



UPDATE Weekly

March 23, 2012

Edition: 12

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Below are articles and summaries of **magnesium** related stories. Members are asked to distribute the update to their employees – if their employees wish to receive the IMA Weekly Update, please send their email addresses to the IMA Head Office. We appreciate your company press releases and announcements for inclusion in the Weekly Update.

INDUSTRY CALENDAR

April 3-5, 2012

U.S. EPA Hardrock Mining Conference 2012:
Advancing Solutions for a New Legacy
Denver, Colorado, USA
<http://www.epa.gov/nrmrl/events/event04032012.html>

April 24-25, 2012

**IMA European Magnesium
Applications Seminar**
Holiday Inn Düsseldorf – City Centre,
Königsallee; Düsseldorf, Germany
http://www.intlmag.org/auto_eu.html

April 25-26, 2012

Global Automotive Lightweight Materials Initiative
London, United Kingdom
www.global-automotive-lightweight-materials.com

May 2-3, 2012

Automotive Metals Conference
Dearborn, MI USA
www.amm.com/EventDetail/4259/5th-Automotive-Metals-Conference.html

May 20-22, 2012

IMA 69th Annual World Conference
San Francisco, California, USA
www.imaworldconference.org

July 8-12, 2012

9th International Conference on Magnesium Alloys
and their Applications
Vancouver, Canada
www.magnesium2012vancouver.com/welcome.html

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ASSOCIATION NEWS

IMA 69th Annual World Conference: *The Optional Tour Registration deadline has been extended to April 13, 2012*

IMA 69th Annual World Conference: *Exhibitor Opportunities are almost sold out!*

IMA 69th Annual World Conference: *Magnesium – The Dream Metal*

IMA European Magnesium Applications Seminar, Düsseldorf, Germany
Magnesium – The Innovative Light Metal

Articles follow below

INDUSTRY NEWS

US Magnesium Price Dips on Weaker Demand
www.metal-pages.com (23-Mar-2012)

Announcing Global Automotive Lightweight Materials 2012, Business Design Centre, London, UK
<http://www.global-automotive-lightweight-materials.com> (23-Mar-12)

Articles follow below

EUROPE'S LATEST

Europe Magnesium Market Eases, Seen Slow
www.metal-pages.com 21-Mar-2012

just-auto Adds Automotive Material Trends Intelligence Service
www.prnewswire.com (19-Mar-2012)

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CHINA'S LATEST

Chinese Minor Metals Weekly Roundup
www.metal-pages.com (23-Mar-2012)

China Magnesium Production Shifts to Shaanxi
www.japanmetalbulletin.com (19-Mar-2012)

Articles follow below

EDITOR'S NOTE: IMA makes every possible effort to substantiate the articles which appear in the Weekly Update. However, as this is not always possible IMA does not warrant the details nor accuracy of any given article. Please keep in mind that materials are attained through press releases, outside articles from numerous sources and publications. Such materials often contain opinions which are not that of the association nor should they be construed as such. We realize that in the case of some materials, the translations might often lead to less than perfect grammar, etc. It is our position however to print as submitted rather than take upon ourselves the editing of such materials which would entail potential changes unwanted by any given author.

ASSOCIATION NEWS

IMA 69th Annual World Conference: *The Optional Tour Registration deadline has been extended to April 13*

We were able to secure an extension for registering for both San Francisco tours: the extended deadline is Friday, April 13, 2012.

There are two Optional Tours available to all conference spouse/guest attendees which offer the registrants a wonderful opportunity to explore settings that are unique to historic San Francisco, California, USA.

As a reminder, we must register a minimum of 25 people for the [Yountville Wine Tour and Lunch](#) as well as the [San Francisco Conservatory of Flowers Tour and Lunch](#) by the extended deadline of April or we must cancel one or both of the events. We are currently at 50% of the registrations needed to meet the minimums for each of these tours.

If you or your spouse/guest plans to attend one or both of the tours and you have not yet registered, please do so by April 13. We would like to make sure the attendees enjoy their time in San Francisco with these planned events.

Yountville Wine Tour and Lunch – Monday, May 21, 2012

Carolyn Treiber knows the San Francisco and Napa Valley area inside and out. She has been kind enough to set up another day touring the beautiful area of Yountville located in the heart of the Napa Valley. Yountville is known for its world-class, yet quaint restaurants and you will enjoy lunch at the famous Bardessono. Meals at Bardessono draw food from local growers, farmer's markets and the restaurant's own on-and off-site culinary gardens, and your dining experience will be overseen by Executive Chef Victor Scargle. Carolyn will select a local winery with tasting room for you to enjoy the true Napa Valley experience.

