Oilfield Minerals Outlook 2014

Houston
24–26 June 2014 • Marriott West Loop, Houston

Confirmed speakers include:

- Stan Kaplan, Director, Office of Electricity, Renewables & Uranium Statistics, U.S. Department of Energy, USA
- Jean-Francois Marechal, CEO, Poittemill, France
- Richard Spencer, CEO, South American Silica Corp, Canada
- Mike O’Driscoll, Global Head of Research, Industrial Minerals, UK
- Jay Chmelauskas, President, Western Lithium USA Corp, USA
- Tom Burkett, Graphite Industry Executive, USA
- Andreas Hensen, Area Sales Manager, Neuman and Esser, USA
- Taylor Robinson, President, PLG Consulting, USA
- Brian Goldstein, Product Director—Propel SSP, Santrol, USA
- Sue Shaw, Senior Analyst, Roskill Information Services, UK
- Yashwanth Seshama, Managing Director, Garuda Drilling Chemicals, India
- Richard Dodd, President, RDC Logistics, USA
- Ari S. Lewis, Principal Scientist, Gradient, USA

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This conference offers a unique forum for discussing the production, processing and logistics relevant to oilfield minerals and highlights why these materials are an essential part of the framework that supports the oil and gas markets.

The conference will focus on the commercial concerns of oilfield mineral application – answering key questions surrounding how research, continuous product development and working with your customers or suppliers are the keys to success in this field.

Number of delegates in 2013 by country:

Reasons to attend:

Hear from market leaders about where the oilfield minerals market is heading over the next few years

Discover the cutting edge technology being applied in new proppant techniques

Hear about the planned diversification of economies in the middle east, and what this will mean for oilfield mineral demand

Engage in the debate surrounding the use of unconventional drilling methods and their potential benefits to the US economy

Learn about how oil mineral suppliers can regain control of their logistics costs

Review the development in oil and gas production over the past ten years–what kinds of drilling products will these markets demand in 2014 and beyond?
Day one:
Wednesday 25 June 2014

08:00  Registration desk opens

09:00  Chairperson’s opening remarks

**Mike O’Driscoll**, Global Head of Research, Industrial Minerals, UK

**Session I:**
Market overview: an industry in transition

09:15  Examining the status and recent trend in the North American energy markets

- What key factors and trends are driving North American energy supply and demand?
- What is the impact of renewable energy on the energy markets as a whole in the US?
- How will these markets evolve in respect to petroleum and other sources?

**Stan Kaplan**, Director, Office of Electricity, Renewables & Uranium Statistics, U.S Department of Energy, USA

09:45  Oilfield minerals application

- What is the future of high performance minerals and their application in oil well drilling?
- Will the US oil and gas markets continue to dominate demand?
- Is the oilfield services industry headed towards further consolidation?
- New technologies: what are the developments that will revolutionise drilling methods over the next decade?
- How can oilfield service companies and mineral suppliers keep up?

10:15  Networking coffee break

**Session II:**
Processing and mineral chemistry

11:00  Case history of a pendulum roller mill upgrade

**Andreas Hensen**, Area Sales Manager, Neuman and Esser, USA

11:30  Mineral Grinding Technologies

**Jean-Francois Marechal**, CEO, Poittemill, France

12:00  New hectorite clay products for challenging oilfield drilling applications

- Organoclay usage is poised for global growth
- Design focus on HPHT, Gelfast and Rheoflat characteristics to improve drilling performance
- Details about the new Hectatone organoclay plant, North America’s newest entrant in decades

**Jay Chmelauskas**, President, Western Lithium USA Corp, USA

12:30  Networking lunch

**Session III:**
Logistics

14:00  Can oilfield mineral suppliers regain control of their logistics costs and channels?

- Why changes in infrastructure have hampered the deliverability of commodities
- Why logistics still account for the biggest cost in the supply chain
- Could consolidation of the frac sand market lead to a more lean mean logistics machine?
- Could the oilfield minerals industry work better with logistics firms to predict demand from consumers and ensure a better service?

**Richard Dodd**, President, RDC Logistics, USA

14:30  New technologies for beneficiating barite for oil and gas Industries

**Yashwanth Seshama**, Managing Director, Garuda Drilling Chemicals, India

15:00  Networking coffee break

15:30  Bentonite

- Outlining the history of the Bentonite market
- Why traditional markets are shrinking
- Examining the use of organophilic clays and their use in wastewater management; could this be used in environmental applications at oil drilling sites?
- Could there be some room for growth for this market as oil based fluids are preferred in areas like North Dakota?

**Sue Shaw**, Senior Analyst, Roskill Information Services, UK

16:00  Graphite

- How significant is the oilfield minerals market to the graphite industry?
- What role does graphite play in drilling fluids?
- Will new nanotechnology developments in the graphite and carbon market be used in well drilling applications?

**Tom Burkett**, Graphite Industry Executive, USA

16:30  Networking drinks and close of day 1
Day two: Thursday 26 June 2014

Session V: Proppants and un-conventionals

09:15 Frac sands—new volumes

- Why record volumes of frac sand are being used in single wells
- Will this become common practice? What could that mean for demand?
- Is the abundance of frac sand available in the US having an adverse effect on price?
- Does the industry have the capacity to respond to a sudden spike production?

