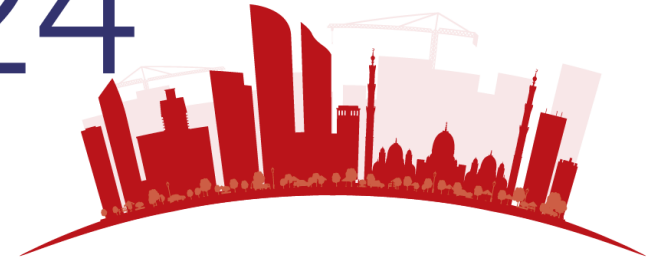


# SALT FORUM 2024

Intercontinental Hotel Abu Dhabi

18-20 November 2024

**SUMMARY SLIDE DECK**



**The new conference for global salt production and markets**



*Welcome Dinner Sponsor*

شركة سما لإنتاج الملح ذ.م.م  
Sama Salt Production Co. LLC



*Exhibitors*



**Salt Partners**  
Turning salt into gold

**TITAN SALT**

*Supporting Partners*

**eusalt**  
EUROPEAN SALT PRODUCERS ASSOCIATION

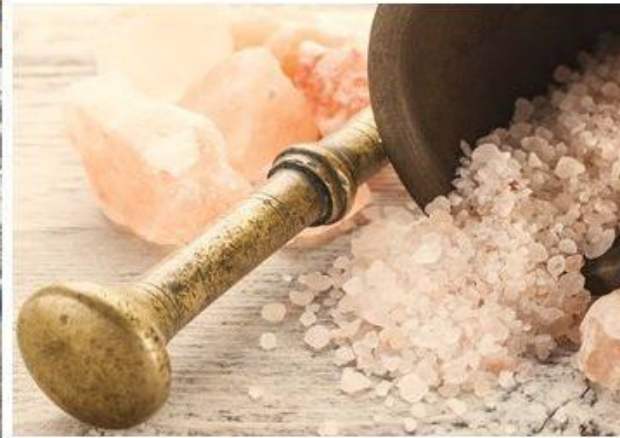
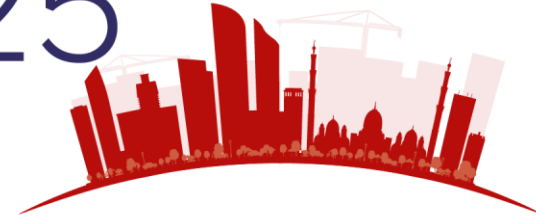


**Salt Market Information**

COMING UP IN 2025 (click on logo for details)

# SALT FORUM 2025

Intercontinental Hotel Abu Dhabi  
17-19 November 2025



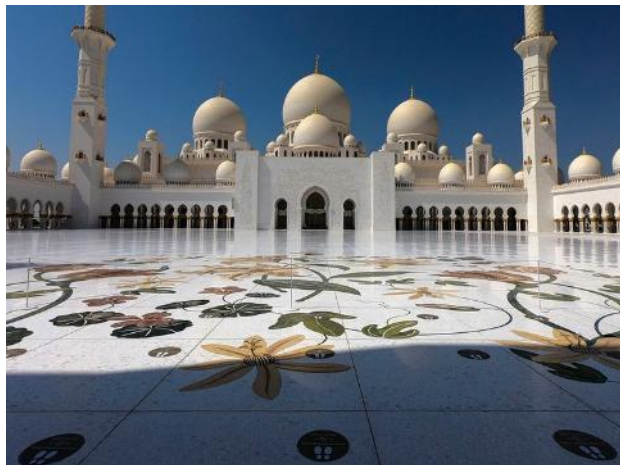
Production Trends | Logistics | Processing Developments | Market Demand

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# مرحباً - Welcome to Abu Dhabi!





