16th International Bauxite & Alumina Seminar
Ritz Carlton Coconut Grove Miami
29 - 31 March 2010

“Still the best conference to meet all the important people in this industry”
Johannes Heckmann, Managing Director, Nabatec AG

With over 20 senior industry speakers and panellists confirmed, including:
- Jon Dudas, President - Aluminium CSG, BHP Billiton
- Timothy D. Reyes, President, Alcoa Minerals Management
- Simon Storesund, Senior Vice President, Hydro Aluminium
- Li Chong, President, Shenhua Aluminium Group
- Simon Wensley, GM Commercial Bauxite and Alumina, Rio Tinto Alcan
- Hilbert N. Shields, Chief Executive Officer, First Bauxite Corporation
- Nilson Souza, Vice President of Primary Products, Alcoa Latin America and the Caribbean

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BOOK EARLY...
to secure a place at the Ritz Carlton, Coconut Grove, reduced rates guaranteed but limited places!

For more information please visit www.metalbulletin.com/events/bauxite
From the 29th to the 31st of March 2010 Metal Bulletin Events and Industrial Minerals’ annual International Bauxite & Alumina Seminar will provide the forum for the industry’s key players to gain insight into all the latest developments in both the metallurgical and non-metallurgical sectors. The only event of its kind, regularly attracting close to 200 executives from around the globe – including mining companies, alumina refiners and users, as well as traders, financiers, shipping and technology companies.

Following a challenging year, where finding a response to the global financial crisis has been the key challenge, the seminar will examine how the industry has reacted, and in which direction the market is going.

A convenient business hub, the city of Miami will once again play host to the premier international gathering of the bauxite and alumina industry.

“Excellent and knowledgeable speakers and well presented information”

Forrest Peeples, Manager, Southern Ionics Inc

“Presentations were great”

Susanne Vinje, Market Analyst, Hydro Aluminium

Over 200 delegates expected

Topics include:

- Panel discussion on the pricing structure of alumina
- The development of a new non-metallurgical source for bauxite
- The outlook for primary aluminium
- China’s search for bauxite
- The market for non met alumina
- Trends in the shipping market
- On the ground analysis from a primary producer on the Chinese market for bauxite and alumina
- Projects in Brazil including the Juruti bauxite mine

Reasons to attend:

- Gain an insight into latest developments in both the metallurgical and non-metallurgical sectors
- Examine alternative supply sources in an increasingly tight bauxite market
- Gauge the strength of industry demand - what is the fall out from the current economic crisis?
- Join your colleagues and competitors at the only international commercial gathering of aluminium’s upstream segment
- Network with up to 300 key decision-makers in the bauxite-alumina supply chain
16th International Bauxite & Alumina Seminar

### Monday 29th March 2010

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>17.00</td>
<td>Registration desk opens</td>
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<tr>
<td>18.00</td>
<td>Welcome cocktail reception</td>
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### Tuesday 30th March 2010

<table>
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<tr>
<th>Time</th>
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<tr>
<td>8.00</td>
<td>Registration desk opens</td>
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<tr>
<td>9.00</td>
<td>Chairman’s opening remarks</td>
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<td>Raju Daswani, Managing Director, Metal Bulletin and Industrial Minerals</td>
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<tr>
<td>9.10</td>
<td>Session I: Keynote presentations; coming out of crisis - the industry responds</td>
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<td>The Pacific perspective; the shrinking pie, prices and the fight for market share</td>
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<td></td>
<td>• Industry resilience and innovation during a time of crisis, will the rebound be sustained?</td>
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<td>• The supply/demand relationship; are prices artificially high?</td>
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<td>• An outlook on primary production, will there be a conflict between supply and demand in the mid to long term range?</td>
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<td>Timothy D. Reyes, President, Alcoa Minerals</td>
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<td>Management</td>
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<td>The effect of the crisis on the market and a review of asset reduction and production slowdown</td>
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<td>• Mine and refinery shutdown, an analysis of impact and finding a way forward.</td>
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<td>• An outlook and response to market forces. Alumina supply and capacity, home and abroad.</td>
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<td>• Forecast of market direction, a look at the deciding factors of refinery construction.</td>
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<td>• The bottleneck in production capacity, a response to the challenges of the last year.</td>
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<td>Jon Dudas, President - Aluminium CSG, BHP Billiton</td>
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<tr>
<td>10.10</td>
<td>Refreshment break</td>
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<tr>
<td>11.00</td>
<td>Session II: Trends in primary aluminium</td>
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<td>The outlook for primary aluminium and implications for alumina demand and pricing</td>
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<td>• The supply and demand outlook for primary aluminium and trends in production costs.</td>
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<td>• Introduction to the debate on the pricing structure of alumina.</td>
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<td>Edgardo Gelsomino, Aluminium Research Manager, Metal Bulletin Research</td>
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<tr>
<td>11.30</td>
<td>Session III: Panel discussion – alumina pricing bases: is it time for change?</td>
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<td>• Alumina pricing structures and models – the status quo. Does the LME provide a hedge for alumina producers?</td>
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<td>• Why is alumina priced this way? What are the pros and the cons? What do people want?</td>
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<td>• Unfair and unstable? External (non-aluminium related) factors affecting alumina production costs.</td>
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<td>• Reform of the pricing structure - an unrealistic ideal? Can ceiling-floor arrangements meet the need of suppliers and buyers?</td>
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<td>• What will happen if the alumina price is uncoupled from aluminium?</td>
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Panellists include:
- **Simon Storesund**, Senior Vice President, Hydro Aluminium
- **Simon Wensley**, General Manager Commercial Bauxite and Alumina, Rio Tinto Alcan
- **Carlton Davis**, Consultant, Davis Tyndall Consultants, and Former Executive Chairman, Jamaica Bauxite Institute
- **Lawrie Henrickson**, Manager Bauxite and Alumina, Worley Parsons
- **Marcus Meurer**, Vice President Marketing – Alumina, BHP Billiton

