

MAGFORUM 2021

Magnesium Minerals & Markets Conference

Tue-Wed 29-30 June 2021

ONLINE

SUMMARY SLIDE DECK



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Supporting Partners





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Titan Cement Company
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Traxys Europe SA
US Geological Survey
UBE Materials
Zibo Refratechnik Refractories Co.,Ltd

The topics in general are good and interesting. MagForum is always providing good information.

Sidney Deretti, Commercial Manager, Buschle & Lepper, Brazil

Thank you for the good seminar. It was a very meaningful time for me to understand the magnesia latest situation and trend.

Yusuke Toda, Manager, Non-Ferrous Metals & Minerals Dept. Sojitz Corp., Japan

A well-organised and professional MagForum. Very much appreciated.

Alex Medendorp, Director Sales & Marketing, Nedmag BV, the Netherlands

Online forums are perfect for the current situation, and definitely this one has been very well organised. All worked perfectly.

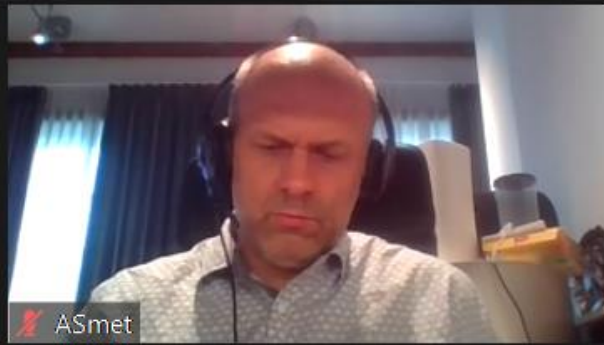
Nines Dominguez, Senior Consultant, Ganmag Magnesite Solutions, Spain

The topics this time have been excellent and covered a wide range of interests for everybody.

Dr Ian Wilson, Consultant, UK

Thank you for your excellent forum.

Kazuaki Hamada, Director, Ube Materials, Japan



PROGRAMME*

DAY 1

Tues 29 June

All times shown are BST (corresponding time zones shown)

** All timings approximate; subject to change*

Key Trends Shaping the Industry

USE LINK 1

BST	CEST+1	EDT-5	SGT+7	
11:00	12:00	06:00	18:00	Welcome & Introduction Mike O’Driscoll, Director & Ismene Clarke, Director, IMFORMED, UK
11:30	12:30	06:30	18:30	Raw material vertical integration in RHI Magnesita & development of processes to reduce CO₂ emissions Thomas Froemmer, Vice President Mining Head of Raw Material Support & Andreas Drescher, Program Manager, Carbon Reduction RHI Magnesita, Austria
12:00	13:00	07:00	19:00	The magnesia industry in transition to low-carbon energy utilisation Vasili Nicoletopoulos, Managing Director, Natural Resources PC, Greece
12:30	13:30	07:30	19:30	How to go green & be profitable? Environmental & profitability benefits in processing using Sensor Based Sorting Jens-Michael Bergmann, Area Sales Manager & Carolina Vargas, Area Sales Engineer, TOMRA Sorting GmbH, Germany
13:00	14:00	08:00	20:00	COFFEE BREAK

PROGRAMME*

DAY 1

Tues 29 June

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to change

Key Trends Shaping the Industry				
13:00	14:00	08:00	20:00	COFFEE BREAK
13:15	14:15	08:15	20:15	CO₂ sequestration using olivine Pol Knops, CEO, Green Minerals, Netherlands
13:45	14:45	08:45	20:45	Bel Mag Project: The future of the magnesium industry in the digital wave, Industry 4.0 Salvelino Nunes, Technical Manager, Buschle & Lepper SA, Brazil
14:15	15:15	09:15	21:15	Benchmarking magnesia production costs Nicolás Gangutia, Managing Director, Ganmag, Spain
14:45	15:45	09:45	21:45	ROUNDTABLE BREAKOUT <i>Informal Networking</i> CO₂ REDUCTION <i>host Vasili Nicoletopoulos</i> PROCESS COST CONTROL <i>host Nicolas Gangutia</i>

[USE LINK 1](#)

[USE LINK 2](#)

PROGRAMME*

DAY 2

Wed 30 June

All times shown are BST
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shown)

