

Call for Papers

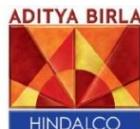
44th International Conference and Exhibition

ICSOBA 2026



15-20 November 2026

Bengaluru, Karnataka, India



Hosted by:

<https://icsoba.org/>

INVITATION

Dear Colleagues,

The International Committee for the Study of Bauxite, Alumina, and Aluminium (ICSOBA) is proud to announce the **44th International Conference and Exhibition**, which will be held from **15 to 20 November 2026** in **Bengaluru**, Karnataka state, India.

This will be the fourth ICSOBA event in India, and the very first time in Bengaluru.

We extend our sincere gratitude to Hindalco for their generous support as the Host Sponsor.

This year, the conference reverts to an in-person only event. There will be no online broadcast of the conference.

Featuring **3** keynote sessions and over **160** technical papers, the ICSOBA 2026 conference is designed as a four-day technical event organized in four parallel streams, followed by a full day of technical field trips. The Exhibition of the latest equipment and technology will be held along with technical sessions.

Do not miss this unique opportunity to engage with international experts, scientists, engineers, technology providers, equipment manufacturers, and key players from the global aluminium industry.

KEY DATES / DEADLINES

16 March 2026	● Abstract submission
30 March 2026	● Abstract acceptance
15 June 2026	● Full paper submission
1 September 2026	● Draft conference program published

CONFERENCE TOPICS

ICSOBA 2026 will place a strong emphasis on addressing the critical challenges facing the aluminium industry across the entire value chain, from bauxite mining to smelter casting operations.

The conference will focus on the key topics, including:

- Sustainability and decarbonisation
- Energy challenges
- Digitalisation and artificial intelligence applications
- Health, environment, and safety
- Specialty and high purity alumina
- Market scenarios and economic outlook
- Innovation and new technologies.

CONFERENCE FORMAT

The participants will enjoy the full experience of the traditional ICSOBA conference, including:

- Access to papers and presentations prior to the conference opening.
- Participation in keynote and technical sessions, exhibitions, field trips, and social events.
- The exclusive opportunity to present papers in person. While keeping with the main fields of bauxite-alumina-aluminium, the conference will focus on today's industry challenges, maintaining a high scientific and technical innovation nature focused on industrial application of scientific results in current practice.

CALL FOR PAPERS

The Organizing Committee is inviting the submission of abstracts and papers.

To facilitate the submission process, ConfTool has been specially customized for ICSOBA 2026:
<https://www.conftool.net/icsoba2026>.

Abstracts and papers should be written in the [ICSOBA 2026 Paper Template](#) as provided on ICSOBA website.

Please consult the [ICSOBA 2026 Author Guidelines](#) for detailed instructions on paper formatting.

Please use standard [ICSOBA 2026 Presentation Template](#) when making your presentation.

You can visit the [ICSOBA website](#) for template download and regular updates.

SPECIAL FOCUS ON PAPER QUALITY

To maintain the high standards of ICSOBA, we are targeting to have a more guiding process leading to the papers and presentations for the conference.

- To retain 4 parallel streams, the number of presentations over the 4 days will be limited. We encourage contribution on identification of industrial solutions to today key challenges of our industry such as sustainability, decarbonization, energy challenge, etc.
- Subject organizers will review abstracts within two weeks after the submission deadline and will inform the authors if their abstracts are accepted.

The paper and presentation review process will start immediately after their submission.

ICSOBA TECHNICAL COMMITTEE

Dagoberto Severo – Program Director

Serge Despinasse – Program Editor

Subject	Subject organizer
Keynote	Stephan Broek, Michel Reverdy
Bauxite & Alumina	Sébastien Fortin, Andrey Panov
Bauxite Residue	Thymis Balomenos
Aluminium Electrolysis	Vinko Potocnik Claude Ritter
Carbon	Francesco C. Baccalà
Casthouse Operations	Serge Risser

CONFERENCE LANGUAGE

The conference language will be English. All papers and presentations will be in English and will be published and made available for download in PDF format on the ICSOBA website. Additionally, the papers will be indexed on platforms such as Google Scholar and ResearchGate, complete with DOI references.

