NEW SHORT COURSE ONLINE

UNDERSTANDING THE TOTAL COST **OF OWNERSHIP**

HOW TO AVOID FUTURE PROBLEMS AND BUY BULK SOLIDS HANDLING EQUIPMENT INTELLIGENTLY

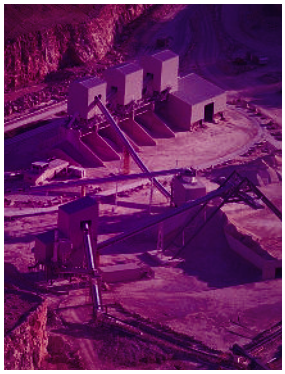
23-24 NOVEMBER 2021

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.

KEY TAKAWAYS: The course will give both terminal operators and equipment manufacturers an insight into what should be on the one side be specified, and on the other side supplied.

SUBJECTS COVERED INCLUDE:

- Nature of the problem
- The Hall of Shame – examples of projects that have gone off the rails to greater or lesser degree
- Quantifying how high the risk is – a review of the Rand Report findings
- Understanding why technical risk is so high with bulk solids handling projects
- Know your enemy – materials for design and for controlling technical risk
- Practical approach to design to accommodate material characteristics
- The virtue of the bespoke suit over prêt-à-porter
- A project management approach is not enough – understanding the true cost of a bulk solids handling system to a business
- CASE STUDY: Drax Power Ecostore Project – a challenging project where some of the best practice techniques were used
- DISCUSSION GROUPS – delegates break into groups under the supervision of the course tutors to discuss how well they currently apply best practice, what they can improve for the future and the difficulties to be overcome



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ASSOCIATION OF BULK TERMINAL OPERATORS

SHAPA

UNIVERSITY of GREENWICH
The Wolfson Centre for Bulk Solids Handling Technology

For further course details please contact **Simon Gutteridge**

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