Cost: \$185 per person (includes transportation, winery fee and lunch)

San Francisco Conservatory of Flowers Tour and Lunch – Tuesday, May 22, 2012

This tour will include a visit at the San Francisco Conservatory of Flowers led by a docent who will explain the exhibits or rare and tropical plants as well as give a history of the Conservatory and Golden Gate Park. The group will then board the bus and go to a local restaurant for lunch before heading back to the hotel. The tour is estimated to leave the hotel at 10:30 a.m. and return at approximately 3:00 p.m.

Cost: \$80 per person (includes transportation, Conservatory entry fee and lunch)

IMA 69th Annual World Conference: *Exhibitor Opportunities are almost sold out!*

There are 17 total Exhibitor Opportunities and only 5 spaces are left. Please submit your [Commitment Form](#) today! Download the [Exhibitor/Sponsor Opportunity Brochure](#) to find out how you can get more involved!


All sponsorships include Corporate sponsor benefits: substantial recognition for your contribution to the success of the conference. Company names and corporate logos will appear on the sponsorship recognition signage at the conference, the IMA website, in IMA's Weekly Update, and in the various Conference printed materials and Conference Proceedings. IMA will be very appreciative of your support of the association!

IMA 69th Annual World Conference: *Magnesium – The Dream Metal*


The 69th Annual World Magnesium Conference will be held in San Francisco, California, USA from May 20 – 22, 2012. Visit www.IMAworldconference.org to:

- Process your online [Registration](#). It's easy, safe and secure.
- Download the [Attendee Brochure](#) for a comprehensive outline of the Conference.
 - Check out the **Technical Program**. Review the list of Speakers and their scheduled topics of presentation.
 - Plan for your upcoming **Networking Opportunities**. Connect with Industry peers and friends.
 - Learn about the San Francisco area and read about the **Optional Tours**.
PLEASE NOTE: A minimum of 25 people must register for each tour by Monday, April 13 or the tours will be cancelled. Please sign up now!
 - **Wine Tour and Lunch** in Yountville of Napa Valley (Monday, May 21)
 - San Francisco's **Conservatory of Flowers Tour and Lunch** (Tuesday, May 22)
 - Print and Process your **Registration** form.
 - Get important **Travel** and **Lodging** information
- Download the [Exhibitor/Sponsor Opportunity Brochure](#) to find out how you can get more involved. Space is filling up quickly so please submit your [Commitment Form](#) today!
- Reserve your accommodations at **The Fairmont San Francisco** (Discounted prices available through April 29, 2012 so please make your reservation soon to take advantage of the special IMA rate).


IMA 69th Annual World Conference Exhibitors:



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The IMA Thanks Our 2012 Annual World Conference Level Sponsors:



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Spouse Welcome Reception



Closing Banquet

The World Magnesium Conference is the premier international **magnesium** conference that highlights the industry's latest technological advances, innovative applications, and emerging developments in the global marketplace. The conference combines informative technical sessions, exhibits, networking opportunities, as well as social activities and tours for a well-rounded industry experience. In addition, winners of the 2012 Awards of Excellence—IMA's competition recognizing outstanding **magnesium** products and innovative manufacturing technologies—will be announced during the World Magnesium Conference. Additionally IMA will recognize environmentally progressive and responsible companies in the 2012 International Environmental Responsibility Award competition.

As information about the 2012 World Conference becomes available, it will be reflected on the website www.imaworldconference.org and proactively sent out via targeted emails and the IMA Weekly Update.

We look forward to seeing you in May!

Standard Cancellation Policy

Conference Cancellations received by the IMA in writing by March 25 will qualify for a refund of 80%. Cancellations received by the IMA in writing by April 22 will qualify for a refund of 40%. No refunds will be given after April 22 due to Conference contractual service arrangements.

Any cancellations due to declined Visa applications will be refunded in full if the Visa application was submitted prior to March 15, 2012. Appropriate documentation is required. Cancellations due to declined Visa applications after March 15 will follow the standard cancellation policy noted above.

IMA European Magnesium Applications Seminar, Düsseldorf, Germany
Magnesium – The Innovative Light Metal

The 4th Bi-Annual European Magnesium Applications Seminar will be held in Dusseldorf, Germany from April 24 – 25, 2012 at the Holiday Inn Düsseldorf – City Centre, Königsallee.

Who should attend?

Professionals interested in learning about the latest **magnesium** advances in manufacturing production and design should attend this important event, including:

- Design engineers
- Material specification technicians
- Structural design engineers
- Product/component development engineers
- Purchasing professionals

Why magnesium?

