

PRE-CONFERENCE DAY – TUESDAY, 19 NOVEMBER 2019

10:00 – 13:00 **ALBA plant visit ***

16:00 – 18:00 **Workshops**

Workshop 1: Aluminium premiums – utilising independent reference prices (assessed by PRAs) and exchange-listed premiums contracts

- What pricing options are currently available? Fixed/Floating terms
- What price references are available?
- How PRAs assess aluminium premiums? Processes and methodologies
- IOSCO regulation on price benchmarks and references
- Hedging premiums – CME and LME contracts overview and potential benefits

Justin Yang, Senior Price Reporter, Fastmarkets

Yang Cao, Senior Analyst, Fastmarkets

Workshop 2: Molten metal safety

Historically no other hazard is responsible for more financial and human loss than molten metal explosions. Over the past decade close to \$500 million USD of financial losses can be attributed to molten metal explosions. While over 50 workers have been killed and countless others have been injured. This workshop will cover following the who, what, when, and where of molten safety. The goal is for attendees to leave the workshop with a good knowledge of this hazard to make their coworkers and company safer.

The workshop will be 120 minutes in length and will cover:

1. Root Causes of Explosions
2. Industry Research of Explosions
3. Notable historical explosions
4. Review of the Molten Metal Incident Reporting Program
5. Recent Explosions (root causes discussed)
6. Explosion prevention
7. Importance of maintenance

Alex Lowery, General Manager, Wisechem LLC

19:00 – 21:00 **Welcome reception**

**Plant visit is by special registration only. Spaces are limited.*

DAY 1 - WEDNESDAY, 20 NOVEMBER 2019

09:00 – 10:00 Registration and welcome coffee

10:00 – 11:00 **OPENING CEREMONY**

Quran

Opening Speech

Mohamed Al Naki, Chairman, ARABAL

ALBA Speech

Shaikh Daij bin Salman bin Daij Al Khalifa, Chairman, Alba

Video to highlight the Prime Minister's support to Alba

Award Ceremony

Official exhibition opening and ribbon cutting ceremony

11:00 – 12:00 **SESSION 1: ARAB SMELTER PANEL - IMPACT OF CURRENT ECONOMIC CHALLENGES ON THE ALUMINIUM INDUSTRY**

- Arab aluminium smelters' current position versus the world
- Influencers on the value chain
- View on current market forces
- Impacts of USA and Europe aluminium taxation

Moderator: Chris Bayliss, Deputy Secretary General, International Aluminium Institute

Ali Al-Baqali, Acting Chief Executive Officer, Alba

Eng. Mahmoud Salem, Chairman, Egyptalum

Dr. Ali Alzarouni, Executive Vice President, Midstream, Emirates Global Aluminium (EGA)

Ali Al-Qahtani, President, Ma'aden Aluminium

Eng. Said Al Masoudi, Chief Executive Officer, Sohar Aluminium



12:00 – 13:00 SESSION 2: PANEL DISCUSSION: OUTLOOK FOR THE GLOBAL ALUMINIUM INDUSTRY

- Industry trends, opportunities, challenges and future predictions
- The forces that will impact supply/demand from a global perspective
- Raw materials - bauxite and alumina price outlook
- Taxation challenges - Brexit, USA and global developments

*Moderator: Xinyue Zhang (Joyce), Associate Editor, Metals, S&P Global Platts
Paul Williams, Head of Analysis, Aluminium, Research Manager, CRU
Yang Cao, Senior Analyst, Fastmarkets
Peter Fimmimore, Chief Commercial Officer, South32*

13:00 – 14:00 Networking lunch

14:00 – 15:00 SESSION 3: PANEL DISCUSSION: WAREHOUSING AND PRICE TRENDS - TODAY AND TOMORROW

- Warehousing rules and updates
- Is regulation the key to increase LME prices?
- How indicative are LME prices for current and future performance?

