

MAGFORUM 2026

SUMMARY SLIDE DECK

Magnesium Minerals & Markets Conference
Grand Hotel Dino, Baveno,
Lake Maggiore (Milan)
18-20 May 2026



Lead Sponsor

Sponsors

REFRATECHNIK



QMAG
QUEENSLAND MAGNESIA



Terresis
Protect what matters

Exhibitors



Hebei Meishen
Technology Co. Ltd

TOMIRA

Supporting Partners



Refractories Window
www.refwin.com
Global Refractories E-Business Platform

refractories
WORLDFORUM
Manufacturing & Performance of High Temperature Materials



岫岩满族自治县恒锐镁制品有限公司
XIUYAN HENGRUI MAGNESIUM PRODUCTS CO.,LTD

MAGFORUM 2027

Magnesium Minerals & Markets Conference

Akra Hotel, Antalya,
24-26 May 2027



Lead Sponsor



FIELD TRIP: Kümaş, Kütahya, Thurs. 27 May



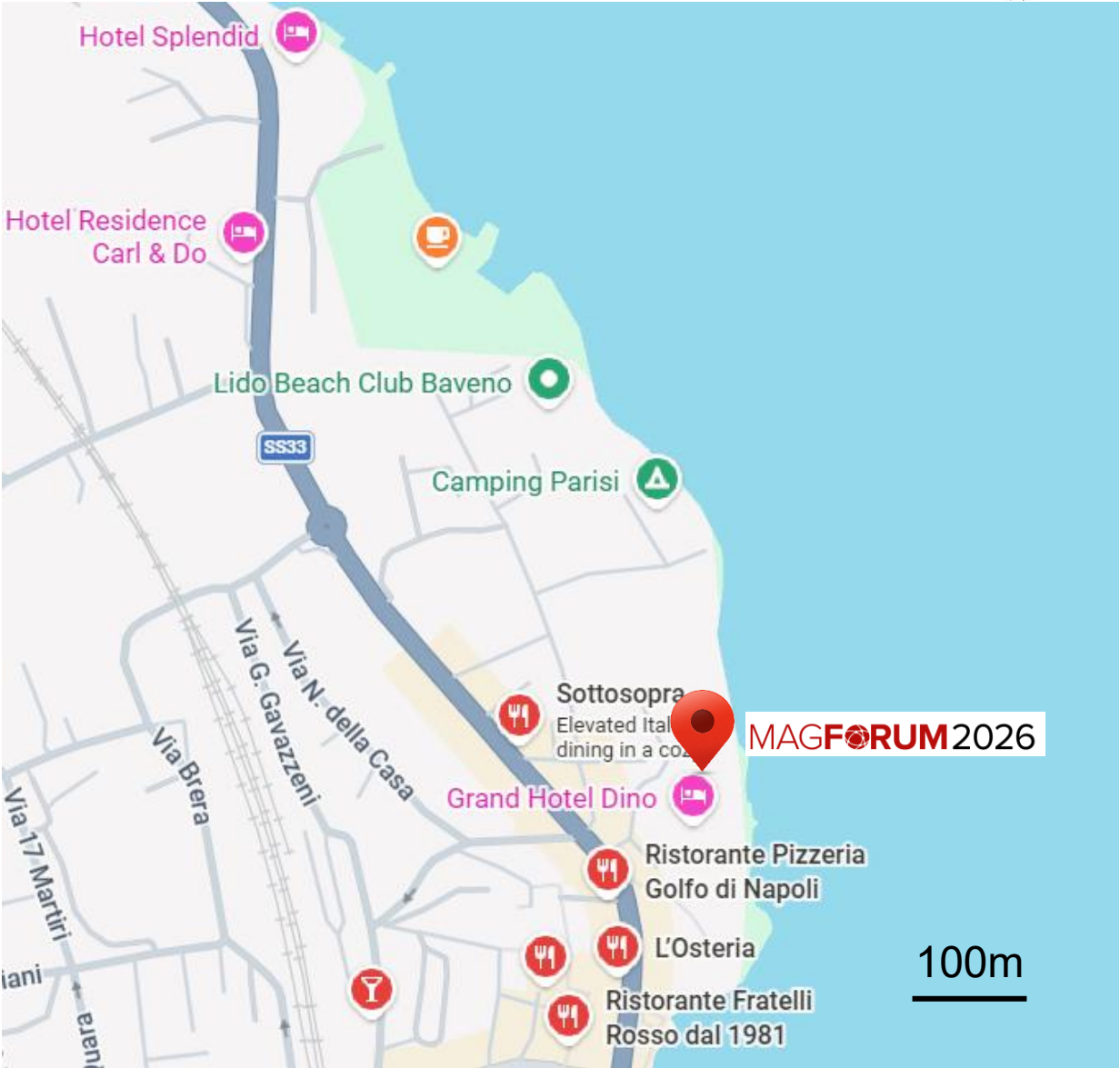
CALL FOR PAPERS | SPONSOR/EXHIBIT OPTIONS | EARLY BIRD



Welcome to Baveno, Italy!



