

WORLD ELASTOMER SUMMIT 2013

04-05 DECEMBER
LYON, FRANCE



NEW CHALLENGES & OPPORTUNITIES OF SYNTHETIC RUBBER MARKET

KEY TOPICS

THE MAJOR TRENDS OF
ELASTOMER VALUE CHAIN
FUNDAMENTALS

NEW PERSPECTIVES OF
ELASTOMERS FEEDSTOCKS

USING TECHNOLOGY TO
MEET CHINESE BUTADIENE
NEED

ELASTOMER GLOBAL
MARKET OUTLOOK

HOW BRIGHT IS THE
THERMOPLASTIC
ELASTOMERS FUTURE?

NATURAL RUBBER MARKET

NOVEL TECHNOLOGIES FOR
ELASTOMER AND SYNTHETIC
RUBBER PRODUCTION

OPPORTUNITIES AND
CHALLENGES IN CHINESE
TYRE INDUSTRY



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FOR MORE INFORMATION & REGISTRATION, CONTACT:
PIOTR BAZIUK, +48 616 469 780, PBAZIUK@ACIEU.NET

FOR INFORMATION ON AVAILABLE SPONSORSHIP AND COMMERCIAL OPPORTUNITIES CONTACT:
MAUREEN IGNACIO, +44 (0)20 7981 2508, MIGNACIO@ACIEU.NET

ACI's World Elastomer Summit 2013 will provide in-depth analysis of today's fundamental shift of global C4 olefins and elastomers markets. Globally, trade patterns for butadiene and related products will continue to shift as production of end-use products relocate to developing countries, mainly to China.

The emergence of China and the rest of the developing world as significant players in the automotive markets is causing much of the rapid demand growth for Butadiene and its derivatives.

Butadiene & derivatives are growing faster than feedstock supply so alternative production sources are emerging as on purpose butadiene production will start to become a major market driver later in this decade.

Finally, the event will address the latest technological advancements of S-SBR, PBR EVA production and investigate the impact of tyre labelling on the synthetic rubber market as a result of a more performance conscious market.

Confirmed Topics for Discussion:

- The Major Trends of Elastomer Value Chain Fundamentals
- New Perspectives of Elastomers Feedstock
- Using Technology to Meet Chinese Butadiene Need
- How Would the Strong Synthetic Rubber Demand Be Supplied?
- Metallocene-ethylene-based plastomers and elastomers (POP/POE) markets and trends
- How Bright is the Thermoplastic Elastomers Future?
- Natural Rubber Market: Should We Expect Historically high Prices in the Near Term as well?
- Opportunities & Challenges in Chinese Tyre Industry
- Tyre Label Regulation in EU



The two day conference will comprise a series of informative presentations combined with interactive Q&A sessions and discussions, allowing you to express your views as well as seek answers and advice from leading figures in the industry.

Call for Papers

If you would like to be considered as a speaker for the event with a 30-45 minute presentation, please submit an abstract for consideration to Sisi Yang:

+44 (0)20 3141 0647

syang@acieu.net

<http://www.acius.net>

Postal Address:
ACI Europe, 5/13 Great Suffolk Street, London, SE1

Registration is Simple

If you would like to register for this event or wish to find out more information, you can contact Piotr Baziuk by using any of the following methods:

+48 616 469 780

pbaziuk@acieu.net

<http://www.acius.net>

Postal Address:
ACI Europe, 5/13 Great Suffolk Street, London, SE1



Who Should Attend?

The event will attract elastomer industry players currently producing elastomers and interested in the latest advancements in elastomer production routes or seeking sector growth analysis. The conference will be invaluable for butadiene producers shifting toward elastomers, looking for alternative feedstocks or elastomer production technologies. If you are looking for a comprehensive progress update on the global elastomer value chain including a ten year market demand & growth outlook and the latest technology advancements look no further than ACI's World Elastomer Summit 2013.