Welcome Dinner sponsor

شركة سما لإنتاج الملح ذ.م.م  
Sama Salt Production Co. LLC





# SALT FORUM 2024

Intercontinental Hotel Abu Dhabi  
18-20 November 2024



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## EXHIBITORS



**Salt Partners**  
*Turning salt into gold*

**TITAN**  **SALT**

## SUPPORTING PARTNERS

**eusalt**  
EUROPEAN SALT PRODUCERS ASSOCIATION





ADNOC	HubSalt	Salt Market Information
Araltuz	Innofood	Salt Partners Ltd
Argus Media Ltd	KSPS Salt Shanmugar Salterns Pvt Ltd	Sanvaria Chemicals Limited
Al Ghaith Industries LLC.	K-Utech AG Salt Technologies	Saudi Salt SASA
Archean Group (AIF3)	Lublia Sea Salt Plants Ltd	Saudi Water Authority
Australian Saltworks	M.P. Theodorou Salt Industry & Co Ltd	SEASALT
B&S IMPX	M/S Lone And Company (smc) Ltd	Serra Process
Cheetham Salt	Magnesium Trade & Consultancy	Sheridan Mezzanine LLC
Chowgule & Co. (Salt) Pvt Ltd	Marine Salt Trading Cie (Salins Group)	Shiv Salt Works
Convenience Foods (Lanka) PLC	Maxisalt	Shriraam Engineering
CSIR-CSMCRI	Minerals Development Oman SAOC.	Shri Teja Mema Ahir Salt Works
Dev Salt Pvt Ltd	Neelkanth Group	Sojitz Corporation
Dhofar Energy Water Chemical	Titan Salt	Sosalt Sale Marino di Trapani
Dominion Salt	NEOM	Supertech Project & Systems
Duqm Salt	Olam Food Ingredients (ofi)	Syarikat Qingli Sdn Bhd
EcoMag	Project Blue	Tata Chemicals Ltd
Energy Eg Co	PT Cheetham Garam Indonesia	Texas Brine Company LLC
Eurosalt handelmaatschappij	PT Semesta Multi Rejeki.	Titan Salt
EUsalt	Qatar Petrochemical Co. (QAPCO)	Tunisel S.A.
Evatherm	Qatar Salt Products Co.	Unikey Solutions
GC Rieber Salt AS	Rankers International Pvt. Ltd.	United Salt Corporation
Grasim Industries Ltd	Rio Tinto (Dampier Salt)	Valjim & Exportadora de Sal SA de CV
Hamdani Traders	Salinas Calombolo Lda	Zoutman



***We were honoured to participate in Salt Forum 2024 in Abu Dhabi, an excellent platform for international networking and knowledge exchange in the salt supply chain industry. The event provided valuable insights from industry leaders on market trends and future advancements in the salt and allied minerals sector.***

Shriraam Engineering, India

***The team did a great job of organising the conference! Abu Dhabi was a great choice of locations.***

David Calco, United Salt Corp., USA

***Very interesting programme, and fantastic venue. Appreciate the longer breaks that helped networking.***

Michael Zlobin, Assoc. Director, EBRD, UK

***Mostly great presentations and great topics, and venue a great place and atmosphere.***

Arthur Tanudjaja, President, PT Cheetham Garam, Indonesia

***The Forum highlighted the critical role of salt in driving innovations across sectors like chemicals, water treatment, and de-icing, with APAC emerging as a key growth hub. Grateful to have been part of such a meaningful exchange. Events like these not only broaden perspectives but also inspire actionable ideas for the future.***

Jay Gorasia, Director, Sanvaria Chemicals Ltd, India

***Great conference. Mike and the team make networking very easy.***

Tony Crimmins, CEO, EcoMagnesium Ltd, Australia

***I would like to thank the entire organising team of IMFORMED for conducting such a wonderful conference and also for amazing hospitality during Salt Forum 2024.***

Dr Bhoomi Andharia, Snr. Scientist, Salt & Marine Chemicals Div., CSOR-CSMCRI, India