Welcome to Baveno, Italy!

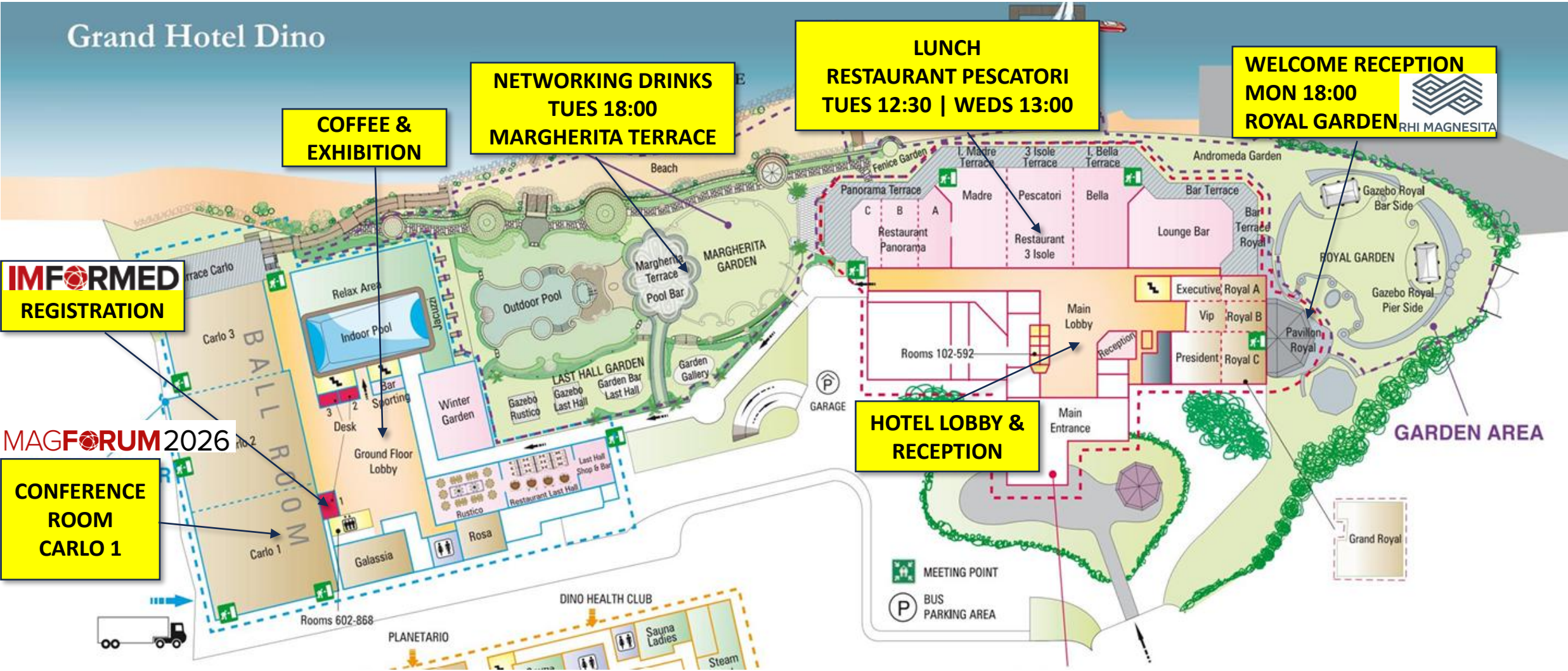


- Please wear your name-badge at all times.
- Please silence all mobile phones/devices.
- All presentations available as PDF to download post-conference.

WiFi: conference internet

Login: magforum

P/W: 2026







LEAD SPONSOR



RHI MAGNESITA

SPONSORS

REFRATECHNIK



Terresis

Protect what matters



岫岩满族自治县恒锐镁制品有限公司

XIUYAN HENGRUI MAGNESIUM PRODUCTS CO.,LTD

EXHIBITORS



河北镁神科技
HEBEI MEISHEN TECH
河北邢台冶金
HEBEI XINGTAI METALLURGICA



SUPPORTING PARTNERS



Refractories Window
www.refwin.com
Global Refractories E-Business Platform

refractories
WORLDFORUM



Almatis
 Almatis GmbH
 Artemyn
 ASAŞ Yeşil Enerji Sanayi Ve Ticaret A.Ş
 Aspiring Materials Ltd
 Atlas Materials
 Baymag Inc
 Beijing Allied Rongda Engineering Material CO., Ltd
 Big Blue Technologies Inc
 Binder+Co
 Carl Spaeter GmbH
 Cermatpro Ltd
 COFERMIN Rohstoffe GmbH & Co KG
 Dadco (Suisse) S.A
 Donghe Europe GmbH
 E.G.O. Elektro-Gerätebau GmbH
 Europiren
 Exterra Technologies
 Fanglin Minerals Co.,LTD
 Forge Minerals
 Garrison Minerals, LLC
 GMW Minerals Services
 Grecian Magnesite SA
 Hanbury House Conulting LTD
 Hebei Meishen Technology Co., Ltd.
 IBAR Nordeste Ltda
 IImagine GmbH & Co. KG
 IMI Fabi S.p.A.
 Inland Environmental Resources, Inc
 Innovative Surface Solutions