Interest in **magnesium** and its many applications continues to grow as more design and engineering professionals discover the many advantages of this light metal. This seminar is organized to provide a global perspective of **magnesium**'s applications, technical advances and advantages to help you design and create better products. Today's **magnesium** information can be the answer to tomorrow's design challenges.

For Seminar Programme details and information about registration, exhibiting or hotel accommodations, please visit our website at http://www.intlmag.org/auto_eu.html.

INDUSTRY NEWS

US Magnesium Price Dips on Weaker Demand

www.metal-pages.com (23-Mar-2012)

The price of pure **magnesium** in the US has come under downside pressure as demand for metal slows due to conservative buying patterns among consumers, according to trade sources.

Business activity in the spot market has eased in the past several weeks as consumers live off contracted deliveries and remain cautious over volumes going into the second quarter.

US spot pure **magnesium** min 99.9% has now moved down to a range of \$2.00-2.15/lb delivered from a previous level of \$2.05-2.20/lb.

Prices were pushed higher last month as consumers dipped into the spot market to cover requirements amid stronger order books, particularly among suppliers into the automotive sector.

But trade sources report that concerns over holding excess inventory linger and some questions remain over the pace of the economic recovery.

"It's slower and should be busier for this time of year. There's really very little spot business again," said one trade source.

"The can sheet industry should be booming now but it's not really got going. We also hear that some guys are using manganese alloys rather than **magnesium**."

The run-up in gas prices and the ongoing debt crisis in Europe is possibly weighing heavy on the overall manufacturing sector, trade sources note.

"I think people are looking at the gas prices and getting concerned. Companies are also trying to keep very little inventory and only buy what they need," said the trade source.

Secondary 90/10 **magnesium** material is holding in a range of \$1.75-1.85/lb.

The **magnesium** market was supported earlier in the year by firmer volumes in the aluminum industry due to growth in the automotive and aerospace industries. But the aluminum extruding industry remains muted because of a slow recovery in the residential and commercial building industries.

It comes as US Magnesium LLC continues to ramp-up production, with the Utah-based company planning to increase production from about 60,000 tonnes to 63,500 tonnes by the middle of this year.

Trade sources also note that cheaper offers for **magnesium** from Malaysia-based CVM Minerals have slowly died down.

Magnesium is primarily used as an alloy with aluminum, accounting for some 45% of total world consumption. Another 35% is consumed in **magnesium** alloys in structural metals, about 13% in steel making, with the rest used in electro-chemical and other sectors.

Announcing Global Automotive Lightweight Materials 2012, Business Design Centre, London, UK

<http://www.global-automotive-lightweight-materials.com> (23-Mar-12)

IMA has been invited to partner with the Global Automotive Lightweight Materials Initiative that takes place April 25-26, 2012 in Central London, United Kingdom.

Designing and manufacturing a commercially viable lightweight vehicle, whilst maintaining structural performance, remains a top priority for the automotive industry, as they battle to meet stringent carbon emissions targets and fulfill consumer demands for highly fuel efficient vehicles.

However, significant cost barriers remain across the advanced lightweight materials cycle from procurement and manufacturing processes to end of life recycling. Clearly tackling these costs will be key to mass-market applications, in tandem with resolving the remaining technical challenges to ensure optimal part performance.

At the Global Automotive Lightweight Materials Initiative 2012 you will be able to join the lightweighting community to benchmark your gram strategy, examine best practices and discover innovative, commercially viable solutions for sourcing, integrating and manufacturing advanced lightweight materials.

This is your opportunity to find out actual results being delivered in weight savings, amongst a backdrop of candid debate on collaborative opportunities to enable widespread adoption of advanced lightweight materials and finding the most feasible routes to achieving scale.

Please note that Mr. Alex Markin, Managing Director of IMG (International Magnesium Group, a wholly owned subsidiary of IMA Member CD International Enterprises, Inc.) will be among the panel speakers at the event.

As an IMA Member, you can claim a 15% discount on the advertised rates. To claim this offer, please email info@london-business-conferences.co.uk or call ++ 44 (0)20 7033 4970.

EUROPE'S LATEST

Europe Magnesium Market Eases, Seen Slow **www.metal-pages.com 21-Mar-2012**

The European **magnesium** market has edged down amid quiet demand in the past couple of weeks, with prices losing \$50 off the top end of the current level and business conditions are seen persisting in the near term, dealers told Metal-Pages this week.

European spot **magnesium** prices are at \$3,050-3,100 a tonne basis delivered in-warehouse Rotterdam.

"The European market price is nominal in reality," a dealer told Metal-Pages.

"European consumers and traders have done most of their business through the next quarter and any new direction in market prices will be supply-driven."

