



AZ China Virtual Conference

BEYOND THE HORIZON

16 - 18 NOVEMBER 2021

AZ China is the leading consultancy firm in China about the Aluminium industry. Rated as one of the best aluminium conferences worldwide and the best platform connecting the world with China aluminium industry.

Our conference attracts people from all over the world to discuss aluminium in China which constitutes 60% of the world's aluminium production and the future of the industry globally.

SESSIONS DETAILS

LENGTH
10 MINUTES

KEYNOTE SPEECH

Our theme is "Beyond the Horizon". We will take you past the "noise" of near-term price fluctuations to look at the longer-term trends and outcomes of a brave new world. The same applies to this conference. We are taking virtual conferences to new horizons, where you will have a near to real life experience attending and smart networking opportunities to make your participation rewarding, profitable and fun.

Keynote Speaker: Paul Adkins, Founder and Managing Director AZ China Ltd.

Speech is in English. Chinese (Mandarin) translation will be provided.

LIVE SESSION

REPLAYED

THE FUTURE SESSION "THE YEAR IS 2030..."

Topic: In many ways, it seems we are on the cusp of an amazing new world. There are all sorts of developments happening, from flying cars to 3D printed human organs, to Artificial Intelligence machines replacing us, to the Internet of Things. What is the world going to look like in 2030? What are our lives going to be like? What do these future developments mean for aluminium? Transportation? Technology and Telecommunications? Tourism and Relaxation? Packaging and Food? Construction? World Health and Economics?



SPEECH
20 MINUTES

Keynote Speaker: Matthew **Griffin**, Futurist, Founder and CEO of the World Futures Forum and the 311 Institute, a global Futures and Deep Futures consultancy working between the dates of 2020 to 2070, and is an award winning futurist, and author of “Codex of the Future” series.

Speech is in English. Chinese (Mandarin) translation will be provided.

Panel Discussion:

Our expert panel will decipher the predictions for the year 2030 into the trends and challenges for the aluminium industry. What does the industry have to do in terms of developing new alloys

The IAI predicts that we require 150M tons of aluminium by the year 2050 - whether you agree or not, it is going to take massive amounts of investment, development of new alloys and the invention of technologies that we haven't dreamt of yet.

Moderator: Miles **Prosser**, Secretary General, International Aluminium Institute

Panellists:

- Catherine **Athènes**, Vice President Group Sustainability and Public Affairs Europe, Constellium
- Dr. Mark **Cooksey**, CEO, ALCORE Limited
- Matthew **Griffin**, Futurist, Founder and CEO of the World Futures Forum and the 311 Institute
- Julian **Kettle**, Senior Vice President, Vice Chair Metals and Mining, Wood Mackenzie
- Bibhu **Mishra**, President & Head Manufacturing Center of Excellence at Hindalco Industries Limited at Aditya Birla Group

Discussion will be in English. Chinese (Mandarin) translation will be provided.

Q&A:

Questions can be voiced 24 hours prior to the broadcast of the live session. Delegates can also send their questions throughout the duration of the session. The moderator will be receiving the questions and including the relevant ones in the panel discussion. The audience can choose whether they require to remain anonymous or if they allow for their name to be mentioned.

LIVE SESSION

REPLAYED

REPLAYED

REPLAYED

REPLAYED

REPLAYED

Tuesday 16
9:30 AM to 11:00 AM
UTC

Tuesday 16
11:30 AM to 1:00 PM
UTC

Tuesday 16
3:30 PM to 5:00 PM
UTC

Tuesday 16
7:30 PM to 9:00 PM
UTC

Wednesday 17
11:30 PM to 1:00 AM
UTC

Wednesday 17
4:00 AM to 5:30 AM
UTC

GREEN ALUMINIUM SESSION: GREEN ALUMINIUM IN CHINA AND THE WORLD

Topic: AZ China's recent White Paper on Green Aluminium raises serious questions about the industry's ability to truly go green, outside China as well as inside.

SPEECH
25 MINUTES

SPEECH
25 MINUTES

PANEL DISCUSSION
60 MINUTES

For as long as a smelter uses fossil fuel sources for its electricity, every other improvement it can make, adds very little to its credentials. Is the end user aware that there is little that the industry can do to eliminate carbon emissions from its existing structure?