INTERMINEX Handelsgesellschaft m.b.H
 Kaustik Europe B.V
 KOSD Wrocław
 Kümaş
 Lehmann&Voss&Co. KG
 LEHVOSS Italy
 LEHVOSS Nederland B.V
 Lincoln Electric Iberia
 Magnesia GmbH
 Magnesitas de Rubian S.A.
 Magnesium Trade & Consultancy.
 Magpro LLC
 Maithan Ceramic Limited
 MareMag
 MCi Carbon
 Metso
 MFG Materia GmbH
 Millenis Group
 Minerals GmbH & Co. KG
 MIRECO – RHI Magnesita
 MMW Hamm GmbH
 MPI Magnesium
 MU Arcline Corporation
 Nedmag
 Normag GmbH
 Nuova Sima SRL
 Omya International AG
 Pak Minerals & Refractory Industry
 Planetary Technologies
 Project Blue

ProSeed Ingredients SA
 QMAG
 Rauschert Heinersdorf-Pressig GmbH
 REFRATECHNIK
 Refratechnik Holding GmbH
 RHI Magnesita
 Scheruhn Industrie Mineralien
 Sino Minmetals Co., Ltd
 Sojitz Corporation
 ST Equipment & Technology
 STYROMAG Steirische Magnesitindustrie
 GmbH
 Tanisho & Co.,Ltd
 Terresis
 thyssenkrupp Materials Trading GmbH
 Tifor B.V
 TOMRA Sorting Solutions
 Traxys Europe
 Traxys North America
 UBE MATERIAL INDUSTRIES, LTD
 VERDE MAGNESIUM
 Vesuvius
 World Refractories Association
 Xilolite S.A
 Xiuyan Hengrui Magnesium Products
 Co.,Ltd
 Zakłady Magnezytowe „ROPCZYCE” S.A.

Participating in the MagForum in Baveno this May was an incredibly valuable experience and a great reminder of how important global industry forums are for driving meaningful conversations, connections, and innovation across the sector. The high-level event also brought highly relevant discussions and insights through its plenary sessions and presentations.

Marcela Freeman, Head of Commercial Management/Minerals, RHI Magnesita, Brazil

The mix of presentations provided plenty of valuable insights into well-known products & applications, but we're also taking home many new ideas and learnings. What made the event especially worthwhile were the engaging discussions and the opportunity to connect with so many people from all over the world. We're already looking forward to next year!

Meike Peters, Business Development Manager, Donghe Europe GmbH, Germany

Three days at Lago Maggiore with the global magnesia community: inspiring talks, strong market insights, countless conversations — and that uniquely Italian mix of energy & hospitality. A true industry class reunion. See you next year in Turkey.

LEHVOSS Magnesia, Minerals, Excipients, Germany

We would like to express our sincere gratitude for the excellent organisation of the conference held in Milan, Italy this May. We gained a lot from this event.

Leo Liu, European Regional General Manager, Hebei Meishen Technology Co. Ltd, Germany.

I was deeply impressed about the high level of presentations and discussions at the recent MagForum at Lago Maggiore.

Bernd Löser, Head of Extrusions Technology/MgO Key Account, Rauschert Heinersdorf-Pressig GmbH, Germany

I had the opportunity to participate in MAGFORUM 2026, representing Almatiss and connecting industry experts from around the world. The conversations around market trends, raw material challenges, sustainability, and future opportunities reminded me how important collaboration is in our industry. Special thanks to IMFORMED for bringing together such a knowledgeable and engaged community.

Osman Çalışır, Head of New Business Development, Almatiss GmbH, Germany

The beautiful Italian town of Baveno, located on Lake Maggiore, once again hosted this most important conference of the magnesium minerals industry this year. It was our first time there! Thanks for the great organisation, as well as to all the participants for interesting and inspiring conversations.

Adrian Podgorny, Project Manager, KOSD Wrocław, Poland



MAGFORUM

2016	Vienna
2017	Krakow
2018	Hamburg
2019	Bilbao
2020	- - -
2021	Online
2022	Amsterdam (Noordwijk)
2023	Baveno
2024	Halkidiki
2025	Salvador (Praia do Forte)
2026	Baveno
2027	?????? 10th MagForum!