EXHIBITION

The latest technologies, equipment, and devices for the aluminium industry will be showcased during the conference.

Exhibitors will have the opportunity to upload brochures and videos to the conference application facilitating seamless interaction with participants.

For more information about the exhibition, please contact Dr. Bijoy Satpathy at bijoy.satpathy@icsoba.org.

TECHNICAL FIELD TRIPS

During the conference, technical field trips will be hosted by two subsidiaries of **Hindalco**:

- **Belagavi Alumina refinery**, located in Karnataka (western India), which started operations in 1969 and comprises a large-scale refinery and an advanced alumina research centre. Thereafter, the refinery progressively transitioned from metallurgical grade alumina to non-metallurgical applications, completing its evolution into a 100% Specialty Alumina refinery after 2010. Hindalco's Belagavi is the only Specialty Alumina refinery of this scale in India with annual production of 340 kt. The site is recognized among the lowest carbon alumina refineries globally, on the back of biomass and 100% renewable power. The refinery also has other stellar sustainability credentials, including zero liquid discharge and full utilization of bauxite residue.



- **Aditya Aluminium Smelter**. Commissioned in 2014, Aditya Aluminium is a smelter-power plant complex located in Lapanga, Sambalpur, Odisha. It manufactures the highest quality of aluminium (P0202) in the Indian subcontinent and operates at 374 kt more than its rated capacity of 360 kt of aluminium per year. Through in-house initiatives

TECHNICAL FIELD TRIPS (2)

in lining and collector bar design, the plant has achieved DC energy consumption less than 13.2 kWh/kg Al. The smelter is powered by its own 900 MW coal-based thermal captive power plant. This modern, state-of-the-art smelter is based on Rio-Tinto Aluminium AP 36 technology. The smelter consists of a potline with 360 electrolytic cells, a casthouse and an anode plant. It also has a 30 MW solar power plant.



FOR STUDENTS

This year, ICSOBA is once again encouraging student participation in the conference through the ICSOBA Student Award. Students are invited to submit their applications along with their abstracts. The ICSOBA Student Award Committee will evaluate the submissions and notify the winners of the award, which typically ranges from 500 to 1000 USD. [The Application Form is available on the ICSOBA website.](#)

VENUE OF THE CONFERENCE

The conference venue in Bengaluru will be announced at a later stage.

ABOUT BENGALURU

Bengaluru, previously **Bangalore**, is the capital of the Indian southern state of Karnataka and India's leading high-tech hub, recognised as the "Silicon Valley of India." With a population of over 8.4 million, it is a bustling, cosmopolitan metropolis.



Known for its pleasant climate, its green parks like Cubbon Park, and its vibrant startup and educational ecosystem, the city combines modern innovation with historic landmarks such as Vidhana Soudha. It is often called the "Garden City" due to its wide streets, public parks, and large green spaces.



ABOUT THE HOST SPONSOR



Hindalco: An industry leader in aluminium and copper, Hindalco Industries Limited is the metals flagship company of the Aditya Birla Group. Through its subsidiary Novelis, Hindalco is the global leader in flat rolled products and the world's largest recycler of aluminium.

With operations across 10 countries and 48 manufacturing locations, Hindalco is a fully integrated player from mining to finished products.

In India, Hindalco operates 5 captive power plants for a total of 3.2 GW, produces 1.35 Mt/y of primary aluminium in 4 smelters and 3.0 Mt/y of alumina in 4 refineries. In 2024, Hindalco announced expanding its upstream operations with expansions at the Aditya and Mahan aluminium smelters and a new alumina refinery.

In the Specialty Alumina space, Hindalco ranks among the global top three, offering a differentiated portfolio of high-margin, high-growth products. Together, these businesses span the entire value chain, delivering a suite of sustainable, high-performance solutions across industries.

Hindalco has been ranked the world's most sustainable aluminium company in the Dow Jones Sustainability Indices (DJSI) for six consecutive years – from 2020 to 2025.

See more at <https://www.Hindalco.com/>

ABOUT THE ORGANISER



ICSOBA

The Aluminium Industry Forum

The International Committee for Study of Bauxite, Alumina and Aluminium (ICSOBA) is an independent non-profit association that unites industry's individual and corporate members representing major bauxite, alumina and aluminium producing companies, technology suppliers, researchers and consultants from around the world. The main objective of ICSOBA is to promote the exchange of ideas and results of the work from different fields of research and current industrial practice from bauxite mine to primary aluminium.