The industry needs to outpace the rapidly approaching forces of government intervention and the increasing demands for sustainable metal. Can the industry win this race, inside and outside China?

- China's 2030 Emissions targets and the challenges for its aluminium industry.
- The role of the ASI in determining the definition of green aluminium
- Government intervention versus market forces

Keynote Speaker: Julia **Attwood**, Head of Sustainable Materials, Bloomberg

Keynote Speaker: Andy **Home**, Senior Metals Columnist, Thomson Reuters

Speech is in English. Chinese (Mandarin) translation will be provided.

Panel Discussion:

- What can China do to improve and reduce carbon consumption?
- Is it enough, and if not, what happens next?
- What of the "whole of life" argument, that the many benefits of aluminium outweigh any emissions incurred along the way?
- Can you really "follow the molecule", and if not, what is it that truly meets the world's needs?

Moderator: Dr. Mark **Dorreen**, Consultant on Energy Efficiency, Flexibility and Decarbonisation Across Energy Intensive Heavy Industries

Panellists:

- Paul **Adkins**, Founder and Managing Director AZ China Ltd.
- Chris **Bayliss**, Director of Standards, Aluminium Stewardship Initiative
- Andy **Home**, Senior Metals Columnist, Thomson Reuters
- Julian **Kettle**, Senior Vice President, Vice Chair Metals and Mining, Wood Mackenzie
- Trey **McArver**, Partner, Trivium China
- Torbjorn **Sternsjo**, President Europe, Gränges AB

Discussion will be in English. Chinese (Mandarin) translation will be provided.

Q&A:

Questions can be voiced 24 hours prior to the broadcast of the live session. Delegates can also send their questions throughout the duration of the session. The moderator will be receiving the questions and including the relevant ones in the panel discussion. The audience can choose whether they require to remain anonymous or if they allow for their name to be mentioned.

LIVE SESSION

REPLAYED

REPLAYED

REPLAYED

REPLAYED

REPLAYED

Tuesday 16
7:30 AM to 9:30 AM
UTC

Tuesday 16
1:00 PM to 3:00 PM
UTC

Tuesday 16
5:00 PM to 7:00 PM
UTC

Tuesday 16
9:00 PM to 11:00 PM
UTC

Wednesday 17
1:00 AM to 3:00 AM
UTC

Wednesday 17
6:00 AM to 8:00 AM
UTC

LENGTH
30 MINUTES

45MT CAPACITY CAP: CAPACITY CAPS AND MEETING REAL DEMAND

Presentation: China has imposed a cap of 45 million tons on its domestic aluminium industry. As the market approaches this ceiling, how will China’s smelters respond? What are their options? Will the government relax the policy? Will China be forced to import more metal as demand outstrips supply?

- Will the industry be forced to locate new capacity in other countries?
- What is the outlook for demand and supply over the next 5 years?
- How will China meet demand growth while respecting the capacity cap?
- How will the increasing pressure on coal use and emissions affect investment decisions in the future.
- What are the options for new capacity? How will existing capacity respond to the challenges?

SPEECH
25 MINUTES

Keynote Speaker: Monte Zhang, General Manager of China Business Department of AZ China Ltd.

Moderator: Paul Adkins, Founder and Managing Director AZ China Ltd.

Speech is in Chinese (Mandarin). English translation will be provided.

Q&A:

Questions can be voiced 24 hours prior to the broadcast of the live session. Delegates can also send their questions throughout the duration of the session. The moderator will be receiving the questions and including the relevant ones in the panel discussion. The audience can choose whether they require to remain anonymous or if they allow for their name to be mentioned.

LIVE SESSION

REPLAYED

REPLAYED

REPLAYED

REPLAYED

REPLAYED

Tuesday 16
7:00 AM to 7:30 AM
UTC

Tuesday 16
11:00 AM to 11:30 AM
UTC

Tuesday 16
3:00 PM to 3:30 PM
UTC

Tuesday 16
7:00 PM to 7:30 PM
UTC

Tuesday 16
11:00 PM to 11:30 PM
UTC

Wednesday 17
5:30 AM to 6:00 AM
UTC

CARBON SESSION: WHERE'S THE CARBON COMING FROM?

Topic: China’s oil refineries are either switching to production processes that don’t produce petcoke, or using crude oils that make fuel grade petcoke.