SAVE THE DATE



MAGFORUM 2027

Magnesium Minerals & Markets Conference

Akra Hotel, Antalya,
24-26 May 2027



LEAD SPONSOR



FIELD TRIP:

KÜMAŞ, KÜTAHYA

THURSDAY 27 MAY 2027

CALL FOR PAPERS | SPONSOR/EXHIBIT OPPORTUNITIES | EARLY BIRD RATES

SAVE THE DATE

MAGFORUM 2027

Magnesium Minerals & Markets Conference

Akra Hotel, Antalya,
24-26 May 2027



LEAD SPONSOR



FIELD TRIP:

KÜMAŞ, KÜTAHYA
THURSDAY 27 MAY 2027



CALL FOR PAPERS | SPONSOR/EXHIBIT OPPORTUNITIES | EARLY BIRD RATES



MAGFORUM

From Mine to Global Refractory Solutions,

As one of Türkiye's largest integrated magnesia and refractory producers, **KÜMAŞ** is honored to prepare for hosting **MAGFORUM 2027** at the heart of one of the world's most strategically positioned magnesia ecosystems.

Please join us for an exceptional industry gathering and experience Türkiye's industrial strength, strategic importance and hospitality.

Looking forward to welcoming you next year in Antalya (*)

Umut Varol

Sales & Marketing Director
Kümaş Manyezit Sanayi A.Ş

(*) Antalya ranked as the 6th most visited city in the world in 2024 according to Euromonitor International. Its history dates back nearly 500,000 years to the earliest phases of the Paleolithic Age.





MAGFORUM

SOURCE



The world of magnesia
A world of diversity
Evolving with change



GRADE

MARKET



Magnesia overview

World magnesia sources

Natural mineral (90%)
Magnesite (MgCO_3)
Cryptocrystalline (or Microcrystalline)
Macrocrystalline (or crystalline)

Synthetic MgO derivatives (10%)
Seawater | Salt lakes | Brines

Other natural MgO minerals

Bischofite	$\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$
Carnallite	$\text{KMgCl}_3 \cdot 6\text{H}_2\text{O}$
Kieserite	$\text{MgSO}_4 \cdot \text{H}_2\text{O}$
Dolomite	$\text{CaCO}_3 \cdot \text{MgCO}_3$
Brucite	$\text{Mg}(\text{OH})_2$
Huntite	$\text{Mg}_3\text{Ca}(\text{CO}_3)_4$
Hydromagnesite	$\text{Mg}_4(\text{OH})_2(\text{CO}_3) \cdot 4\text{H}_2\text{O}$
Serpentinite	$(\text{Mg,Fe})_3\text{Si}_2\text{O}_5(\text{OH})_4$
Olivine	Mg_2SiO_4
Dunite	>90% olivine
Nesquehonite	$\text{MgCO}_3 \cdot 3\text{H}_2\text{O}$
Periclase	MgO



RHI Magnesita's Pedra Preta magnesite mine, Brumado, Bahia, Brazil



Nedmag's Mg-salts solution mine, Veendam, the Netherlands



Intocast's refractory dolomite mine, Marone, Italy



Nuova Cives' olivine mine, Vidracco Italy

Magnesia overview

Grades: Scale of magnesia processing; price reflection

			Increasing price US\$/tonne China FOB*
Increasing temp.°C heat treatment Decreasing reactivity Increasing refractoriness Increasing energy cost	2,800-3,000°C	electrofused magnesia 96-98% MgO	\$500-740
	1,500-2,300°C	dead burned magnesia 90-97.5% MgO	\$205-395
	1,000-1,500°C	hard burned caustic calcined magnesia	\$170-218
	700-1,050°C	light burned caustic calcined magnesia 80-92% MgO	



**as of 30 April 2026; range reflects low-high grades based on MgO%*

Source:  **Refractories Window**
www.refwin.com
Global Refractories E-Business Platform