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<tr>
<td>13.00</td>
<td>Lunch</td>
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<td>14.30</td>
<td>Session IV: Bauxite supply and the China question</td>
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<td>The outlook for Chinese international bauxite/alumina sourcing</td>
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<td>• The need to source outside of China.</td>
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<td>• Chinese bauxite and alumina demand, where is China looking? Asia, Australia, Africa and beyond.</td>
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<td>• What can we expect in the medium to long term?</td>
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<td>Martin Haller, Research Manager, Brook Hunt &amp; Associates</td>
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<td>Chinese alumina production methods, capacity and strategy</td>
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<td>• An analysis of Chinese alumina production methodology, caustic soda and soda ash.</td>
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<td>• The market outlook for Chinese alumina production, are there plans to expand capacity?</td>
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<td>Mary C. Blackburn, Director Market Planning Services, Chemical Market Associates Inc</td>
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<td>Primary aluminium in China – driving demand</td>
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<td>• How primary aluminium is driving China in the bauxite and alumina arena.</td>
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<td>• Transparency of production and price, a look at where the major Chinese players see the market.</td>
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<td>Li Chong, President, Shenhua Aluminium Group</td>
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<td>16.00</td>
<td>Refreshment break</td>
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### Session V: The non-metallurgical market

**Industry Keynote:** The market for non-met alumina

- With the market shrinking, what is the recovery scenario for the future, what is the non-met industry expecting?
- An analysis of the mid to long term trends that will influence prospects for the markets.

**Non-met grade bauxite, prospects for the industry**

- How will Chinese production and consumption define the market?
- An evaluation of consistency, quality and reliability. Are there alternative sources of Bauxite for refractory applications? A look at the likelihood of new suppliers of Bauxite coming onto the market.
- The issue of quality versus price. Are supplies sacrificing quality for price, what is the outlook.

**Ted Dickson**, Tak Ind Mineral Consultancy

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<tbody>
<tr>
<td>16.30</td>
<td>Session V: The non-metallurgical market</td>
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<td>17.30</td>
<td>Close of day one and networking drinks</td>
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### 09.00 Chairman’s introduction to day two

#### 09.10 Session VI: Regional analysis

India, how domestic economic growth underlies strength in the industry
- A review of mining and refining, the project pipeline.
- Challenges overcome and prospects for future development.

**Vinod Pandya**, Managing Director, Indian Mines and Minerals

A review of bauxite mining in Brazil
- With some of the world’s largest bauxite reserves, what can be gleaned from operations in Brazil.
- An overview of developments at the Juriti bauxite mine and the Alumar refinery expansion.

**Nilson Souza**, Vice President of Primary Products, Alcoa Latin America and the Caribbean

#### 10.40 Refreshment break

#### 11.15 Session VII: External factors affecting the market

Production and capital costs, where is there a market advantage?
- A review of the trends in alumina production costs in recent years.
- An assessment of the scale of new investment required.
- A discussion on the relative importance of key factors in the location of new projects, including, bauxite, other raw materials, infrastructure and transport.

**James King**, Economic advisor to the metals industry

The cost of energy and its effect on refining
- The effect of energy on the shape of the market.
- Competition of price, coal vs. gas, options for the industry.
- Will energy prices decide where the next refineries are built?

**Krish Chettur**, Managing Consultant – Gas and Power, Wood Mackenzie

How environmental regulation can affect the industry, a review of ways to reduce environmental impact whilst keeping profits high.
- The effect of carbon tax and other governmental regulations on the industry.
- Will the health and safety hazards of refining come under legislative scrutiny.
- Are there positive steps to take?

**Stephen Coackley**, Senior Consultant, HATCH Light Metals

#### 14.15 Session VIII: The market outlook for shipping and lessons from a double crisis

The freight industries response to crisis and how trends in the shipping market will shape the bauxite and alumina industry
- How have shipping prices stayed low?
- Factors that could push the price of shipping upwards
- How the market is affecting the operators.
- The future of the shipping market, will more boats affect the price of shipping?