***Very good papers, excellent and convenient venue.***

Ismail Suttar, CEO, HubSalt, Pakistan

***Good programme, well organised and executed.***

Ozcan Celik, Sales Manager, Unikey Solutions, Turkey

***The programme was excellent from different aspects.***

Dr Ahmed Alamoudi, Director General for Desalination & Brine Mining, Netherlands

# Why are we here?

## SALT FORUM 2022

Grand Elysée Hotel, Hamburg, 15-17 November 2022

**The new conference for global salt supply and markets**

## SALT FORUM 2023

Strand Hotel Swakopmund, Namibia  
6-9 November 2023

**The new conference for global salt supply and markets**

## SALT FORUM 2024

Intercontinental Hotel Abu Dhabi  
18-20 November 2024

**The new conference for global salt production and markets**



# The world of salt supply & demand



- >300m tonnes produced worldwide
- 50m tonnes exported by >50 countries
- For most applications, no economic substitutes or alternatives.
- Deicing, certain chemical processes, food flavouring: calcium chloride, calcium magnesium acetate, hydrochloric acid, & potassium chloride can be substituted for salt, *but at higher cost.*

## Diversity of salt production

### Rock salt

Conventional  
mining



18%\*

### Sea/solar salt

Crystallisation  
of sea water



47%\*

### Evaporated salt

Recrystallization  
of purified brine



12%\*

### Brine

Controlled  
solution mining



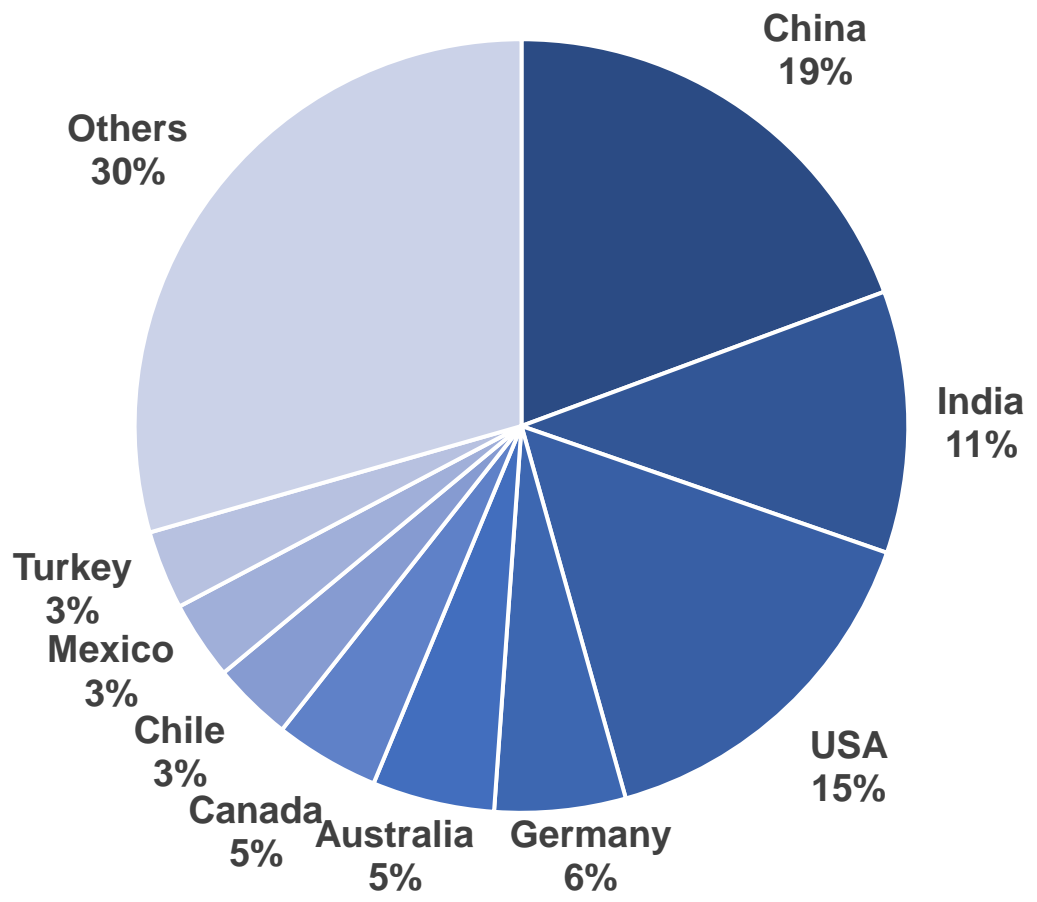
23%\*

\* Salt Market Information 2023



# World salt production

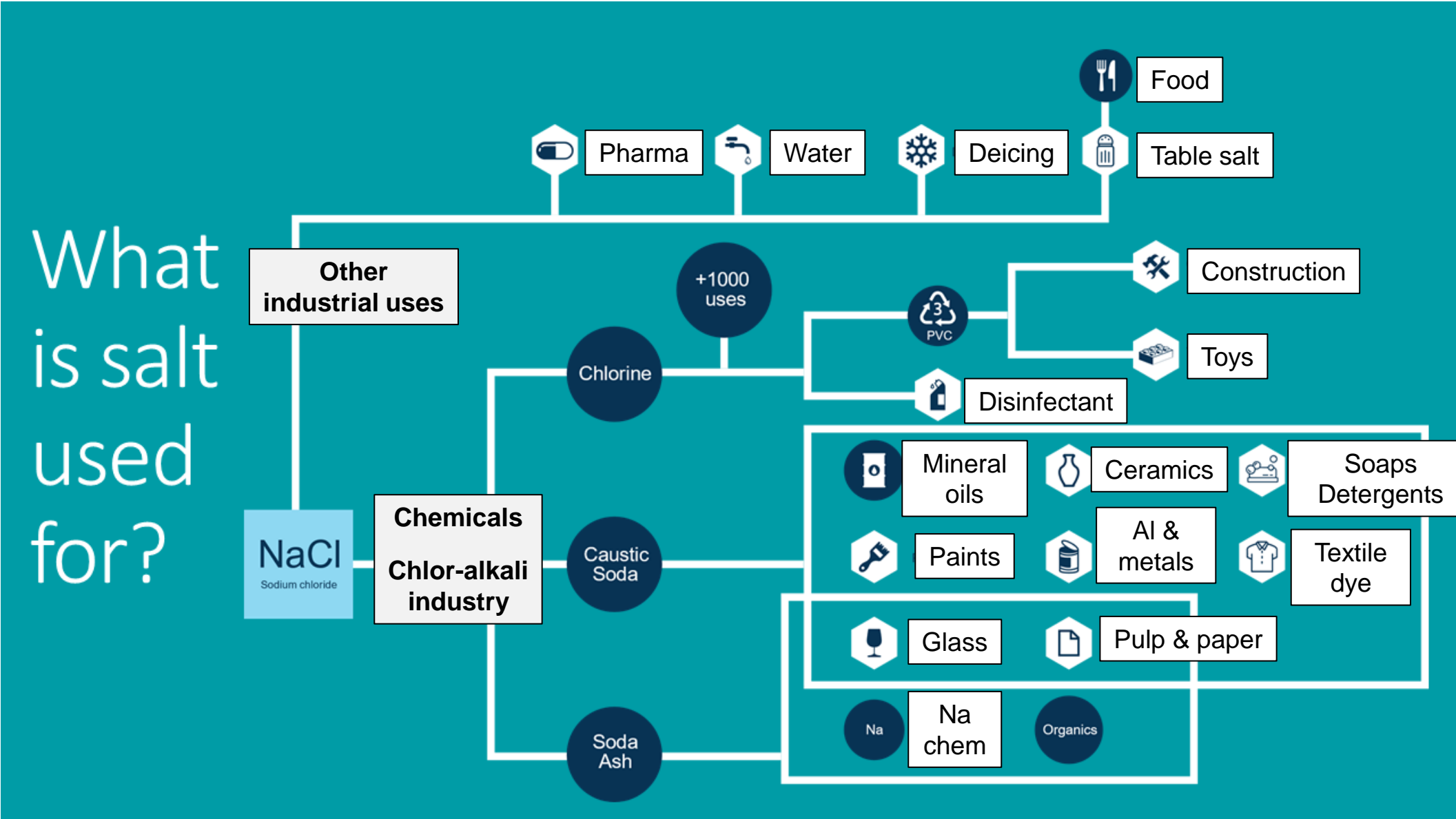
Estimates | 000s tonnes



Country	2023
China	53,000
India	30,000
USA	42,000
Germany	15,000
Australia	14,000
Canada	12,000
Chile	9,200
Mexico	9,000
Turkey	9,000
Russia	7,000
Brazil	6,600
Netherlands	6,000
France	5,600
Poland	4,200
Spain	4,000
Bulgaria	3,300
Pakistan	3,000
Iran	2,700
Saudi Arabia	2,500
Egypt	2,300
UK	2,300
Belarus	2,100
Italy	2,000
Other countries	27,000
<b>World total (rounded)</b>	<b>273,800</b>

