

SUMMARY SLIDE DECK

BARITE & OILFIELD MINERALS FORUM 2024

5-7 June 2024

The Royal Sonesta Hotel Houston Galleria



Supply & demand trends for barite & minerals in oilfield applications

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ANNOUNCING FOR 2025!

BARITE & OILFIELD MINERALS **FORUM** 2025

28-30 May 2025

Hilton Houston Post Oak



Supply & demand trends for barite & minerals in oilfield applications

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Welcome Reception Sponsor



BASTION INDUSTRIES
A MINERAL PROCESSING COMPANY



BARITE & OILFIELD MINERALS FORUM 2024

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20 Microns Ltd
Active Minerals International
ADI Analytics LLC
Ado Madencilik Elektrik Uretim
AES Drilling Fluids LLC
AG Minerals
Agri-Empressa LLC
Agrolats
Alghanim Mills
Archean Chemical Industries Ltd
Asbury Carbons
Baker Hughes
Baramin
Baribright Group
Basin Fluids
Baso4 LLC
Bastion Industries
CES Energy Solutions
Cimbar Resources Oil & Gas
Dipoinduca Miami

Fireside Minerals Ltd
GEO Drilling Fluids Inc
Geo Min Commodities Pte Ltd
Halliburton Energy Services Inc
Igneous SA de CV
Industrial Project Solutions Inc
Integrity Industries
Kandelium Group
M/G Transport Services LLC
MINAR
Newpark Fluids Systems
North Baryte
Omya International AG
Perfobar
Poitemill
Port of Corpus Christi
Prodexa
Rio Tinto
Rystad Energy

Sachtleben Minerals
Schlumberger
SCM
Sepiolsa (Minersa Group)
Sojitz Corporation of America
Solvay
Southwest Land & Minerals Corp
Spektrochem
ST Equipment & Technology LLC
Stellar Drilling Fluids LLC
Superior Weighting Products
Terra Nova Minerals
Texan Minerals & Chemicals
The Barytes Association
US Geological Survey
Valence Drilling Fluids
Viking Shipping
VP Trading Com.
ZAR Minerals LLC

Great event, my first time! I really enjoyed the speakers both days.

John Schwieger, Supply Chain Manager, Newpark Fluids Systems, USA

Great insight on oilfield minerals, especially barite, excellent organisation

Shachindra Mahawar, Managing Director, Alghanaem Industrial Co., Kuwait

Excellent programme and organisation, very good speakers and topics

Juan Luis Preto, President, Baramin, Mexico

Programme excellent and well planned, good roundtable networking.

Utku Ulger, Sales Manager, Ado Madencilik Elektrik Uretim, Turkey

Good programme, excellent roundtable networking, good informative session

Pravir Shah, Senior Manager, Baker Hughes, USA

Strong line-up, especially highlighting dynamics outside immediate oil and gas sector.

Alastair John, Category Manager WC Fluids, SLB, USA

Thank you for the opportunity to attend your wonderful conference. It was a pleasure and a new experience for me and the opportunity to gain new contacts from the barite industry in the US.

Dr Artur Palasz, Technical Director, Spektrochem, Poland

PROGRAMME

THURSDAY 6 JUNE

BARITE SUPPLY & MARKETS

08.00 Registration

OVERVIEWS | EMISSIONS

09:00 **Welcome & Introduction**

Ismene Clarke, Director, & Mike O'Driscoll, Director, INFORMED, UK

09:30 **Barite market global overview**

John Newcaster, Barytes Markets Advisor, The Barytes Association, USA

10:00 **Emissions calculations in barite supply: from mining to oil & gas operations**

Alastair John, Category Manager-WC Fluids Bulk Chemicals, SLB, USA

10:30 COFFEE

PROGRAMME

THURSDAY 6 JUNE

BARITE SUPPLY & MARKETS

AFRICA | INDIA | PAKISTAN

11:30 **Bastion & barite: the future of drilling passes through Africa**
Roberto Giammarco, Business Development Manager, Bastion Industries, Morocco

VIDEO

12:00 **Unlocking India's potential – Barite & Beyond: a deep dive into oilfield minerals & more**
Sunil Mistry, Associate VP, 20 Microns Ltd, India

WITHDRAWN

12:30 **Barite sourced from Pakistan**
Tahir Malik, CEO, Eshal Industries, UAE

13:00 LUNCH

PROGRAMME

THURSDAY 6 JUNE

BARITE SUPPLY & MARKETS

INDUSTRIAL MARKETS | BARYTES ASSOCIATION

- 14:30 **Industrial barite markets**
Moritz Ostenrieder, Managing Director, Sachtleben Minerals,
Germany
- 15:00 **Barite in paints & coatings: benefits & challenges of using barite
as a functional filler**
Dr Artur Palasz, Spektrochem, Technical Director, Center of Raw
Materials for Architectural Paints, Poland
- 15:30 **The Barytes Association: role & membership**
Santiago Carassale, Category Manager Halliburton, USA