SPEECH
18 MINUTES

PANEL DISCUSSION
35 MINUTES

With demand for anode coke set to rise in the near term, what are China's options and how will it make enough anodes to meet demand? What does that mean for the international market? Will China be forced to increase its imports of anode coke, and if so, why should calcined coke buyers bother buying from China?

Keynote Speaker: Clyde Russell, Asia Commodities and Energy Columnist,

Speech is in English. Chinese (Mandarin) translation will be provided.

Panel Discussion:

- Recent trends in supply of domestic anode coke
- Sinopec versus the independents.
- If China increases electric arc furnace steel output, is there enough electrode grade coke to meet demand? What can we learn from the steel industry?
- Long-term trends for anode coke supply. What is the outlook, and how can the market respond?
- Can China remain as a major sustained importer of anode coke?

Moderator: Scott McLean, Director, Commercial Sales and Pricing, BP

Panelists:

- Paul Adkins, Founder and Managing Director AZ China Ltd.
- Sanjay Agarwal, President & Chief Procurement Officer Hindalco at Hindalco Industries Limited
- Clyde Russell, Asia Commodities and Energy Columnist, Thomson Reuters
- June Wang, Director and Business Manager Carbon and Raw Materials, AZ China Ltd.

Discussion will be in English. Chinese (Mandarin) translation will be provided.

Q&A.

Questions can be voiced 24 hours prior to the broadcast of the live session. Delegates can also send their questions throughout the duration of the session. The speakers will be receiving the questions and including the relevant ones in the panel discussion. The audience can choose whether they require to

LIVE SESSION

REPLAYED

REPLAYED

REPLAYED

REPLAYED

REPLAYED

Wednesday 17
3:00 AM to 4:00 AM
UTC

Wednesday 17
8:00 AM to 9:00 AM
UTC

Wednesday 17
10:30 AM to 11:30 AM
UTC

Wednesday 17
3:00 PM to 4:00 PM
UTC

Wednesday 17
7:00 PM to 8:00 PM
UTC

Wednesday 17
11:00 PM to 12:00 AM
UTC

TECHNOLOGY SESSION: THE TECHNOLOGY QUESTION!

SPEECH
25 MINUTES

Topic: Technology is increasingly impacting the aluminium process. Is technology providing the answers that the aluminium industry needs? or is the industry being left behind by technology? The industry has everything from energy reduction and modulation solutions to the inert anode but are these enough or does the industry need new solutions on top of these?

Keynote speech: Professor Fengqin **Liu** , Professor and PhD program Leader at Beijing Science and Technology University

Speech is in English. Chinese (Mandarin) translation will be provided.

Panel Discussion:

- What are the interesting developments in Norway, Russia, Quebec, the Middle East and China?
- Is the Elysis inert anode the answer we have been waiting for?

Moderator: Les **Edwards**, Vice President Control and Technical Services, Rain Carbon Inc.

Panellists:

- Najeeba **Al Jabri**, Vice President, Technical, Emirates Global Aluminium (EGA)
- Dr. Pascal **Lavoie**, Director-Smelting Manufacturing Excellence, Alcoa
- Oliver **Martin**, Chief Technology Officer, Rio Tinto Aluminium
- Dr. Hans Erik **Vatne**, Senior Vice President, Chief Technology Officer, Norsk Hydro ASA

Discussion will be in English. Chinese (Mandarin) translation will be provided.

Q&A:

Questions can be voiced 24 hours prior to the broadcast of the live session. Delegates can also send their questions throughout the duration of the session. The moderator will be receiving the questions and including the relevant ones in the panel discussion. The audience can choose whether they require to remain anonymous or if they allow for their name to be mentioned.

LIVE SESSION

Wednesday 17
1:30 PM to 3:00 PM
UTC

REPLAYED

Wednesday 17
4:00 PM to 5:30 PM
UTC

REPLAYED

Wednesday 17
8:00 PM to 9:30 PM
UTC

REPLAYED

Thursday 18
12:00 AM to 1:30 AM
UTC

REPLAYED

Thursday 18
3:00 AM to 4:30 AM
UTC

REPLAYED

Thursday 18
6:30 AM to 8:00 AM
UTC

FORUM
90 MINUTES

CPC FORUM SESSION: THE CALCINED PETROLEUM COKE FORUM

Topic: At every AZ China conference since 2008, we have had the leaders of the calcined coke industry come together to discuss the market and industry trends. This year will be no different. CEOs and top level executives will join this panel discussion to shape the future of our industry.