Magnesia overview

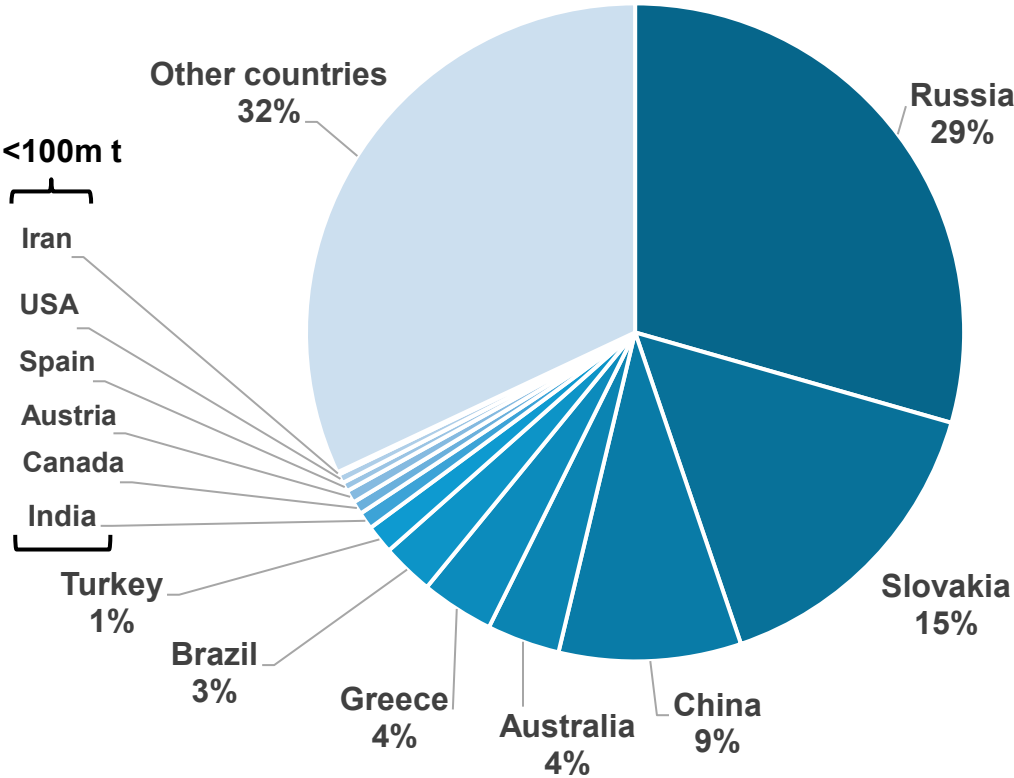
Grade & market diversity

MAGNESIA MARKET APPLICATIONS SUMMARY						
➡ Decreasing reactivity, increasing heat treatment, refractoriness, & price/tonne ➡						
	700-1500°C			1500-2300°C	2800-3000°C	
RAW MAGNESITE	CAUSTIC CALCINED MAGNESIA			DEAD BURNED MAGNESIA	FUSED MAGNESIA	
	Synthetic CCM	Natural CCM		Refractory grade 93,95,97% MgO	Refractory grate 97%+ MgO	Electrical grate 97.0%+ MgO
Mg metal Fertiliser Glass Ceramics Rubber Insulation Paper Plastics Pigment Surface coating explosives Pesticide carrier Landscaping	HP FM electrical grade Mg metal Mg chemicals Pharmaceuticals Ceramics UHP MgO	Feedstock	DBM, FM	Refractories — bricks — gunning — mixes — castables Welding	Transformer steel coatings Refractory bricks	Cable insulation Electrical elements UV sensors Hi-tech ceramics
		Cement	Insulation boards Sorel cement Adhesives Concrete/ cement Paints Abrasive wheels			
		Agriculture	Animal feed Fertiliser			
		Environmental	Water/waste FGD CCS			
		Ceramics Metallurgical flux Plastic filler Pesticide carrier Designer ceramics Foundry sand Coatings Absorbent Dessicant Flame retardant Lubricant additive Fuel additive Slag conditioner Hydrometallurgy				

Magnesia overview

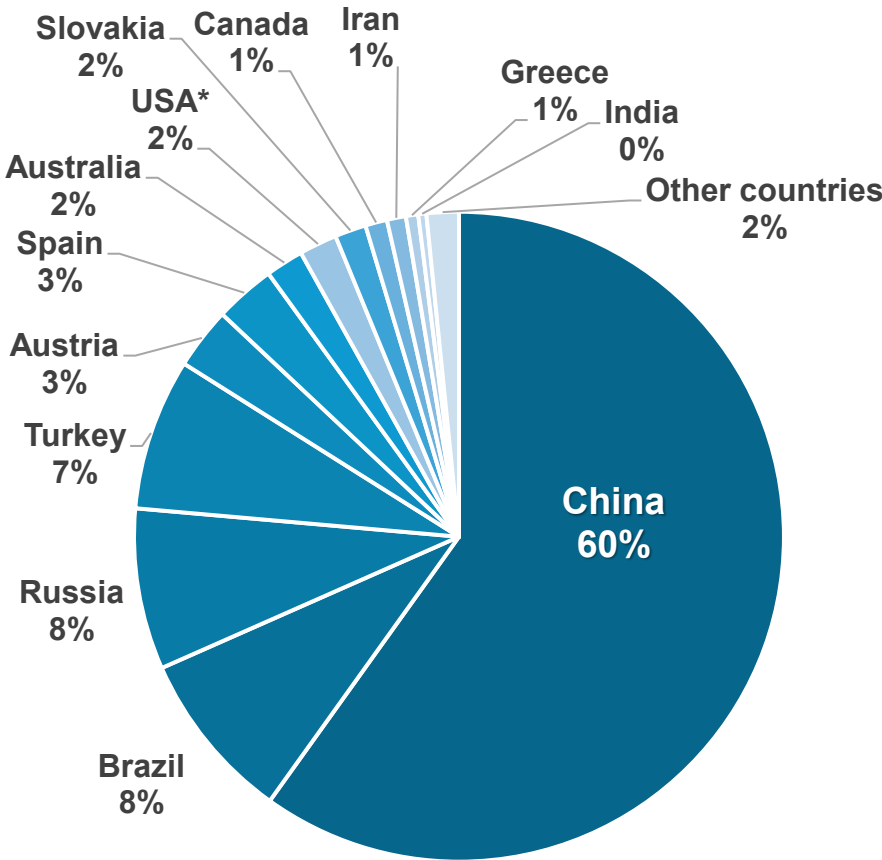
World magnesite resources & production

World magnesite reserves 2025
7.8bn. tonnes estimated



World magnesite production 2025
21m. tonnes estimated

Country	000 t
China	12,700
Brazil	1,800
Russia	1,700
Turkey	1,600
Austria	650
Spain	640
Australia	400
USA	*400
Canada	230
Iran	200
Greece	130
India	85
Other	340
Total	21,000



MgCO₃ to MgO
x0.48
= 10m t MgO

Gross weight of magnesite (MgCO₃) in 000s tonnes; *except USA in magnesium oxide (MgO) content 000s tonnes (most US output synthetic from brines/seawater US magnesite volume mined withheld information)

Source: data from USGS 2026

Magnesia overview

Summary of discussion points?