Sponsorship and Exhibiting

Companies can gain direct access to our senior level audience and have an increased level of visibility through branding and networking at the conference. For information on available sponsorship and commercial opportunities, please Maureen Ignacio on:

+44 (0)20 3141 0608

mignacio@acieu.net

<http://www.acius.net>

Postal Address:
ACI Europe, 5/13 Great Suffolk Street, London, SE1

DAY 1

Wednesday 04th December 2013

08:00 REGISTRATION & COFFEE

09:00 CHAIRMAN'S OPENING ADDRESS

09:15 CONFERENCE PRESENTATION

The Major Trends of Elastomer Value Chain Fundamentals

- Global economic growth will be faster in the developing world, particularly China, offsetting slow growth in North America and Europe.
- Base energy prices will be relatively stable
- Ethylene crackers will continue to favour lighter feedstocks

10:00 SESSION ONE

New Perspectives of Elastomers Feedstocks

- Global Crude C4 overview and trends in Crude C4 production, when share of naphtha cracking is forecast to erode
- Strategic Outlook for global butadiene market
- China has become the centre of the global butadiene market and Middle East & India will increase supply
- Alternative renewable feedstocks for elastomer production
- Balancing C4 Olefin supply/demand with C4 trading

11:15 MORNING REFRESHMENTS

11:45 SESSION TWO

Using Technology to Meet Chinese Butadiene Need

- Butadiene Extractive distillation from Crude C stream
- On-purpose" production by dehydrogenation of n-butane or n-butenes

13:00 LUNCH

14:00 SESSION THREE

Elastomer Global Market Outlook

- Rationalisation of e-SBR capacity in mature markets of West Europe and new capacity additions in Northeast Asia due to the strong demand growth
- Future demand growth is expected to be strongest in Northeast Asia, where s-SBR is relatively new product, whilst West Europe is forecast to show slower growth
- Large tyre facilities came on stream in Y2012, which is expected to fuel Chinese demand for PBR

14:30

- Trends in the Global Ethylene Propylene Diene Rubber (EPDM) industry
- Metallocene-ethylene-based plastomers and elastomers (POP/POE) markets and trends
- Global future outlook of Ethylene-Vinyl Acetate (EVA): New capacity additions are expected in India

Peter Callais

Consulting Associate
Towsend Solutions

15:15

CONFERENCE PRESENTATION

Presentation Title to be Confirmed

Dr. Edward Casserly

Director, Refinery Research & Development
Ergon Refining Inc

16:00

AFTERNOON REFRESHMENTS

16:30

CONFERENCE PRESENTATION

How Bright Is the Thermoplastic Elastomers Future?

- Definition of thermoplastic elastomers and difference vs. conventional rubbers
- The most promising thermoplastic elastomer segments and potential growth rates
- Investigate the substitution of conventional rubbers with thermoplastic elastomers

17:15

ROUND TABLE DISCUSSIONS

Table 1:

- Will the strong tyre manufacturing demand hold up in China and India?

Table 2:

- How would the strong synthetic rubber demand be supplied?

Table 3:

- New Challenges & New Opportunities of Synthetic Rubber Feedstocks

18:15

CLOSE OF DAY ONE

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DAY 2

Thursday, 05th December 2013

08:30 **REGISTRATION & COFFEE**

09:00 **CHAIRMAN'S OPENING ADDRESS**

09:05 **SESSION FOUR**

Latest Advancements in Synthetic Rubber Production

- Emulsion Styrene Butadiene Rubber (e-SBR) production technology
- Solution Styrene Butadiene Rubber (s-SBR) production technology
- The evolution of s-SBR technology with the position of the major technology owners
- What are the main differentiation criteria's between diverse s-SBR technologies?
- Polybutadiene Rubber (PBR) production technology

10:55 **MORNING REFRESHMENTS**

11:25 **SESSION FIVE**

Inline Optical Sorting of Elastomer Pellets and Crumbs - Beyond Pellet Sampling and Bale Visual Inspection

- Application description: TPE pellets and synthetic rubber crumbs
- Product handling: taming bouncy materials
- Defects and associated detection technologies
- Comparison of optical sorting with common quality control procedures

Pieter Willems
Market Unit Manager
TOMRA Sorting NV

12:40 **CONFERENCE PRESENTATION**

Tyre Label Regulation in EU

- What is Tyre Labelling?
- Investigate the advent of tyre labelling and the impact on the synthetic rubber market as a result of a more performance conscious market
- How significant will be the expected penetration of the s-SBR, PBR grades within synthetic rubber market, as a result of the tyre labelling?
- Will the U.S. choose to adopt a similar system?

