy supply systems and Solutions for mining and bulk handling

Please click on the links below for igus® Whitepapers

1. **Energy Chain -vs- Festooning**
2. **Energy Chain -vs- Cable Reeling Drum**
3. **Busbars -vs- Energy Chains**

To watch a video of igus® solutions in action please click [HERE](#)





TT Club is the established market-leading independent provider of mutual insurance and related risk management services to the international transport and logistics industry. The Club's services include specialist underwriting, claims management and risk and loss management advice, supported by a global office network.

TT Club's primary objective is to help make the industry safer and more secure. Established in 1968, TT Club has more than 1200 Members, spanning owners and operators, ports and terminals, and logistics companies, working across maritime, road, rail, and air. Members range from some of the world's largest logistics operators to smaller, bespoke companies managing similar risks.

The Club is renowned for its high-quality service, in-depth industry knowledge and enduring Member loyalty. It retains more than 95% of its Members with a third of its entire membership having chosen to insure with the Club for 20 years or more.

TT Club is managed by Thomas Miller – an independent and international provider of insurance, professional and investment services.

www.ttclub.com

“The course is very detailed and informative on a technical level. It also provides a lot of in-depth insight into the wood pellet bio-mass industry and provides a good foundation of knowledge to someone new to that industry”

Lin Delassus, Logistec, USA



Polimak is a renowned engineering and fabrication company specializing in bulk solids handling technologies for over 40 years. Our expertise lies in developing innovative and efficient handling solutions for powders, granules, and pellets across diverse industries, including food, chemicals, plastics, minerals, and agriculture. We offer a comprehensive range of products, from individual equipment to turnkey installations, ensuring reliable and effective logistics and industrial applications.

One of our standout innovations is the Tilt-less Liner System. Unlike conventional bulk bag methods, this system simplifies the process by reducing handling steps, enhancing safety, and minimizing contamination risks. The Tilt-less Liner System loads bulk solids into sea containers with minimal dust and particle degradation, ships them efficiently, and unloads directly into silos or production lines within 15-25 minutes without tilting. This streamlined process eliminates the need for forklifts, reduces labor, and bypasses traditional port bulk handling operations.

Additionally, our Smart Logistics solution integrates advanced material handling technologies and an IoT platform to transform raw material logistics and storage. Serving operators, ports, terminals, and logistics companies across maritime and rail, we offer flexible transport, routing, and storage options to mitigate supply chain disruptions and ensure efficient, reliable operations.

At Polimak, our dedicated team of specialists is committed to delivering extraordinary, customized solutions that enhance value for our global customers. With a focus on digital technology integration, we continuously innovate to provide efficient, reliable, and cost-effective systems, reflecting our passion, respect, and commitment to excellence in bulk solids handling.

To view videos of Polimak's Bulk Material Handling Solutions please click [HERE](#) and their Mobile Bulk Materials Handling Technologies please click [HERE](#)

polimak.com

“My colleagues and I attended the ABTO conference in Riga, which was an excellent and well-coordinated event”

Grant Honzik, Operations Director – Bulks, Teesport,



Host Port

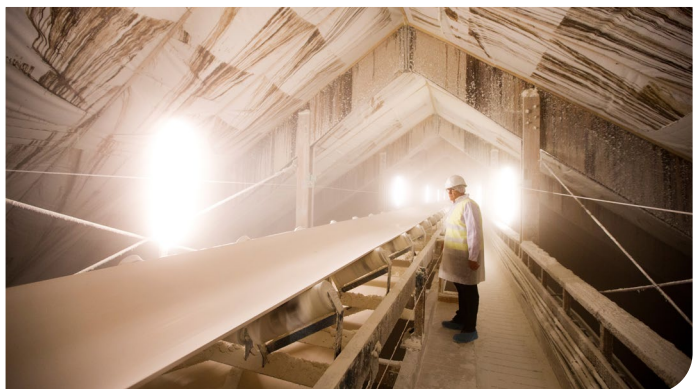
With thanks to our Host Port of Bulk Terminals 2024

About the Port of Antwerp-Bruges

With an overall throughput of 271 million tonnes per year, Port of Antwerp-Bruges is a critical hub in worldwide trade and industry. The port is a crucial link for the handling of containers, dry bulk, breakbulk and for the throughput of vehicles with 14,8 million tonnes of dry bulk handling in 2023. Port of Antwerp-Bruges is home to 1,400 companies and accommodates the largest integrated chemical cluster in Europe. The port provides, directly and indirectly, a total of around 164,000 jobs and generates an added value of 21 billion euros.