Source: USGS 2024

# World salt market demand



Source: adapted from EUsalt



# PROGRAMME

## TUESDAY 19 NOVEMBER

08:00 **Registration**

### INTRODUCTION & OVERVIEW

09:00 **Welcome & Introduction**

Mike O'Driscoll, Director, INFORMED, UK

09:30 **Salt global supply overview & Asian chlor-alkali market**

Dr Stefan Schlag, Managing Director, Salt Market Information, Switzerland

### 10:00 COFFEE

### REGIONAL 1: PAKISTAN | BANGLADESH | KAZAKHSTAN

11:00 **Status & outlook for Pakistan salt supply, markets & future prospects**

Ismail Suttar, Chief Executive Officer, HubSalt, Pakistan

11:30 **Vacuum salt production in Bangladesh: Fourth generation technology**

Eörs Kondorosy, Managing Director, Evatherm AG, Switzerland

12:00 **Salt production developments in Kazakhstan**

Ioanna Ponomarenko, President, Araltuz JSC, Kazakhstan & Mikhail Zlobin, Assoc. Director, EBRD, UK

### 12:30 LUNCH

## PROGRAMME

### TUESDAY 19 NOVEMBER

#### REGIONAL 2: EUROPE

- 14:00 **The Salt of Diplomacy: EUsalt's collaborative approach to industry advancement in the EU's changing environment**  
Dr Urs Ch. Hofmeier, President, EUsalt & CEO, Schweizer Salinen AG, Switzerland
- 14:30 **SEASALT Europe: Challenges & opportunities of a unique industry**  
Gonzalo Diaz Caicoya, President, SEASALT Europe & General Manager, Bras del Port, Spain

#### 15:00 COFFEE



# PROGRAMME

## TUESDAY 19 NOVEMBER

### SOLAR SALT DEVELOPMENTS

- 15:30 **Solar salt works & technology developments on increasing salt yield & quality with sustainability**  
Dr Bhoomi Andharia, Principal Scientist, Salt and Marine Chemicals Division, CSIR-CSMCRI, India
- 16:00 **Advancements in solar salt industry: a comprehensive exploration of automation for enhanced efficiency and sustainability**  
Param H Dave, Manager, Tata Chemicals Ltd, India
- 16:30 **Don't waste an asset: Increasing solar salt value**  
Tony Crimmins, CEO, EcoMag, Australia
- 17:00 **The California Supreme Salt project**  
Vladimir Sedivy, President, Salt Partners Ltd, Switzerland

**17:30 CLOSE OF DAY 1 & NETWORKING DRINKS RECEPTION  
IN THE BELGIAN CAFE**



# PROGRAMME

## WEDNESDAY 20 NOVEMBER

### MARKETS: CHLOR-ALKALI | SODIUM-ION BATTERIES

- 09:00 **The role of salt in the chlor-alkali industry & its outlook**  
Stephanie König, Head of European Chlor-Alkali, Argus Media Ltd, UK
- 09:30 **Could sodium-ion batteries upset future salt supply/demand balances?**  
Sean Hoffman, Critical Minerals Research Analyst, Project Blue, South Africa

### 10:00 COFFEE

### PROCESSING DEVELOPMENTS

- 11:00 **Innovation approach to salt plant optimisation**  
Robert van Voorst, Managing Director, Titan Salt, Netherlands
- 11:30 **Crystallizer pilot study to produce high-purity salt from monovalent-ion dominant concentrated desalination brine**  
Dr Seungwon Ihm, Senior Expert, Saudi Water Authority, Saudi Arabia
- 12:00 **The use of bittern after salt crystallisation for production of by-products**  
Dr Stephan Kaps, Senior Engineer, K-UTEC AG Salt Technologies, Germany