World annual production of **magnesium** is about 430,000 tonnes and the figure is increasing annually as the lightweight properties of **magnesium** alloys are used increasingly in the car industry as a means of reducing weight, increasing fuel efficiency and cutting greenhouse gas emissions, according to the website of industry group the International Magnesium Association.

Chinese exporters said recently that European customers have been making only a few bids at some \$2,900/tonne basis FOB, some \$50 below the bottom end of current price offers of \$2,950-3,000/tonne.

However, no deals have been done yet, dealers said.

The car sector has been firm in Europe and the United States in recent months due to strong demand in China, India and other Asian countries.

Longer term **magnesium** business for delivery in Europe in the second half of last year, was settled at some \$3,150-250/tonne basis delivered.

just-auto Adds Automotive Material Trends Intelligence Service
www.prnewswire.com (19-Mar-2012)

just-auto's QUBE research platform is now adding a service dedicated to analyzing key trends in the use of materials in the auto industry.

As the automotive industry comes under increasing pressure to change the way it designs and builds vehicles, the materials used in vehicle production are at the center of efforts to reduce weight and improve fuel efficiency.

The new QUBE service will analyze automotive material trends being driven by the need for vehicles to incorporate components aimed at mass reduction, parts consolidation to reduce assembly costs and, increasingly, more efficient recycling at the vehicle's end-of-life.

just-auto/QUBE editor Dave Leggett highlights the rising strategic importance of the materials sector. "The vehicle makers' need to improve overall fuel economy in vehicles has led to the trend toward minimizing vehicle weight. The use of performance materials such as high-strength steel and aluminium is on the rise and heavier traditional materials, such as steel and iron, are being replaced whenever possible. There are also new materials and composites being developed for some applications. And now recycling is also coming into the equation. It is a fast-moving area, subject to both growing competitive and regulatory pressures."

The new materials service includes market size forecasts out to 2026 and a full analysis of all the companies involved. The service reviews and forecasts the main materials used in vehicle manufacture including steel, aluminum, plastics, iron and glass. In addition, it reviews the use of other materials such as organic, carbon fiber and **magnesium**.

CHINA'S LATEST

Chinese Minor Metals Weekly Roundup
www.metal-pages.com (23-Mar-2012)

Fugu Magnesium Group last week held a meeting with other **magnesium** producers in Shaanxi province and have agreed on a unified market price in the area of RMB16,500/tonne with cash payment and RMB17,000/tonne with payment bills.

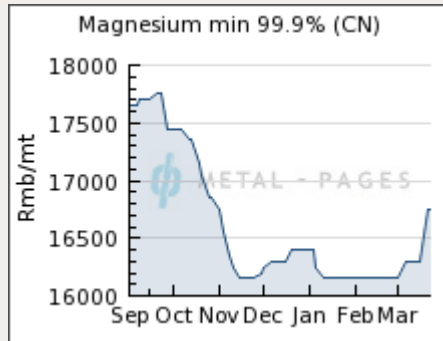
Despite there being no unified **magnesium** prices in the neighboring Shanxi province, producers there are set for higher price offers due to the latest move by their domestic rivals in Shaanxi province. Prices in Shanxi have increased to RMB16,700-17,000/tonne for cash payment.

China Magnesium Production Shifts to Shaanxi
www.japanmetalbulletin.com (19-Mar-2012)

Chinese **magnesium** supply shifts to Shaanxi recently. The refineries make **magnesium** as byproduct of industrial complex of coal mining, coke, tar and ferrosilicon. Traditional major **magnesium** makers in Shanxi lose the dominating position for past 10 years. A source in Japanese industry said some of refineries in Shanxi close the plants to shift the operation to Shaanxi. The source estimates Chinese **magnesium** production including ingot, alloy and powder was 620,000 tonnes in 2011 as 2010. The source estimates the production was 190,000 tonnes in Shanxi, 370,000 tonnes in Shaanxi and 40,000 tonnes in Ningxia. Shanxi made around 500,000 tonnes per year of **magnesium** in 2005 and 2006, which represented around 90% of Chinese production. However, many of the plants closed the operation. The industry source expects Shanxi's **magnesium** production is around 50,000 tonnes in 2012. Chinese major **magnesium** makers are based in Shanxi. The makers make **magnesium** by sourcing coke gas and ferrosilicon from other companies. A trading firm source said the model costs more than US \$3,100

per tonne compared with around US \$3,000 of **magnesium** market price. Shaanxi's **magnesium** refining capacity is annual 700,000 tonnes. The production is expected to exceed 500,000 tonnes in 2012. Japanese industry source expects the refineries' competition would get severe.

Magnesium min 99.9% price for 20 Mar 2012



Market 
Price 16,500.00 - 17,000.00
Previous 16,000.00 - 16,600.00
Change ▲ +2.69%



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