Taylor Robinson, President, PLG Consulting, USA

09:45 Case study: the Vaca Muerta Basin Argentina

- Why this region desperately needs better local sources of frac sands
- What are the proppant requirements in Argentina?
- Examining frac sand potential throughout South America

Richard Spencer, CEO, South American Silica Corp, Canada

10:15 Networking coffee break

10:45 Ceramics

- Understanding the economics of ceramic proppants
- A review of developments in ceramic proppant technology over the last ten years
- Global perspectives: why ceramic proppants are used in certain regions and not in others
- Will capacity for ceramic production improve over the next ten years? What will be the key factors that could ramp up production?
- Looking at the best possible new locations for ball mills and ceramic processing—why the Middle East comes out on top

Session VI: New Technologies

11:15 Self-suspending proppants

- Will this new technology be applicable in both horizontal and vertical wells?
- Will this be needed in traditional proppant markets—or simply in specific cases?
- What will this mean for frac sand volumes and demand?
- Outlining how the materials work—and exploring potential future developments in this field

Brian Goldstein, Product Director—Propel SSP, Santrol, USA

11:45 Regulatory updates for crystalline silica and potential business implications

- Background on crystalline silica toxicity and exposure pathways
- Updates on OSHA’s proposed crystalline silica rule
- Issues surrounding hazard classification under the globally harmonized system for classification and labeling
- Potential business implications of changing regulations

Ari S. Lewis, Senior Toxicologist, Gradient, USA

12:15 Networking lunch, and close of conference
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Some of the companies that attended in 2013

- 3X Boys Ltd
- ACC Resources Co
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- Adols Consulting
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- Agenda
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- CCS Silica Solutions-Wincor Development LLC
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- Louisville Dryer Co
- MG Transport Services LLC
- Marquis Alliance Energy Service
- Matrix Supply & Distribution Ltd
- Metso Minerals
- M-I Swaco LLC
- Minera Blendifractor
- Minera Loma Negra SA de CV
- Mineración Varguina
- MineralTech/ISP
- Mississippi Sand LLC
- MN Sands
- Namox, S.A. De C.V.
- National Oil Well Varco
- Nedmag Industries Mining & Manufacturing BV
- NEUMANN & ESSER Grinding & Classifying Systems
- Newpark Drilling Fluids
- Northern White Sand LLC
- Ormy Inc
- Ormy International AG
- OPP Enterprises
- ORIS
- Pacific Road
- PanAmerican Chemical Marketing Ltd
- Parsons Terminals
- Pasek Minerales SAU
- PENC Solutions
- Penta Energy Group Inc
- CPC Sojitz Minería S De RL De CV
- CRU Logistics
- Custom Abrasives LLC
- Daniel Capital Group LLC
- Delamin Ltd
- Delion International
- Desarrolladora E Impulsora De Minerales Sa De Cv
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- ECUTEC
- Eirich Machines Inc
- Elements Specialties
- EP Minerals LLC
- Ernst & Young
- Evergreen Materials
- Excelbar Minerals Inc
- Frieside Minerals
- Pioneere-Matrix
- Pottermill
- Possehl Erzkontor NA Inc
- Possehl Mexico SA de CV
- Preferred Sands
- Prince Minerals
- Prodeva De Mexico SA de CV
- RDC Logistics
- Resource Capital Fund
- Rio Tinto Minerals
- Rock Fin Minerals
- Rockwater Energy Solutions
- Rockwood Additives
- Rohini Oil Field Chemicals Pvt Ltd
- Rotex Inc
- RP Minerals
- Rusal Global Management BV
- SandMold Systems Inc
- Santini & Associates, Inc.
- SBS Mining Ltd
- Schlumberger
- Seaforth Minerals & Ore
- Sekisui Specialty Chemicals
- Shalun Resources
- Shriwe Chemical Products
- Sinter Metals International
- SNUMM
- Soltaz Corporation
- Solex Thermal Science Inc
- Southern Clay Products Inc
- First Bautive Corporation
- Caruda Drilling Mud Chemicals Pvt Ltd
- CEA Niro
- CEA Process Engineering
- CEO Drilling Fluids Inc
- Cimpex Ltd
- CoFrac LLC, USA
- Grinding & Seizing Co
- Halliburton Energy Services
- Heinemerk Canada Ltd
- Honghua Group Limited
- Huls Resources
- IH Science
- IBIC Limited
- IH Science
- Imerys Oilfield Minerals
- Imerys Oilfield Solutions
- Indumir Group
- Industrial Minerals
- Industrial Project Solutions
- International Earth Products LLC
- Itochu International Inc
- JGM Inc
- K-S North America
- Kermess Inc
- Lhoist Group
- Southern Ionics Inc
- Southwest Land & Minerals Corp
- Spike Productions
- St. Cloud Mining Co
- Steinbock Minerals Ltd
- Sudrill SA
- Superior Graphite Co
- Superior Weighting Products LLC
- Takamul Investment Co
- Totem LT
- Totem Marketing Services JLT
- Tran-Western Materials Inc
- Traxys North America LLC
- Unimir Corporation
- United Nations Economic Development Council
- US Energy Information Administration
- Viking Shipping Company (Singapore) Pte Ltd
- Viking Shipping Company AS
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