- Views on green coke supply
- China's demand for coke
- Developments at oil refineries and their role in an "inert anode" world
- Global supply, demand, quality, and pricing issues

Moderator: Paul Adkins, Founder and Managing Director AZ China Ltd.

Panellists:

CEOs and senior managers from the world's key calcining companies will be taking part in an insightful conversation about the future of the industry.

Speech will be in Chinese (Mandarin). English translation will be provided.

LIVE SESSION

REPLAYED

REPLAYED

REPLAYED

REPLAYED

REPLAYED

Wednesday 17
12:00 PM to 1:30 PM
UTC

Wednesday 17
5:30 PM to 7:00 PM
UTC

Wednesday 17
9:30 PM to 11:00 PM
UTC

Thursday 18
1:30 AM to 3:00 AM
UTC

Thursday 18
4:30 AM to 6:00 AM
UTC

Thursday 18
11:00 AM to 12:30 PM
UTC

CHINA OUTBOUND SESSION: RISKS AND OPPORTUNITIES IN INVESTING IN FOREIGN COUNTRIES

Keynote Speech and Presentation: China has already established operational assets in foreign countries over many years. In the aluminium sector alone, China has been active in Guinea, Indonesia, Australia and in the Caribbean. Not to mention technology sales to countries such as Kazakhstan and into West Africa. But outbound investment is a difficult path, especially for Chinese companies. There are numerous hurdles to climb, including different labour laws, environmental laws, as well as cultural and language differences. Looking "Beyond the Horizon", where will future Chinese investment be? Will we see alumina refineries and smelters in Guinea? Will Indonesian electricity be harnessed for future Chinese plants? What about other places in West Africa, South East Asia and South and Central America?

Keynote Speaker: Paul Adkins, Founder and Managing Director AZ China Ltd.

Discussions will be in Chinese (Mandarin). English translation will be provided.

Panel Discussion: What can we learn from the past? Rio Tinto's purchase of Alcan, Alcoa's investment in Chalco, Chalco's investment in Simandou – some big errors and failures in the past should teach us something.

DISCUSSIONS
25 MINUTES

PANEL DISCUSSION

60 MINUTES

Moderator: Jerry Van Alphen, Chief Financial Officer, Sohar Aluminium LLC.

Panellists:

- Panthea **Geramishoar**, Chief Executive Officer, SBDT Guinea, HBR Member of Advisory Council
- Jim **Lennon**, Managing Director of Red Door Research Ltd.
- Scott **Phegan**, Managing Director and Founder of ByDesign Technology & Strategy
- Senior Rep from China involved in China Outbound Investments and Construction (Name will be disclosed soon)

Simultaneous Translation will be provided from Chinese (Mandarin) to English and English to Chinese (Mandarin).

Q&A

Questions can be voiced 24 hours prior to the broadcast of the live session. Delegates can also send their questions throughout the duration of the session. The moderator will be receiving the questions and including the relevant ones in the panel discussion. The audience can choose whether they require to remain anonymous or if they allow for their name to be mentioned.

LIVE SESSION

REPLAYED

REPLAYED

REPLAYED

REPLAYED

REPLAYED

Wednesday 17
9:00 AM to 10:30 AM
UTC

Thursday 18
12:30 PM to 2:00 PM
UTC

Thursday 18
3:30 PM to 5:00 PM
UTC

Thursday 18
9:30 PM to 11:00 PM
UTC

Friday 19
2:00 AM to 3:30 AM
UTC

Friday 19
8:30 AM to 10:00 AM
UTC

ALUMINA SESSION: THE FUTURE FOR ALUMINA FUTURES

Topic: Alumina pricing models inside and outside China need improvement. Within China, the pricing model has shifted down over time, leaving alumina producers with lower margins relative to the metal price. At the same time, the industry is torn between domestic bauxite or using imported material. Outside China, there are allegations that the API is being manipulated. Is it true, and what will happen?

The rise in sea freight rates this year has caught most people by surprise. But is it a blip – a reaction after the quiet months of 2020, or is it the start of a new long-term trend in high shipping costs?

Paper: Domestic China alumina industry - opportunities and challenges.

Presenter: Xavier **Gou**, Senior Analyst, AZ China Ltd.