13:25 **LUNCH**

14:25 **SESSION SIX**

The Global Market Dynamics of Process Oil Used by Synthetic Rubber Producers

- The role of process oil in rubber production
- How do Nynas oils work in today's polymers? (case study)
- Interregional trade opportunities

Thorsten Lutze
Marketing Manager Tyre Oils
Nynas AB

14:55 **Natural Rubber Market: Fact or Fiction**

- Looking to the future, natural rubber demand is expected to remain strong in China & India
- No significant additional supply as there are planting area limits and varying yields in Thailand, Malaysia, Indonesia
- Should we expect historically high prices in the near term as well?

15:40 **CONFERENCE PRESENTATION**

Non-Tyre Application of Synthetic

- Addressing the market growth of non-tyre applications and synthetic rubber demand
- Cost effective alternatives of Butadiene-based rubbers
- Key technological advances and impact on synthetic rubber industry

16:25 **AFTERNOON REFRESHMENTS**

16:55 **SESSION SEVEN**

Opportunities & Challenges in Chinese Tyre Industry

- Vehicle sales in China are predicted to increase dramatically in the long run, although they will experience headwinds in the near future due to a slowdown in the economy
- What should we expect for tyre raw material prices for the next year? (Commodity vs. Specialty s-SBR price difference)
- China will be more and more important to the tire companies' financial outcome as its real GDP is forecast to grow at one of the fastest rates in the world

17:25 **Assessing The Opportunities and Challenges of Automotive Industry**

- Future trend in global vehicle demand
- Challenges in global automotive production
- Understanding the tyre market & drivers

18:10 **CHAIRMAN'S CLOSING ADDRESS**

18:20 **CLOSE OF CONFERENCE**

Join Our Panel of Speakers

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| | |
|---|-----------|
| Conference (Includes Documentation Packet) 04th & 05th December 2013 | £1,495.00 |
| Documentation Packet Only | £420.00 |

Please Note.

Members and customers of all supporting organisations are entitled to a discount off their conference package.

Documentation Packet Available

We are selling World Elastomer Summit 2013 papers at just £395 (+£25 P&P). Simply tick the box on the booking form, send it with payment and your copy will be on its way to you after the meeting. This important manual will be a source of invaluable reference for the future.

About ACI

ACI, a UK owned company, have been running successful conferences for the last 15 years in the USA. Headquartered in Chicago with offices all around the States, they run forums in varied fields and are market leaders in healthcare business conferences. Opening their European head office at the end of 2005, they have expanded rapidly and are launching a series of events covering maritime, energy, oil & gas and chemical industries.

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Cancellations

Substitutions are welcome up to 24 hours prior to the event. Cancellations must be received in writing no less than 3 weeks prior to the start of the conference; a full credit voucher towards a future ACI conference will be issued. Any cancellation received less than 3 weeks prior to the start of the event shall be deemed to be a breach of this contract by client, and accordingly, no credits will be given. Cancellations must be received in writing by mail or fax three weeks before the conference. Thereafter the full conference fee is payable. If for any reason ACI Europe Ltd decides to amend, cancel or postpone this conference, the conference fee will not be refunded. Furthermore, ACI Europe Ltd will not be responsible for covering airfare, hotel or other costs incurred by registrants. In the event that ACI Europe Ltd cancel or postpone the event, ACI Europe Ltd reserves the right to transfer this booking to another conference to be held in the following twelve months, or to provide a credit of an equivalent amount to another conference within the following twelve months. The construction, validity and performance of this agreement shall be governed in all respects by the laws of England to the exclusive jurisdiction of whose courts the Parties hereby agree to submit.