* All timings approximate;
subject to change

Supply & Demand Developments				
BST	CEST+1	EDT-5	SGT+7	
11:00	12:00	06:00	18:00	Welcome & Introduction Mike O'Driscoll, Director & Ismene Clarke, Director, INFORMED, UK
11:15	12:15	06:15	18:15	Evolution in the role of trading and processing magnesia Jan Weber, CEO, Possehl Erzkontor GmbH & Co. KG, Germany
11:45	12:45	06:45	18:45	Global trade and demand for dead burned and fused magnesia Alison Saxby, Managing Director, Roskill Information Services Ltd, UK
12:15	13:15	07:15	19:15	Review of magnesite industry in Liaoning, China Shiying Jia, Director-Magnesia Research, Replus Business (UK) Ltd, UK
12:45	13:45	07:45	19:45	COFFEE BREAK

USE LINK 3

PROGRAMME*

DAY 2

Wed 30 June

All times shown are BST
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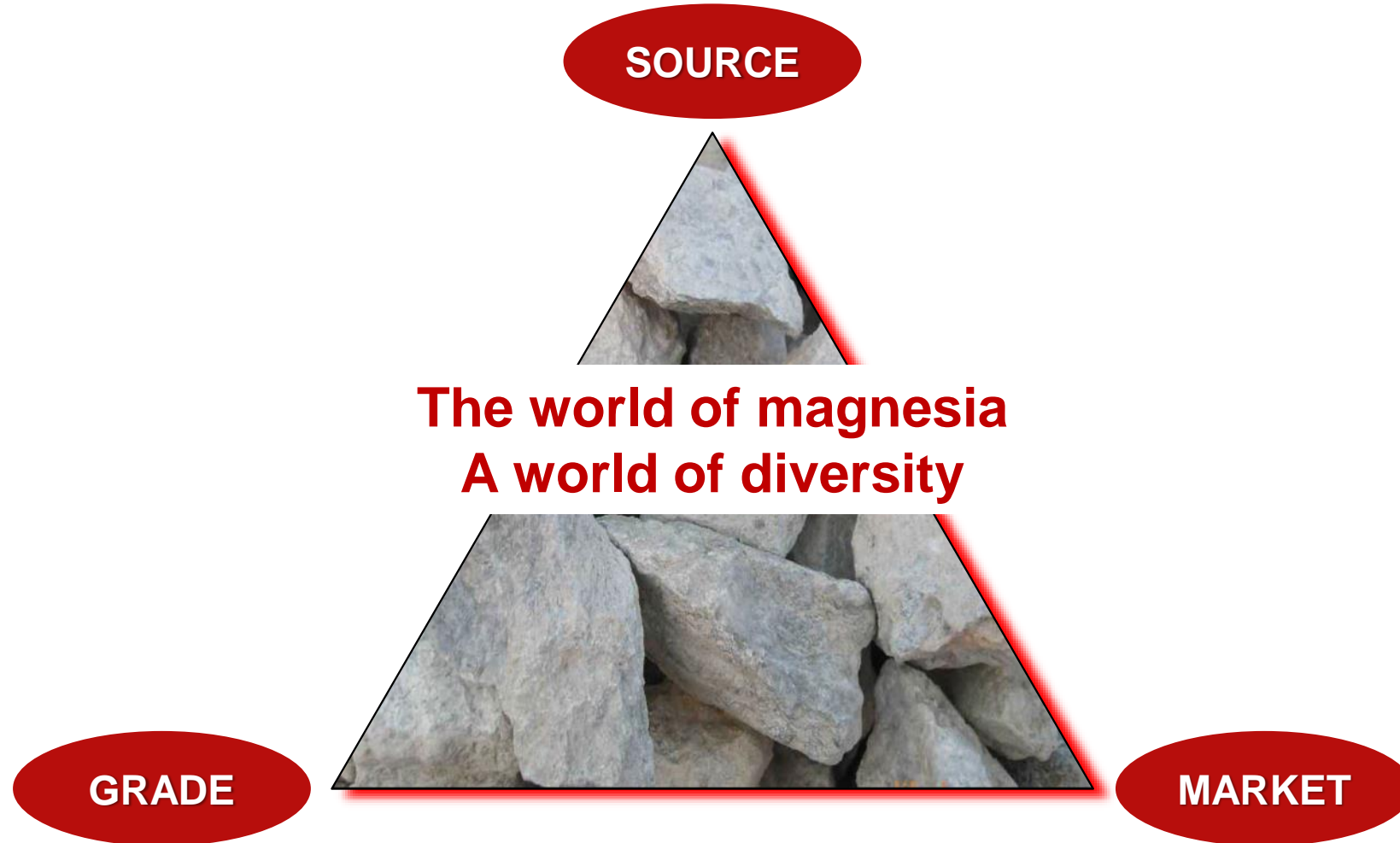
* All timings approximate;
subject to change