Sourcing: Geopolitics/Alternatives

- US trade tariff impact on sourcing
- Iran-US conflict
- Near/on-shoring trends in strategic sourcing, eg. in/near India growth market?
- Magnesia’s “criticality” under debate = new EU source development boost?
- Range of alt. sources from other projects

Environment

- Decarbonisation & recycling the key challenges and priorities in magnesite mining, magnesia processing, *and* for end-users, ie. refractories
- Opportunities for added value MgO products
- CO₂ reduction & utilisation, mineral carbonation

Refractory market

- Steel remains major refractory market, facing headwinds in Europe
- Green steel impact on refractory raw material input
- Continuing consolidations

Market diversification

- Exploring more speciality markets
- Construction: low- CO₂ material products
- Hydrometallurgy: CCM in Ni/Co/REE processing for battery raw material
- Wastewater treatment: eg. acid rock drainage & process water from mining.



Exterra Carbon Solutions plans to reprocess serpentine tailings to produce carbon-neutral magnesium oxide (MgO) in Quebec.
Inset: Verde Magnesium’s Mg project using brucite “waste”/ore stockpile at Budureasa, western Romania, achieved EC Strategic Project Status March 2025.



MgO boards or panels are an increasingly popular construction material.

ConsenCUS CCU pilot plant in operation January 2025 at Grecian Magnesite’s Yerakini mine site calcination facilities

PROGRAMME

DAY 1

TUESDAY 19 MAY

INTRODUCTION | KEYNOTE OVERVIEWS

- 08:30 **Opening Remarks & Introduction**
Mike O'Driscoll, Director, INFORMED, UK
- 09:00 **2035 RHI Magnesita raw material strategy: magnesia in the heart**
Nicolas Gangutia, Head of Minerals BU, RHI Magnesita, Austria
- 09:30 **The new world order: strategic developments impacting the magnesia market**
Alex Medendorp, Director, Magnesium Trade & Consultancy, Netherlands

10:00 COFFEE *sponsored by*



STEEL & METAL MARKETS | REFRACTORY CARBON FOOTPRINT

- 11:00 **The outlook for magnesia in steel & metals production**
Alison Saxby, Research Director, Project Blue, UK
- 11:30 **The WRA and its assessment of raw material impact on the Product Carbon Footprint of refractories**
Dr Rainer Gaebel, President, World Refractories Association, Belgium

PROGRAMME

DAY 1

TUESDAY 19 MAY (CONTINUED)

12:00 KEYNOTE DISCUSSION PANEL

“Weathering the Storm” – Geopolitical impact & Magnesia’s “criticality”

- **Moderator: Mike O’Driscoll**, Director, INFORMED, UK
- **Guillaume Bonnet**, Director, Terresis MAGNA, Spain
- **Alvaro Lopes**, Managing Director, Industrial Raw Materials, RHI Magnesita, USA
- **Sven Rosemann**, Managing Director, IImagine, Germany
- **Andy Smet**, Product Manager, Traxys Europe SA, Luxembourg
- **Prof. Dr. Franz X. Spachtholz**, Managing Director, Refratechnik Group, Germany

12:30 LUNCH *sponsored by*

REFRATECHNIK

 Baymag | **Q**MAG
QUEENSLAND MAGNESIUM



**Questions & comments most welcome
from the audience**

PROGRAMME

DAY1

TUESDAY 19 MAY (CONTINUED)

MAGNESIA SUPPLY DEVELOPMENTS

- 14:00 **Dead burned magnesia: From natural resource to industrial performance**
 Mustafa Çavaç Sales and Marketing Manager Raw Materials, Kümaş Manyezit Sanayi AŞ, Turkey
- 14:30 **Protecting what matters: Terresis' new identity and sustainable commitment**
 François Mazaré, Deputy Chief Executive Officer, Terresis, France
- 15:00 **Industrial development of white fused magnesia & fused magnesia in China**
 Dr Perry Zhang, President, Beijing Allied Rongda Engineering Material Co. Ltd, China

15:30 COFFEE *sponsored by*



DECARBONISATION INNOVATION

- 16:00 **Decarbonisation for the magnesia industry**
 Sophia Hamblin Wang, Co-Founder & COO, MCI Carbon, Australia
- 16:30 **The new market opportunity: converting magnesium byproducts into carbon removal credits**
 Vince Willis, VP Project Development & Alex Stoczek, Operations Manager, Planetary Technologies, Canada