Since 1963, ICSOBA annual technology conference is organized in different parts of the world and proceedings are published as TRAVAUX volumes.

The vision of ICSOBA to become the "Technology Conference of the Aluminium Industry, **for** the Aluminium Industry" has received support of over 65 major companies who are participating in the yearly ICSOBA Corporate Member Council to voice their view and influence ICSOBA strategy.

As a company active in the aluminium industry, you are most welcome to join the Council <https://icsoba.org/corporate/>

Starting 2026, industry professionals also have an opportunity to become individual members of the association <https://icsoba.org/individual/>

ICSOBA 2026 CORPORATE MEMBERS

 <small>Aluminium for the world</small>	 Alcoa	 aluar <small>aluminio argentino</small>	 Aluminium Dunkerque
 AMBER BAUXITE & ALUMINA	 ANORTECH	 ARCHIMEDES ENGINEERS	 BECHTEL
 SIC <small>世维通光智能</small>	 CAETE	 cba	 CBG <small>CBG INDIA LTD</small>
 Century ALUMINUM	 China Hongqiao Group Limited <small>中顾宏桥集团有限公司</small>	 DADCO	 cte
 EGA <small>EMIRATES GLOBAL ALUMINUM</small>	 ENPOT <small>Aluminium's flexible future</small>	 EPIQ <small>MACHINERIE / MACHINERY</small>	 ERG
 fives	 GAMI	 GAUDFRIN	 GEA
 GPS <small>Global Solutions</small>	 HAMILTON <small>RESEARCH</small>	 HATCH	 Heraeus <small>Electro-Nite</small>
 ADITYA BIRLA HINDALCO	 Hydro	 iB2	 idoba
 IMPEC <small>- Improving process efficiency</small>	 Inalum	 innovatherm <small>Prof. Dr. Leisenberg GmbH + Co. KG</small>	 KAN-NOK
 KHOOSA PROFIL PVT LTD. <small>Solutions that keep you afloat.</small>	 Kimberlite <small>Value Proposition of Efficient Chemical Washing</small>	 MAADEN	 Metlen <small>Energy & Metals</small>
 NALCO	 NALCO Water <small>An Ecolab Company</small>	 Qatalum	 R&D <small>Carbon</small>
 RAIN <small>RAIN CARBON INC.</small>	 REI	 Ria <small>CAST HOUSE ENGINEERING</small>	 RioTinto
 RUSAL	 SAMI	 SCCR	 SEC CARBON
 SE FAR <small>■ ■ ■ ■ ■</small>	 HT <small>上海板换</small> <small>Shanghai Heat Transfer</small>	 skamol <small>by etex</small>	 simonsen [®]
 SINTEF	 SOHAR ALUMINUM	 STAS	 STORVIK
 SYENSQO	 TAHA	 TOKAI COBEX	 trimet
 UNI7	 vedanta <small>transforming elements</small>	 XIAN HUAN-TAI	Your company's logo can be there...

SPONSORSHIP

As you know, organizing a conference of this magnitude would not be possible without the generous support of our sponsors.

We are honoured to have **Hindalco** as the Host Sponsor for this year's conference. Together, ICSOBA and Hindalco warmly invite bauxite, alumina, and aluminium producers, as well as industry partners from India and around the world, to participate in **ICSOBA 2026** in Bengaluru and become conference sponsors.

ICSOBA, known as "The Technology Conference of the Aluminium Industry, **for** the Aluminium Industry," offers a unique opportunity for your company to enhance its visibility among primary aluminium decision-makers and key technologists.

Please consult the [Sponsors Fees and Benefits](#) document, which details the various sponsorship options, including on-site benefits and enhanced visibility through the ICSOBA conference application, used by every participant.

If you are interested in supporting ICSOBA's activities and showcasing your company at ICSOBA 2026, feel free to contact **Claude Vanvoren** at claude.vanvoren@icsoba.org for more information.

CONTACT US

For more information, please contact us at info@icsoba.org