Supply & Demand Developments				
13:00	14:00	08:00	20:00	Refractory market trends, developments, & outlook Ted Dickson, Consultant, TAK Industrial Mineral Consultancy, UK
13:30	14:30	08:30	20:30	Development of dolomite-based refractory products Alain Cauchie, NBD Specialist Steel, Lhoist Western Europe, Belgium
14:00	15:00	09:00	21:00	Flame retardants & magnesium chemical markets outlook Samantha Wietlisbach, Director, Minerals Research & Analysis, IHS Markit, Switzerland
14:30	15:30	09:30	21:30	CO₂ neutral synthetic MgO from non-magnesite sources by HCl process David Konlechner, Owner, KON Chemical Solutions e.U, Austria
15:00	16:00	10:00	22:00	ROUNDTABLE BREAKOUT SESSION <i>Informal Networking</i> CHINA <i>host Shiyong Jia</i> MARKET DEMAND <i>hosts Samantha Wietlisbach, Ted Dickson</i>

[USE LINK 3](#)

[USE LINK 4](#)

MAGFORUM 2021



Magnesia market trends

Overall

Extract from Mike O'Driscoll's MagForum 2021 ONLINE Introduction:
Magnesia Markets: Setting the Scene

For free PDF download of full presentation [click here](#)

- **COVID-19 impact** on logistics and markets: in recovery, uncertain future.
- **China in change:** ongoing environmental controls (14th Five-Year Plan 2021-2025); supply sector reforms (2 Co.s 2030?); increasing domestic market demand (import opportunities?); maybe overseas activity?
- **Boost to new/alternative sources:** eg. projects in Saudi Arabia, Serbia, Greece, Morocco, Turkey, Jordan, Australia, Brazil, Pakistan
- **Revision of raw material sourcing,** security, supply chain strategies; “decoupling” from China; select innovation & investment to “be ready”
- **New/alt MgO products:** eg. consideration of increasing use of dolomite and synthetic minerals; RHIM dolomite drive; Imerys' 60% stake in Haznedar, Turkey (Aug. 2020) leaves independent Vardar Dolomit, North Macedonia (RHIM dolomite divestments to Intocast 2017)
- **Environment:** to have greater and significant influence on market development and thus mineral demand and its processing; climate, CO₂ reduction, energy use; more recycling eg. from refractory, mine waste
- **Corporate readjustment:** rationalisation/consolidation; selected investments/strategies; increase in M&A as companies restructure to survive



FM ingots cooling at Haicheng Zhonghao Magnesite, Pailou, Haicheng

FLUORINE FORUM 2021

Wednesday 20 October 2021

ONLINE



CHINA REFRACTORY MINERALS FORUM 2021

Wednesday 3 November 2021

ONLINE



Remember this...?



Coming in 2022!...

CALL FOR PAPERS

MAGFORUM 2022

Magnesium Minerals & Markets Conference
Grand Hotel Huis ter Duin (Noordwijk),
Amsterdam — 7-9 June 2022

Field Trip to Veendam operation 10 June



MINERAL RECYCLING FORUM 2022

Hilton Imperial Dubrovnik, 28-30 March 2022

Secondary raw material sources, supply, processing, and markets

IMFORMED *Rendezvous*

Grand Hotel Huis ter Duin (Noordwijk),
Amsterdam, 24-26 April 2022



OILFIELD MINERALS & MARKETS FORUM HOUSTON 2022

Hilton Houston Post Oak, Hilton, 23-25 May 2022

CHINA REFRACTORY MINERALS FORUM 2022

InterContinental Dalian
12-14 September 2022



HaiMag



IMERYS

Field Trip to Haicheng magnesia operations

FLUORINE FORUM 2022

Pan Pacific Hanoi
17-19 October 2022

MASAN
HIGH-TECH MATERIALS



Field Trip to Nui Phao fluorspar operation

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MOVING MINERALS
 minerals are moving us – we are moving minerals