Paper: The long-term outlook for dry bulk cargo shipping rates.

Presenter: Lasse **Kristoffersen**, President and Chief Executive Officer, Torvald Klaveness

LENGTH
12 MINUTES

LENGTH
12 MINUTES

LENGTH
60 MINUTES

Simultaneous Translation will be provided from Chinese (Mandarin) to English and English to Chinese (Mandarin).

Panel Discussion:

Moderator: Monte **Zhang**, General Manager of China Business Department of AZ China Ltd.

Panellists:

- Bob **Adam**, Chief Executive Officer, Mining Consulting
- Alice **Mason**, European Base Metals Editor, Fastmarkets
- Deeptaman **Mukherjee**, Director, Group Commercial Bauxite & Alumina, Vedanta
- Waleed **Tamimi**, Chief Supply Officer, Aluminium Bahrain (ALBA)
- Jiguang **Xing**, General Manager, International Trading, State Power Investment Cooperation (SPIC)

Simultaneous Translation will be provided from Chinese (Mandarin) to English and English to Chinese (Mandarin).

Q&A:

Questions can be voiced 24 hours prior to the broadcast of the live session. Delegates can also send their questions throughout the duration of the session. The moderator will be receiving the questions and including the relevant ones in the panel discussion. The audience can choose whether they require to remain anonymous or if they allow for their name to be mentioned.

LIVE SESSION

REPLAYED

REPLAYED

REPLAYED

REPLAYED

REPLAYED

Thursday 18
8:00 AM to 9:30 AM
UTC

Thursday 18
5:00 PM to 6:30 PM
UTC

Thursday 18
11:00 PM to Friday 19
12:30 AM UTC

Friday 19
3:30 AM to 5:00 AM
UTC

Friday 19
10:00 AM to 11:30 AM
UTC

Friday 19
1:00 PM to 2:30 PM
UTC

DOWNSTREAM AND RECYCLING SESSION: DOWNSTREAM AND RECYCLING AND INDUSTRY AND INDUSTRY 4.0

Topic: The downstream sector will be playing a much more important role in the future, as China transitions to a consumer-led economy. We will start by looking at the consumption sectors and where each of them is going. As part of this, it is important to identify where the weaknesses are, whether it is in over- or under-capacity, as well as the ability of the downstream sector to reduce emissions as well as make better use of secondary aluminium.

China MUST improve its use of secondary metal if it is to survive primary metal restrictions. What is the status of China's recycling and remelting capability? If China transitions to increased disposable aluminium, are the systems in place to capture the metal and bring it back into the metal stream? What is happening with China's regulations on the import of scrap? Is there any sign that China will move to a nationally-focused scrap recycling and re-use reality?

SPEECH
12 MINUTES

PANEL DISCUSSION
60 MINUTES

Keynote Speaker: Kiki Xi, Senior Analyst of AZ China Ltd., China Division

Speech in is Chinese (Mandarin). English translation will be provided.

Panel Discussion:

Moderator: Monte Zhang, General Manager of China Business Department of AZ China Ltd.

Panelists:

Panelists will include senior reps from Chinese and International Downstream Aluminium Industry along with Experts in Industry 4.0 and the Internet of Things.

- Catherine Athènes, Vice President Group Sustainability and Public Affairs Europe, Constellium
- Zeljko Rakic, Business Improvement and Strategy, Sohar Aluminium LLC

Simultaneous Translation will be provided from Chinese (Mandarin) to English and English to Chinese (Mandarin).

Q&A:

Questions can be voiced 24 hours prior to the broadcast of the live session. Delegates can also send their questions throughout the duration of the session. The moderator will be receiving the questions and including the relevant ones in the panel discussion. The audience can choose whether they require to remain anonymous or if they allow for their name to be mentioned.

LIVE SESSION

REPLAYED

REPLAYED

REPLAYED

REPLAYED

REPLAYED

Thursday 18
9:30 AM to 11:00 AM
UTC

Thursday 18
6:30 PM to 8:00 PM
UTC

Thursday 18
8:00 PM to 9:30 PM
UTC

Friday 19
12:30 AM to 2:00 AM
UTC

Friday 19
5:00 AM to 6:30 AM
UTC

Friday 19
11:30 AM to 1:00 PM
UTC

DISCLAIMER

The agenda will be updated regularly please check back for updates.
conference.az-china.com