### 12:30 LUNCH & CLOSE OF CONFERENCE

# IMFORMED

Industrial Mineral Forums & Research

## Chairpersons



**Mike O'Driscoll**  
*Director, IMFORMED*



**Alison Saxby**  
*Research Director, Project Blue*

## Staff present to assist



**Maria Bernard**  
*Sales Manager, IMFORMED*



**Rosie Kemp**  
*Event Assistant, IMFORMED*



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Networking and knowledge for the industrial minerals business



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*Sponsorship/Exhibit/Registration Enquiries*

**Maria Bernard** [maria@imformed.com](mailto:maria@imformed.com) | T: +44 (0) 208 153 0035

*Programme/Speaker Enquiries*

**Mike O'Driscoll** [mike@imformed.com](mailto:mike@imformed.com) | T: +44 (0)7985 986 255



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SERVING THE  
INDUSTRIAL MINERALS  
BUSINESS FOR 10 YEARS  
2015-2025



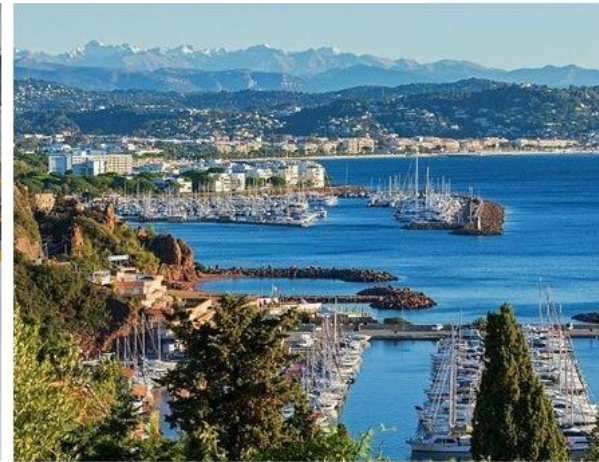
- Launched in January 2015
- Extensive experience & reputation
- Specialising in conferences & market research in:
  - Industrial Minerals Supply/Demand
  - Magnesia
  - Refractory Minerals
  - China
  - Mineral Recycling
  - Fluorine
  - India
  - Oilfield Minerals
  - Salt

Upcoming Conferences in 2025 (click logo for details)

# MINERAL RECYCLING FORUM 2025

Pullman Cannes Mandelieu, 9-11 April 2025

Secondary raw material sources, supply, processing, and markets



Critical Minerals | Graphite | Fluorspar | Andalusite | Aluminas | Glass |  
Ceramics | Salts | Fillers | Refractories | Comminution | Sorting