PROGRAMME DAY 1

TUESDAY 19 MAY (CONTINUED)

17:00 ROUNDTABLE NETWORKING SESSION

Opportunity for attendees to relax, network & discuss informally at themed & hosted roundtables

THEME	Host(s)
Supply/ Alternative Sources	Alexandru Rosu, CEO, Verde Magnesium, Romania
Processing	Jens-Michael Bergmann, Area Sales Manager, TOMRA Mining
Refractories/ Metallurgy	Alison Saxby, Research Director, Project Blue, UK
Specialities	Adnan Essa, CEO, PAK-MAGNESIA, UAE
Decarbonisation	Vince Willis, VP Project Development; Alex Stoczek, Operations Manager, Planetary Technologies

18:00 CLOSE OF CONFERENCE DAY 1 |
NETWORKING DRINKS RECEPTION AT
MARGHERITA TERRACE



LOCATION
Rear of
this room



PROGRAMME

DAY 2

WEDNESDAY 20 MAY

SPECIALITY MAGNESIA & MARKETS

- 08:30 **An innovative magnesia-based technology for mine tailings pond treatment**
Maryam Jafari, Market Development Manager, Baymag Inc., Canada
- 09:00 **High purity magnesia for highly regulated industries: pharma, food, cosmetics & beyond**
Thomas Raab, Strategic Sourcing Director, MAGNESIA GmbH, Germany
- 09:30 **Status of chemical magnesia in China & the World: comparison & development suggestions**
Sun Wen, President, Hebei Meishen Technology Co. Ltd, China
- 10:00 **Magnesium oxide in context of tubular heating elements**
Dr. Wolfgang Thimm, Material Expert, E.G.O. Elektro-Gerätebau GmbH, Germany

10:30 COFFEE

PROGRAMME

DAY 2

WEDNESDAY 20 MAY

ALTERNATIVE SOURCES & PRODUCTION

- 11:00 **MareMag: a new process for the sustainable production of magnesium hydroxide from salt brine**
Fabrizio Vicari, CEO, MareMag, Italy
- 11:30 **Pilot results & economic analysis of magnesium metal production by aluminothermic reduction of magnesia**
Boris Chubukov, CTO, Big Blue Technologies Inc., USA
- 12:00 **Antigorite from Nasławice KOSD, Poland: an alternative magnesia source for selected refractory products**
Adrian Podgórný, Project Manager, KOSD Wrocław, Poland
- 12:30 **Sustainable magnesium products (MgO; MDH; Mg) from serpentine: A new industrial platform for the EU**
Dr David Konlechner, Chief Technology Advisor, MPI Magnesium, Austria

13:00 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



Sharon Thomas
Assistant, IMFORMED



Evie O'Driscoll
Assistant, IMFORMED



Sponsorship/Exhibit/Registration Enquiries

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

Programme/Speaker Enquiries

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



IMFORMED
Industrial Mineral Forums & Research

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

IMFORMED

Industrial Mineral Forums & Research

Networking and knowledge for the industrial minerals business

MAGNESIA

WORLD SOURCES

2nd EDITION 2024

PRIMARY WORLD SOURCES AND PRODUCTION CAPACITY OF KEY MAGNESIA RAW MATERIALS

Cabo, Ortegal, Galicia: **Dunite**
PASEK ESPANIA
1,000k

Monte Castelo, Lugo, Galicia: **Magnesite**
MAGNESITAS DE RUBIAN
75k CCM

Zubiri, Navarra: **Magnesite**
MAGNESITAS NAVARRAS
Roullier Group
200k DBM

SPAIN

JUST-IN-TIME DELIVERY
WITH HIGH PERFORMANCE, NEW STANDARDS
AND RESPONSIBLE SUSTAINABILITY.