PROGRAMME



THURSDAY 6 JUNE

16:00 **COFFEE & ROUNDTABLE NETWORKING SESSION**
Informal networking & discussion at hosted & themed roundtables
Barite Supply | Oilfield Minerals | Logistics | Industrial Markets

THEME	ROUNDTABLE HOST
Barite Supply	John Newcaster, Barytes Markets Advisor, The Barytes Association
Logistics	Viking Shipping
Oilfield Market & Other Minerals	Alastair John, Category Manager-WC Fluids Bulk Chemicals, SLB
Industrial Markets	Moritz Ostenrieder, Managing Director, Sachtleben Minerals

17:00 **CLOSE OF DAY 1: NETWORKING DRINKS RECEPTION**



PROGRAMME

FRIDAY 7 JUNE
OILFIELD MINERALS SUPPLY & MARKETS

OILFIELD | ENERGY TRANSITION | BORATES

- 09:00 **Oil & gas supply demand outlook**
Panuswee Dwivedi, Project Manager, ADI Analytics LLC, USA
- 09:30 **The energy transition: a reality check & impact on oilfield market**
Maria Lopes, Senior Analyst, ADI Analytics LLC, USA
- 10:00 **Borates market & their application in oil & gas drilling**
Dr Maryam Moravej, Manager, Technical Marketing Metals & Minerals, Rio Tinto, USA

10:30 COFFEE

LOGISTICS | SEPIOLITE | FRAC SAND

- 11:30 **Navigating troubled waters: shipping market review**
Stewart Perrin, Managing Director, Viking Shipping Company (Hong Kong) Ltd, China
- 12:00 **Sepiolite & attapulgite clays in offshore drilling fluids: A technical review & logistics advantage of Spain as supplier**
David Giner, Rheoplus Product Manager, Sepiolsa (Minersa Group), Spain
- 12:30 **US L48: Frac sand supply, demand & pricing forecasts**
Thomas Jacob, Senior Vice President, Head of Oilfield Global Services, Rystad Energy, USA

13:00 LUNCH & CLOSE OF CONFERENCE



Setting the Scene

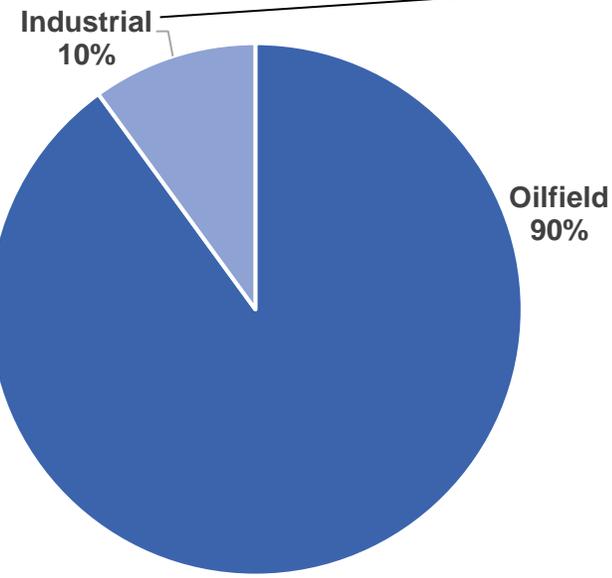
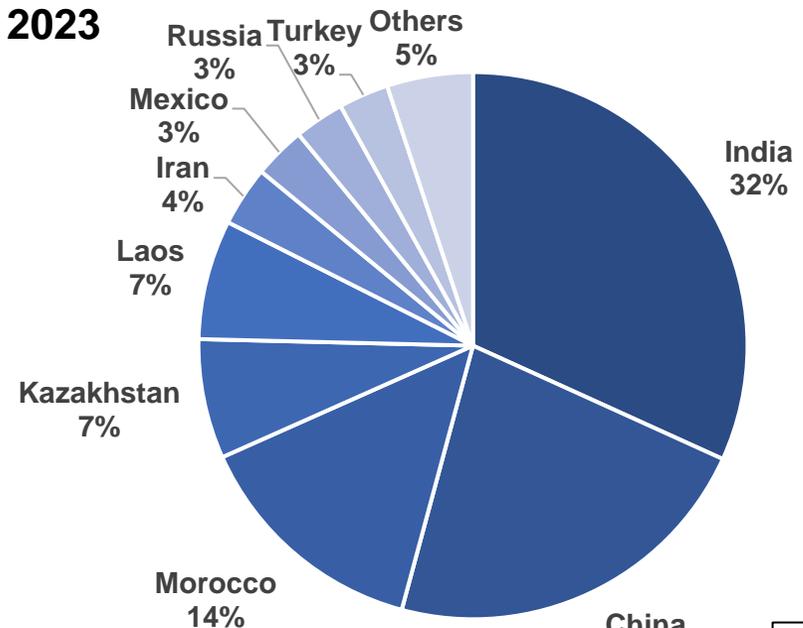


