

5TH ANNUAL DECOMMISSIONING & DEMOLITION FORUM FOR HIGH HAZARD PROCESS PLANTS:

Fossil-Fuel Power Plants, Chemical/Petrochemicals and Refineries

March 7th–8th, 2019 – Barcelona, Spain

VENUE



FEATURED

- Learn about how latest regulations and market drivers are affecting the future asset closures in heavy industrial sector
- State-of-the-art techniques for demolition and dismantling
- How to approach decommissioning project planning and procurement
- Prioritizing Health, Safety and Environment in decommissioning projects

SPEAKER PANEL

CHAIRMAN:

Paul James
Development Director
Ramboll

Arne K. Bayer
Head of Asset
Development
Uniper

Phil Buchan
Commercial Director
Cyberhawk

Mark Coleman
CEO
The Coleman Group

Terry Irving
Head of Business
Development and
Marketing
Brown and Mason

Paolo Coghe
International
Economist and Co-
Author of IEEFA*
Reports
*IEEFA: Institute for
Energy Economics &
Financial Analysis

Eduardo Ortega
Senior Manager
Ramboll

Nikolas Ruotsalainen
International
Trade Manager
Delete

Bob Johnstone
Managing Director,
Decommissioning
Keltbray

Paulo Carvalho
Project Manager
EDP

Jose Blanco
Secretary General
European Demolition
Association

Ian Wharton
Strategic Development
Director
RVA Group

Keiron Mulholland
Senior Manager,
Demolition
Client Representative
(RVA Group)

Marianne Hedberg
Expert Environmental
Issues
The Swedish
Construction
Federation

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Thursday, 7th March 2019

DAY ONE

08.30 Registration & Morning Coffee

09.00 Opening address from the Chairman:
Paul James, Development Director, Ramboll

09.15 **Walking into the sunset – the last farewell of two Portuguese giants**

- The Setubal and Carregado power plants
- The road so far
- The challenges ahead

Paulo Carvalho
Project Manager
EDP

10.00 **Enhancing Circularity: Waste Handling in the Construction & Demolition Sector**

- Circular Economy and seeing the whole picture
- Pre demolition audit
- Guidelines on environmentally sound resource and waste handling

Marianne Hedberg
Expert Environmental Issues
The Swedish Construction Federation

10.45 Coffee & Networking Break

11.15 **The feasibility and practicality of equipment reuse from highly hazardous D&D environments**

- Equipment reuse from Blast Furnace & Chemical Fire & Thermal Power Plant
- Simultaneous D&D operations
- Factors effecting 2nd hand feasibility
- Lessons Learned

Nikolas Ruotsalainen
International Trade Manager
Delete

PANEL DISCUSSION:

12.00 **Procurement of contractors**

- The importance of tendering process
- How to approach the procurement of contractors
- Getting the other side's perspective: inputs from both operators and vendors

Speakers of Day 1

12.45 Lunch & Networking Break

13.45 **Strategic Approach for End of Asset Life Site**

- Complete demolition of sites
- Partial demolition and disentanglement
- Sale of sites including power station
- Sale/transfer of key components
- New projects on old sites
- Success factors and lessons learnt

Arne K. Bayer
Head of Asset Development
Uniper

14.30 **Power Station Demolition in Industrial and Urban Environments**

- The controlled use of explosives on steel framed structures
- Safe preweakening of steel and concrete structures
- Strand Jack lowering of plant and structures

Bob Johnstone
Managing Director, Decommissioning
Keltbray

15.15 Tea & Networking Break

15.45 **Case Study: Major European Multi Hydrocarbon Plants Decommissioning/Demolition Programme**

- Five year programme: multiple plants and locations
- Historical legacy aspects
- Project execution strategy
- Progress so far

Ian Wharton
Strategic Development Director
RVA Group

Keiron Mulholland
Senior Manager, Demolition
Client Representative (RVA Group)

ROUNDTABLE DISCUSSION:

16.30 **The people behind the decommissioning projects**

- Workforce shortage: how to attract the industry's next generation?
- Training/ Apprenticeship /Cooperation with Universities
- Addressing the mental health & wellbeing in the workplace

Speakers of Day 1

17.15 End of Day One – Closing Word from the Chairman

17.15 **Networking Reception: Join us for drinks & bites!**

A great opportunity to have an informal chat with peers from the industry. Bring plenty of business cards to exchange.

08.45 Morning Coffee

09.00 Global Trends in Demolition, Decontamination and Recycling Industry

- How DDR generates added value for asset owners

Jose Blanco
Secretary General
European Demolition Association

09.45 Digital Demolition

- Current state of technology
- Areas where we can use digital now - so much more than BIM
- Stages, barriers, challenges, solutions to delivering and autonomous demolition job
- Solving problems with skills shortage and accident reduction
- Is this the solution to zero accidents?
- Artificial intelligence; leadership for the #IR4

Mark Coleman
CEO
The Coleman Group

10.30 Coffee & Networking Break

11.00 Digitising decommissioning using drone-captured data

- The importance of understanding the full integrity of the asset prior to decommissioning
- Some areas can be difficult to access; drones are a proven solution to quickly, cheaply and safely access challenging and hazardous environments
- Data captured via a drone can be used to visualize the asset using a 3D model
- Benefits of digitizing the data include reduced site visits, better understanding of the asset
- Drones + software solutions are already being used across a number of decommissioning projects, onshore and offshore

Phil Buchan
Commercial Director
Cyberhawk

11.45 Case Study: Decontamination, Dismantling and Demolition of a Carbon Black Production Facility in Portugal

- DDD methodology (Planning, Permit Management, Bidding process, DDD work and Final Reporting)
- Case Study DDD project
- Lessons learned
- Management of uncertainties and risks

Eduardo Ortega
Senior Manager
Ramboll

12.30 Lunch & Networking Break

13.30 BREF – Europe's Coal-Fired Power Plants: Short-term Pain, Long-term Gain?

- Where does the industry stand now?
- How prepared are the utilities and governments for the new standards?
- Implications for utilities, investors and policymakers

Paolo Coghe
International Economist and Co-Author
of IEEFA* Reports
*IEEFA: Institute for Energy Economics & Financial Analysis

14.15 The Technical and Detailed Aspects of Explosive Demolition Events

- Brown and Mason Ltd: 50 years' experience
- Rugeley Site History
- Pre-Event Public interaction
- Rugeley Event FGD Ducting Pre-Planning – Technical
- Explosive Material & Technique
- Event Health and Safety
- Blow Down Event
- Post Blow Down

Terry Irving
Head of Business Development and Marketing
Brown and Mason

14.45 Coffee & Networking Break

PANEL DISCUSSION:

15.15 Future Trends and Developments in the Demolition Industry

- Outlook for the upcoming years
- Supply meeting Demand: Shortage of contractors for upcoming D&D projects?
- Technological advancements disrupting the industry

Speakers of Day 2

16.00 Interactive Debrief Session

- Addressing the hot topics introduced by the audience
- Getting the questions answered
- Summarizing the takeaways

16.30 Closing Word from the Chairman & Close of Conference

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We create each and every one of our events with this theory in mind.

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