*Moderator: Justin Yang, Senior Price Reporter, Fastmarkets
Eoin Dinsmore, Research Manager, CRU
Hugo Brodie, LME CEO Office, LME
Edgardo Gelsomino, Research Director, Wood Mackenzie*

15:00 – 16:00 SESSION 4: BAHRAIN AFTER LINE 6 - GROWTH OF DOWNSTREAM AND ANTICIPATED CHALLENGES

- Impact of Line 6 on the downstream in the economy in terms of employment & customer development
- Trends and developments and the anticipated challenges
- The role of technology and innovation in securing success

*Moderator: Paul Williams, Head of Analysis, Aluminium, Research Manager, CRU
Khalid A. Latif, Chief Marketing Officer, Alba
Khalid A. Monem, Chief Executive Officer, Alupco
Rashid Al Zayani, Director and Board Member, Midal Cables*

16:00 – 17:00 SESSION 5: ENERGY EFFICIENCY AND ITS IMPACT ON ENERGY COSTS

- Arab power managers to share the issues (existing and potential) and how to deal with it



- Energy considerations and rising costs of power generation
- The current use and potential of renewable energy

Moderator: Dr. Abdul Rahman Al Khalidi, Chief Technology Officer, GE

Amin Sultan, Chief Power Officer, Alba

John Lammas, Chief Technology Officer & Vice President Engineering, GE

Viraj Tyagi, Regional SSB Business Development Manager EMEA, Rockwell Automation

17:00 – 17:15 Networking coffee break and close day 1

19:00 ARABAL gala dinner hosted by Alba

DAY 2, THURSDAY, 21 NOVEMBER 2018

08:30 – 09:00 Morning coffee

09:00 – 09:45 **SESSION 6: PANEL DISCUSSION: INVESTING IN UPSTREAM: OPPORTUNITIES AND RISKS**

- Bauxite availability and cost and its effect on the bottom line
- Insights on the changing landscape for raw materials in light of the recent developments in the Alumina supply chain
- Required steps to secure reliable upstream channels in the Arab region as a hub for aluminium production

Moderator: Eoin Dinsmore, Research Manager, CRU

Waleed Tamimi, Chief Administration & Supply Officer, Alba

Zaher Al Habtari, Senior Vice President, Refinery Operations, Emirates Global Aluminium (EGA)

Patrick Fordyce, Vice President Mine & Refinery, Ma'aden Aluminium

09:45 – 10:30 **SESSION 7: INNOVATION IN ALUMINIUM AND ADVANCED APPLICATIONS**

- Aluminium as a substitute for other materials and vice versa - % use of aluminium vs alternative materials
- Automotive – EU reduced emissions – laws and regulations and the need for lighter vehicles
- Aluminium alloys in aerospace and its role in producing next generation aircraft
- Towards a digital and real-time supply chain in the aluminium industry



*Moderator: Yang Cao, Senior Analyst, Fastmarkets
Bill Bihlman, President, Aerolytics LLC
Dr. Michael Clinch, Senior Consultant & Materials Development Group Leader, Innoval Technology
Aleksander Stensby, Managing Director, Klaveness Digital*

10:30 – 11:00 Networking coffee break

11:00 – 11:45 **SESSION 8: PANEL DISCUSSION: ENVIRONMENT, SUSTAINABILITY AND RECYCLING**

- Linking the current capabilities of the aluminium industry to sustainability targets
- Maintaining compliance to environmental requirements and legislation
- The role of R&D and advanced technologies in maintaining the bottom line and reducing waste, cost and overheads
- The future of the circular economy - Innovations in recycling

*Moderators: Michaelangelo Frank, Business Development Director, AJC Consult
Andrew Curnow, Managing Director, AJC Consult
Mohamed Khalil Saeed, Director of Safety, Alba
Alan Peel, Managing Director, Altek Group
Marieke van der Mijl, ASI Director of Impacts and Partnerships, Aluminium Stewardship Initiative
H.E. Dr. Mohammed Bin Daina, Chief Executive Officer, Supreme Council for Environment (SCE)*

11:45 – 12:30 **SESSION 9: SAFETY AS A DRIVER FOR GROWTH AND SUCCESS**

- The best practices/approaches to incorporate industrial health and safety as an instrument for success
- Protecting individuals and tapping into the discretionary energy from teams towards securing more growth and success

*Moderator: Nawaf AlJishi, Chairman, Excellence Business Group International
Dr. Abdulla Habib, Chief Operations Officer, Alba
Harith Abdullah Al Sharif, Manager EHS, EHS – Refinery, Ma'aden Aluminium
Agnello Borim, Chief Operating Officer, Sohar Aluminium
Alex Lowery, General Manager, Wisechem LLC*

12:30 – 13:00 Close of conference, summary and thanks

13:00 – 14:00 Networking lunch

15:30 **ALBA plant visit ***



Hosted by



19 - 21 November 2019, Gulf Hotel & Convention Centre, Kingdom of Bahrain

Shaping the **future** of Aluminium in the Arab Region

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**BME
EVENTS**