Supply & demand trends for barite & minerals in oilfield applications

Barite, Barytes



World production 2023 8.5m tonnes

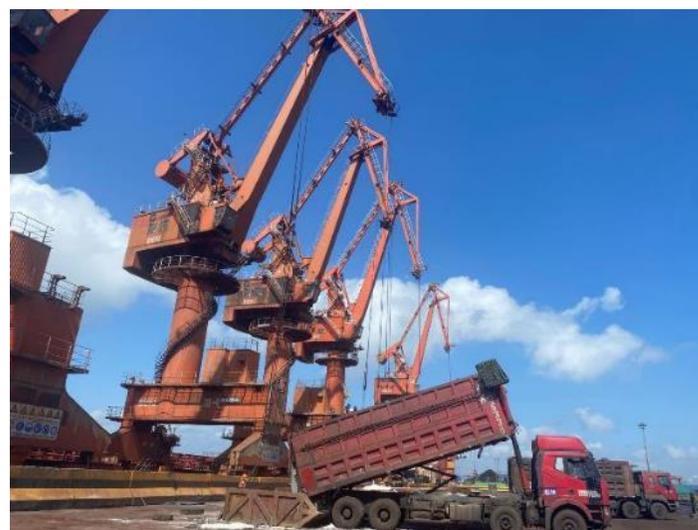


paints, plastics, & rubber;
brake linings; radiation
shielding; contrast
medium

US consumption 2023
2.5m t processed
(domestic & imported)
US imports = 2.5m t
India
China
Morocco
Mexico

Source: USGS 2024

Industrial minerals & the oilfield market



Industrial minerals & the oilfield market



Mining →



Processing →



Logistics →



Oilfield Market Application

- | | |
|-------------------|--------------------|
| Attapulgite | Lignite |
| Barite | Lime |
| Bauxite | Magnesia |
| Bentonite | Magnesium silicate |
| Borates | Magnesium chloride |
| Calcium carbonate | Manganese oxide |
| Calcium chloride | Mica |
| Diatomite | Perlite |
| Garnet | Pollucite |
| Gilsonite | Potash |
| Graphite | Salt |
| Gypsum | Sepiolite |
| Haematite | Silica sand |
| Hectorite | Soda ash |
| Ilmenite | Sodium silicate |
| Iron oxide | Vermiculite |
| Kaolin | Zinc oxide |
| Leonardite | Zirconia |

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Programme/Speaker Enquiries

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



- **Launched in January 2015**
- **Extensive experience & reputation**
- **Specialising in conferences & market research in:**
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 - **Fluorine**
 - **India**
 - **Barite & Oilfield Minerals**
 - **Salt**

FLUORINE **FORUM** 2024

Shangri-La Ulaanbaatar
14-16 October 2024



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NEW SOURCES | CHINA | MONGOLIA | BATTERIES | HF | CHEMICALS | STEEL | AIF₃ | DIGITAL



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REGISTER NOW! €2000 | £1800 | US\$2400

Field Trip
Host



Day 1
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SALT FORUM 2024

Intercontinental Hotel Abu Dhabi
 18-20 November 2024



The new conference for global salt production and markets



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 — only until 7 October 2024 — Thereafter €2000 | £1800 | US\$2400

CONFIRMED SPEAKERS

European sea salt production & markets
 Gonzalo Diaz Caicoya, President, SEASALT Europe, Spain

Solar salt works & technology developments on increasing salt yield & quality with sustainability
 Dr Bhoomi Andharia, Senior Scientist, Salt and Marine Chemicals Division, CSIR-CSMCRI, India

Advancements in solar salt industry: a comprehensive exploration of automation for enhanced efficiency and sustainability
 Param H Dave, Manager, Tata Chemicals Ltd, India

The California Supreme Salt project
 Vladimir Sedivy, President, Salt Partners Ltd, Switzerland

Salt global supply overview & market outlook
 Dr Stefan Schlag, Managing Director, Salt Market Information, Switzerland

Status of Pakistan salt supply, markets & future prospects
 Ismail Suttar, Chief Executive Officer, HubSalt, Pakistan

The potential of sodium-ion batteries & salt requirements
 Sean Hoffman, Critical Minerals Research Analyst, Project Blue, South Africa

Crystallizer pilot study to produce high-purity NaCl salt from monovalent-ion dominant concentrated desalination brine
 Dr Christopher Fellows, Researcher, Saline Water Conversion Corp., Saudi Arabia

The role of salt in the chlor-alkali industry & its outlook
 Stephanie König, Head of European Chlor-Alkali, Argus Media Ltd, UK

Innovation approach to salt plant optimisation
 Titan Salt, Netherlands

Topics to include

- Resources & New Sources
- Exploration & Development
- Production Technology
- Regional Supply Trends
- Market Demand
- Processing Developments
- Logistics
- New applications

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ALUMINA FUSED**	●					●	●		
ANDALUSITE	○					●	●		
ANTIMONY TRIOXIDE*				●		●			
ASBESTOS				●				●	
ATTAPULGITE		●							
BADDELEYITE				○		●			○
BARYTES (BARITE)				○		●			
BAUXITE	●				●	●			

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