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MAGNESIA WORLD SOURCES

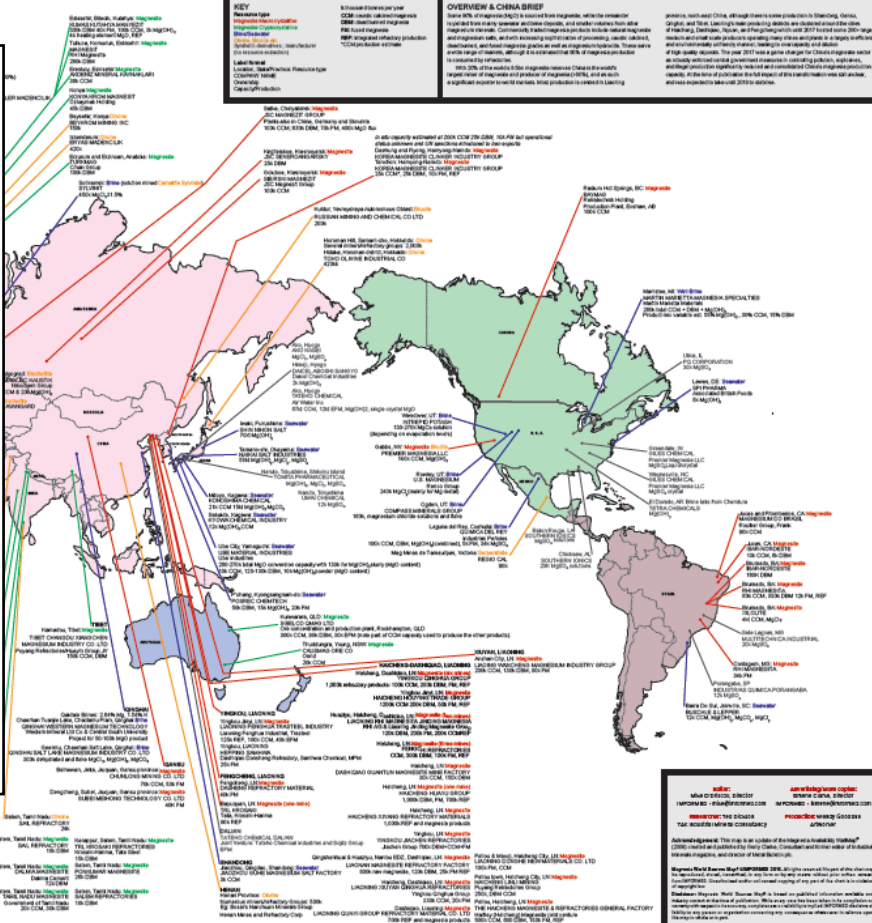
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END2END/VALUE+
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MAGNESIA WORLD SOURCES MAP

PRIMARY WORLD SOURCES AND PRODUCTION CAPACITY OF KEY MAGNESIA RAW MATERIALS



-  Magnesite
-  Caustic Calcined Magnesia
-  Dead Burned Magnesia
-  Fused Magnesia
-  Magnesium Hydroxide
-  Brucite
-  Huntite
-  Dunite
-  Olivine
-  Kieserite



Treat yourself
 Excellent products
 and services.




CC MgO, 08 MgO, Fused MgO, nmgm.de

 **Refractories Window**
 Global Refractories E-Business Platform

Industry report & analysis
 Updated market information
 Sales & procurement solution


 **COFERMIN Group**

 **Roskill**
 Magnesium Compounds
 Global Industry
 Markets & Outlook 2018

 **GANMAG**
 MAGNESITE SOLUTIONS

 **nedMag99**
 Dead Burnt Magnesia
 produced in the Netherlands

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Like a copy? Please contact Ismene ismene@imformed.com

REFRACTORY RAW MATERIAL WORLD SOURCES MAP

2nd edition out now! More minerals included

The central map displays global sources for various refractory raw materials. Each country is linked to a data table listing minerals such as Alumina, Fused Alumina, Andalusite, Kyanite, Sillimanite, Bauxite, Chromite, Graphite, Dead Burned Magnesia, Fused Magnesia, Pyrophyllite, Silicon Carbide, and Zircon. The banners around the map promote industry events and companies like EKC.AG, MiDegasa, Magnesia, Roskill, Thyme, Refractories Worldforum, Baymag, and Imerys.

Primary world sources and production capacity of key refractory raw materials

Alumina | Fused Alumina | Andalusite | Kyanite | Sillimanite | Bauxite | Chromite | Graphite | Dead Burned Magnesia | Fused Magnesia | Pyrophyllite | Silicon Carbide | Zircon

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 - **Magnesia**
 - **Refractory Minerals**
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 - **Fluorine**
 - **India**
 - **Oilfield Minerals**

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