The ambition for Port of Antwerp-Bruges is clear - to become the world's first port that reconciles economy, people and climate. As well as growing in a sustainable way, the Port also aims to focus on its unique position as a logistics, maritime and industrial centre and to take the lead in the transition to a circular and low-carbon economy. Together with the port community, customers and other partners, Port of Antwerp-Bruges is actively seeking innovative solutions for a sustainable future. High on the agenda is its responsibility for the environment and the surrounding society.

www.portofantwerpbruges.com



Photos © Antwerp-Bruges

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Supporting Associations



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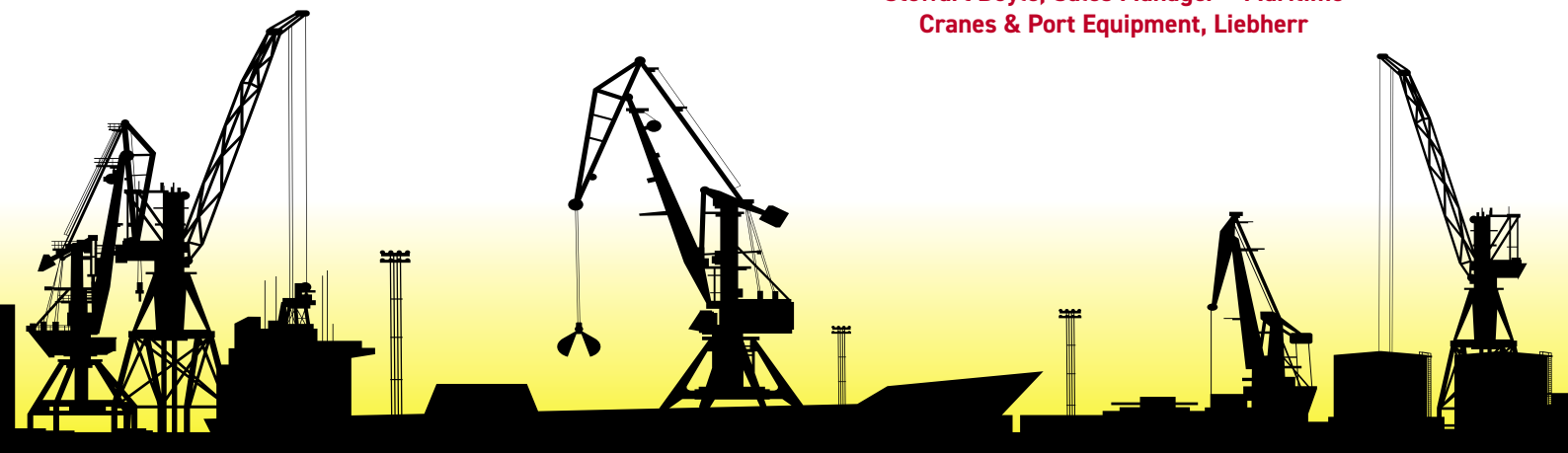


“The programme gave me a good insight into our terminal customers’ needs. We will be back.”

Mark Smith, Projects and Installations Manager, igus

“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



“Thank you very much for putting a very good conference together again this year.”

Frank Robertson, Vice-President Operations Ontario, Logistec Stevedoring Inc

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



“I compliment ABTO for the high quality event we all enjoyed”

Javier Quintero Saavedra CMIOSH, Chairman, Dry Bulk Cargoes Working Group, ICHCA International and Head of HSE, Terminales Maritimos de Galicia