Sponsors



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PROGRAMME | SPONSOR/EXHIBIT OPPORTUNITIES | EARLY BIRD RATES



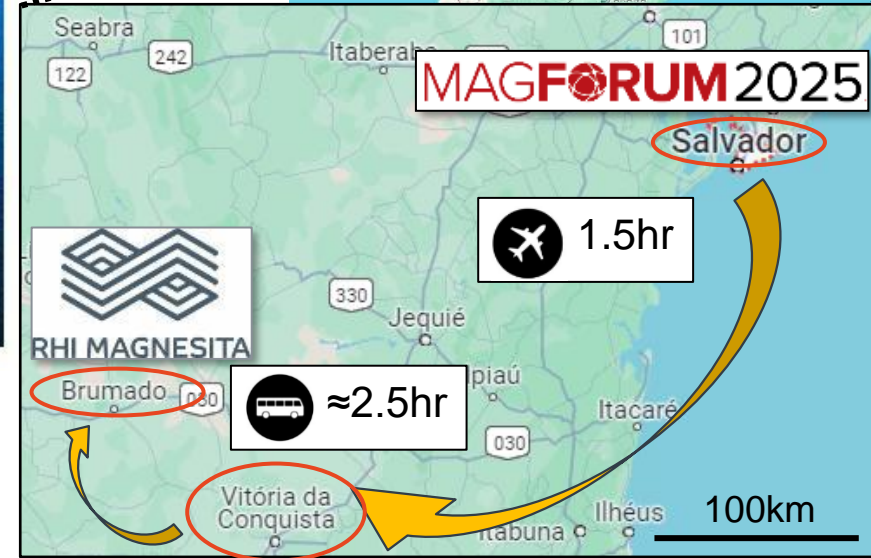
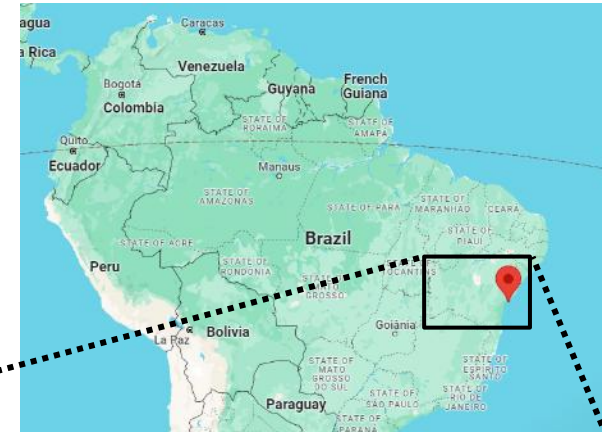
# MAGFORUM 2025

## Magnesium Minerals & Markets Conference

### Tivoli Ecoresort Praia do Forte Bahia Salvador, 19-21 May 2025

#### Field Trip to RHI Magnesita, Brumado, Thursday 22 May 2025

Field Trip to Brazil's  
"Heart of Magnesite Country"  
**RHIM, Brumado, Bahia State**



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# FLUORINE FORUM 2025

Grand Hotel Dino, Baveno,  
Lake Maggiore (Milan)  
22-24 October 2025

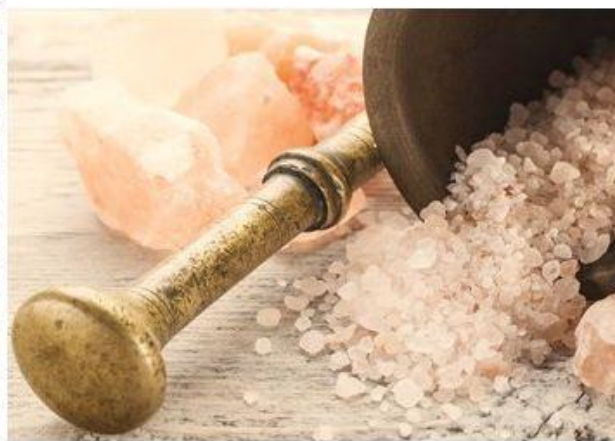


The premier meeting for the global fluorine minerals & markets business

COMING UP IN 2025 (click on logo for details)

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Intercontinental Hotel Abu Dhabi  
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Production Trends | Logistics | Processing Developments | Market Demand

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# MINERAL MARKET MATRIX

2nd Edition 2023

**AT A GLANCE A-Z GUIDE WHICH MINERALS FOR WHICH MARKETS**

- Leading industrial minerals
- Main raw material feedstock
- Key specified chemical component
- World production
- Main source countries
- Leading consuming markets

Let's go beyond!

MINERALS <sup>1</sup>	MARKETS <sup>2</sup>									
	Abrasives	Absorbents	Agrimarkets	Batteries	Cement	Ceramics	Chemicals	Construction	Cosmetics	De
ALUMINA*	●			○	●	●	●			○
ALUMINA FUSED**	●					●	●			
ANDALUSITE	○					●	●			
ANTIMONY TRIOXIDE*				●		●	●			
ASBESTOS					●			●		
ATTAPULGITE		●								
BADDELEYITE				○		●	●		○	
BARYTES (BARITE)				○		●	●			
BAUXITE	●				●	●	●			

\* Derivative \*\* Synthetic

**PICK UP YOUR COMPLIMENTARY COPY AT OUR STAND TODAY !!**



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# SALT **FORUM** 2024

Intercontinental Hotel Abu Dhabi  
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***Participate***  
***Learn***  
***Enjoy***