**Sverre Bjorn Svenning**, Director, Fearnleys AS

#### 15.15 Refreshment break

#### 16.00 Session IX: Issues and innovations in the non-metallurgical sector

Bonasika Bauxite Mine, Guyana
- A new Canadian source in 2011 of high grade Guyana refractory calcined bauxite

**Mr Hilbert N. Shields**, Chief Executive Officer, First Bauxite Corporation

A new process for refractory grade bauxite production
- Increasing the quality within refractory grade bauxite production.
- Minimizing the energy consumption within the sintering process.
- Optimizing the product yield.

**Christoph Beyer**, Senior Manager, Polysius AG

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Venue:
A jewel of the Magic City, The Ritz-Carlton Coconut Grove has a charming, Italian villa-like ambience that takes its cue from nearby historic mansion, Villa Vizcaya. With abundant roses, soaring ceilings, commanding Venetian stucco columns, a grand fireplace, sleek marble floor and soaring glass wall with views onto a garden courtyard and waterfall fountain, it is a relaxing respite within one of Miami’s most noteworthy neighborhoods. Savor Italian cuisine in Bizcaya lounge, renowned for its Tuscan-influenced fare and the area’s only upscale live music venue every Thursday through Saturday, or be pampered in the city’s finest Boutique Spa. Beautifully renovated Miami boutique hotel rooms offer views of the lush neighbourhood or Biscayne Bay and are close to shopping, attractions, and Miami’s downtown financial district.

Address: 3300 Southwest Twenty-seventh Avenue, Coconut Grove, FL 33133 USA
Tel: (305) 644-4680

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Use this unique opportunity to:
• Generate new business – meet many international and local customers face-to-face
• Promote your products/services – raise your company’s profile
• Enhance your presence – stand out from the crowd

Sponsorship gets your brand in front of a senior audience. It associates your company with the ONLY bauxite and alumina event of its kind, right through our pre and post event marketing campaigns. We have an unparalleled international reach and attract large audiences of high level executives, this is a unique chance to raise your company’s profile, stay ahead of the competition and to be seen as a leading player in the industry with maximum exposure both prior to and at the event.

There are also opportunities for exhibition stands in the refreshment area alongside the conference. This gives you the platform to meet face to face with key industry figures and discuss the products and services your company has to offer. Stands are located in a prominent position visible to every attendee.

What’s available?
• Welcome Reception Sponsor – Hosting an evening reception during the conference is the perfect way to entertain potential clients and leave them with a night to remember courtesy of your organisation.
• Lunch sponsor – This is an excellent way to interact with existing and potential clients as they relax on a social, non-business level.
• Delegate bag sponsor – Your logo will be displayed prominently on the conference bag which is distributed to all delegates and speakers, with an option to insert your company brochure.
• Exhibition Space – Your chance to present your products/services & meet your potential customers.

For sponsorship & exhibition opportunities, please contact: Charlie Shelley-Smith on: + 44 (0) 20 7779 8106 or email: cshelleysmith@metalbulletin.com
☐ Yes! Please register me for the 16th International Bauxite & Alumina Seminar
☐ I am interested in sponsoring or exhibiting at this event

DELEGATE DETAILS
To register additional delegates please photocopy this form

☐

If your details above are incorrect please amend them here

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(Mr/Miss/Mrs/Dr) ____________________________

Family Name: ______________________________

First/Given Name: __________________________

*Delegate Email: ____________________________

*Administrator Email: ________________________

Position in Company: ________________________

Company Name: ____________________________

Address: __________________________________

__________________________________________

Postal/Zip Code: ____________________________

Country: ________________________

Tel: ____________________________

Fax: ____________________________

Please indicate your minerals interest in order of preference:

1 __________________ 2 __________________ 3 __________________

What is your company’s main business activity:

__________________________________________

*Delegates must provide their email address in order to receive booking confirmation and access to the delegate messenger system.

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Before 12th February 2010 $1,899
Thereafter $2,099

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PLEASE SIGN THE FORM IN ORDER FOR REGISTRATION TO BE PROCESSED

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IMPORTANT: Please make sure you quote your full invoice number, details can be found on your invoice.

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Online: www.metalbulletin.com/bauxite

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Registrations can only be confirmed upon receipt of payment or proof of payment and discounted fees will only apply when payment is received within the offer period. If you are not able to attend, a substitute delegate will be accepted. Cancellations must be received in writing 28 days prior to the conference to qualify for a full refund less US$135 administration fee. It may be necessary for reasons beyond the control of the organisers to alter the content, timing and venue. In the unlikely event of the conference being cancelled or curtailed due to any reason beyond the control of Metal Bulletin Ltd., or it is necessary or advisable to relocate or change the date and/or location of the event, neither Metal Bulletin Ltd., nor its employees will be held liable for refunds, damages and/or additional expenses which may be incurred by delegates. We therefore recommend prospective delegates to arrange appropriate insurance cover.