CC MAG
DR MAG
FUSED MAG

www.normag.de

IBAR

ADVANCED SOLUTIONS IN
REFRACTORIES
&
INDUSTRIAL
MINERALS

www.ibar.com.br

IMFORMED
Industrial Mineral Forums & Research

MAGNESIA

WORLD SOURCES

2ND EDITION 2024

RHI MAGNESITA

Taking Your
Raw Material
Solutions to
1200°C
And Beyond

Baymag
pure, natural MgO

www.baymag.com

A proud member of REFRACTEC Group of Companies

FM97.5

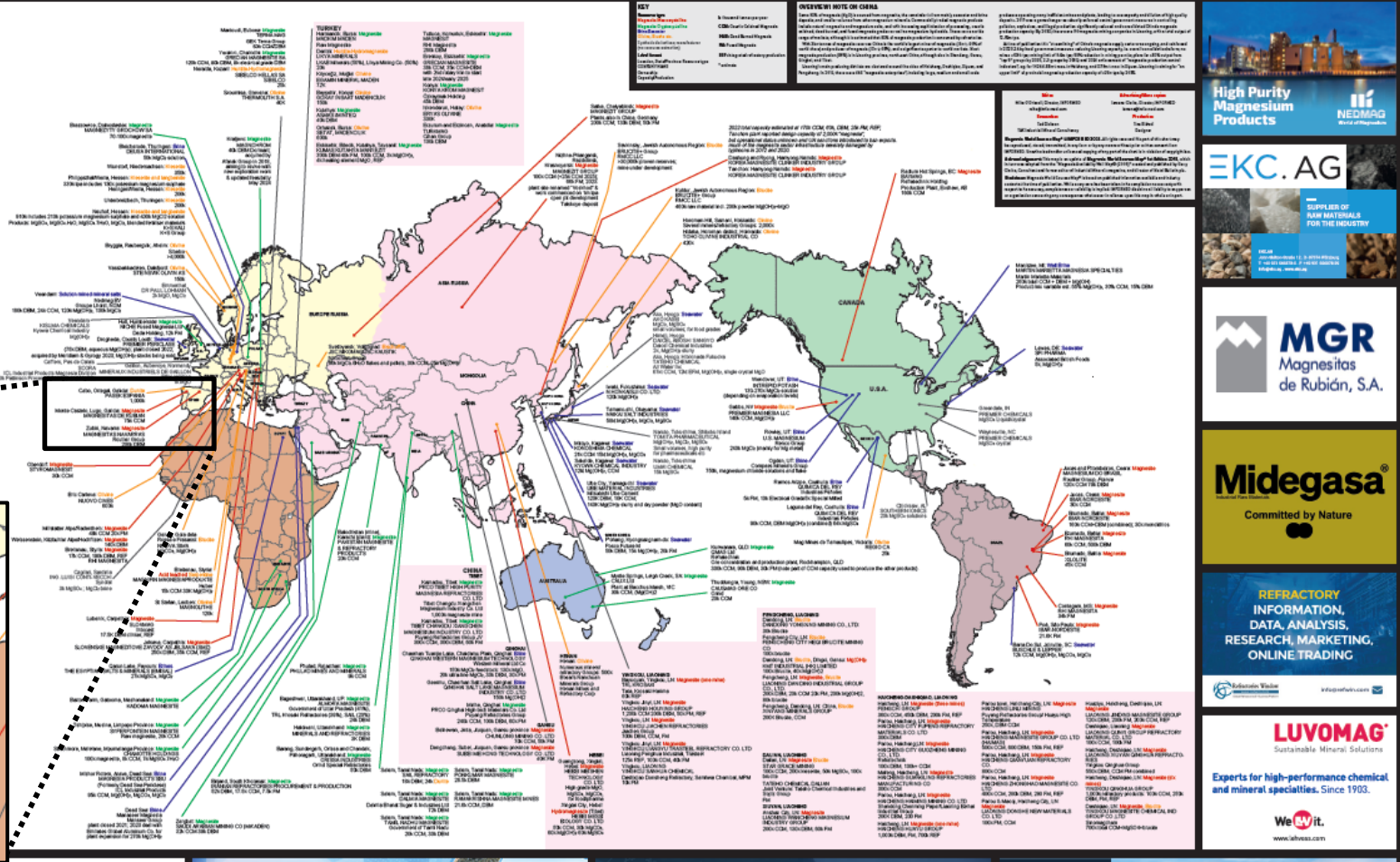
www.refmin.com.cn

IMagine
by COFERMEN

www.cofermen.it/magine/

NICHE
Fused Magnesia
a DADA Holding

World leader in the production of electrical grade MgO
for domestic and industrial appliances, refractory and
automotive applications.



Reveal the potential of magnesium

TIMAB
magnesium

MAGNA
MAGNESITAS NAVARRAS

PART OF THE GROUPE ROULLIER

GLOBAL MONARCH - F.Z.C

Leaders in international
marketing and trading of
industrial raw materials
since 1978

PROJECT BLUE
www.projectblue.com

MAGNESIUM

RESEARCH SERVICE

Market intelligence on critical materials for energy transition

Q MAG
QUEENSLAND MAGNESIA

WE CREATE SOLUTIONS TO MAKE
A SUSTAINABLE DIFFERENCE

MEMBER OF THE REFRACTEC GROUP OF COMPANIES

qmag.com.au

LUVOMAG
Sustainable Mineral Solutions

Experts for high-performance chemical
and mineral specialties. Since 1903.

WeWit
www.wit.com

PICK UP YOUR COMPLIMENTARY COPY AT OUR STAND TODAY !!

MAGFORUM 2027

Magnesium Minerals & Markets Conference

Akra Hotel, Antalya,
24-26 May 2027



Lead Sponsor



FIELD TRIP: Kümaş, Kütahya, Thurs. 27 May



CALL FOR PAPERS | SPONSOR/EXHIBIT OPTIONS | EARLY BIRD

MAGFORUM 2026

Magnesium Minerals & Markets Conference

Grand Hotel Dino, Baveno,

Lake Maggiore (Milan)

18-20 May 2026



Participate

Learn

Enjoy