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Vancouver, Canada | April 11-13, 2016



THE SULPHUR INSTITUTE'S
**SULPHUR WORLD
SYMPOSIUM 2016**
VANCOUVER, CANADA

As the World Turns: What's next for the energy markets?

Josh McCall, BP North America Gas and Power

Presentation | Abstract

Global Economic Outlook

Richard Koss, International Monetary Fund

Presentation | Abstract

Metals Market / Leaching Outlook

Peter Harrison, CRU Group

Presentation | Abstract

Dry Bulk Freight Market — A Survival Mode Perspective for All Participants

Brian Malone, MID-SHIP Group

Presentation | Abstract

Navigating North American Transportation Regulations for Sulphur/Sulphuric Acid

Harold Weber, The Sulphur Institute

Presentation | Abstract

Hydrogen Sulphide — Training Personnel to Work Safely

Chuck Simpson, CSP, Epic Brokers

Presentation | Abstract

Safe Handling and Storage of Sulphuric Acid

Scott King, Westway Terminal Company

Presentation | Abstract

Private/Public Partnering During Emergency Response

Josh Berg, Savage Services, Inc.

Amy Blanton, Chemours

Joe McCann, CSX Transportation, Inc

Josée Boudreau, Transport Canada

Presentation | Abstract

Mosaic's Sulphur Melter in Florida

Hermann Wittje, The Mosaic Company

Mark Gilbreath, Devco USA LLC

Presentation | Abstract

Shah Project Update: From Sand to Sulphur

Patricia Worries, Enersul Inc.

Presentation | Paper | Abstract

Global Phosphate Supply and Demand

Jeff Holzman, PotashCorp

Presentation | Abstract

Global Sulphur and Sulphuric Acid Outlook

Meena Chauhan, Integer Research Ltd.

Presentation | Abstract

Sulphur World Symposium 2015

Barcelona, Spain | April 20 - 22, 2015



President's Welcome

Robert McBride, The Sulphur Institute
Presentation

Introductory Remarks

Antonio Portela Estévez, Repsol
Presentation

Global Energy Outlook - The Peril of Forecasting

Francis Osborne, Argus Media Limited
Abstract | Presentation

The European Refinery Industry: At A Crossroads

Marina Ivanova, Douglas Westwood
Abstract | Presentation

Sulphur Developments in Turkmenistan

Tom Smith, Sandvik Process Systems
Abstract | Presentation

Caprolactam Market Review and Implications

Leon Muijtjens, DSM Fibre Intermediates
Abstract | Presentation

Dry Bulk Freight Market - Charterers'

Perspective Derek Langston, Simpson, Spence &
Young (SSY) Abstract | Presentation

Dynamics of the Sulphur Supply

Chain Craig Jorgenson, The Sulphur
Institute Abstract | Presentation

Update on OCP's Phosphate Development

Program Youssef Bouslikhanem, Office Chérifien des
Phosphates (OCP) Abstract | Presentation

Global Sulphur Outlook

Brendan Daly, CRU International
Abstract | Presentation

Closing Remarks

John Cavo, Trammo, Inc.
Presentation

Sulphur World Symposium 2014

Long Beach, United States | April 7 - 9, 2014



THE SULPHUR INSTITUTE'S
**SULPHUR WORLD
SYMPOSIUM 2014**
Long Beach, California, USA

Energy Outlook -- Implications for Sulphur

Bill Sanderson, IHS Downstream Energy Research and Consulting
Abstract | Presentation

Oil Sands Outlook

Derek Allen, Suncor Energy Marketing
Abstract | Presentation

Recalibrating Key Natural Gas Supply, Demand and Market Issues in North America

Chris McGill, American Gas Association
Abstract | Presentation

Hydrogen Sulphide: Regulations and Workplace Safety

Chuck Simpson, WorkSafe International, LLC
Abstract | Presentation

Regulations Governing Safe Transportation of Dangerous Goods Within North America

William Schoonover, US Department of Transportation
Abstract | Presentation

Improvements in Molten Sulphur Cargo Tank Transportation

Neil McInnis, Schiber Truck Company, Inc.
Abstract | Presentation

Madagascar Project Summary

Glenn Scott, Sherritt Metals
Abstract | Presentation

Sulphuric Acid Logistics

Jack Weaverling, Shrieve Chemical Company
Abstract | Presentation

Sulphuric Acid in Ore Leaching

Richard Hands, BCInsight
Abstract | Presentation

Bulk Freight

Klaus Larsen, Ultrabulk (USA), Inc.
Abstract | Presentation

US Refiners' Crude Feed

Suzanne Minter, Bentek Energy
Abstract | Presentation

Phosphate Fertilizer Outlook

Mike Rahm, The Mosaic Company
Abstract | Presentation

Sulphur and Sulphuric Acid Supply and Demand

Meena Chauhan, Integer Research Limited
Abstract | Presentation

Sulphur World Symposium 2013

Beijing, China | April 22 - 24, 2013

Global Economic Outlook

Robert T. McGee, U.S. Trust Bank of America
Abstract | Presentation (English and Chinese)

Heavy Oil Refining Outlook

Zhang Yong, BAIINFO
Abstract | Presentation (English and Chinese)

Fertilizer Manufacturing Trends in China

Dong Xiaozhou, Sinochem Fertilizer Co., Ltd.
Abstract | Presentation (English and Chinese)

Phosphate Fertilizer Market Outlook

Mike Nash, Argus Media
Abstract | Presentation (English and Chinese)

The Puguang Gas Plant

David Savage, Decvo
Presentation (English and Chinese)

Sulphur and Sulphuric Acid Production, Logistics and Industrial Uses within China

Wu Xuemei, China Sulphuric Acid Industry Association
Abstract | Presentation (English and Chinese)

Chinese Sulphur Imports and an Overview of the Dry Cargo Freight Market

Sean Banker, MID-SHIP Marine LLC
Abstract | Presentation (English and Chinese)

Sulphur as a Fertilizer

Wesley Haun, H.J. Baker & Bro. / Triger-Sul Products
Abstract | Presentation (English and Chinese)

The Future for Plant Nutrient Sulphur in China

Donald Messick, The Sulphur Institute
Abstract | Presentation (English and Chinese)

Sulphur and Sulphuric Acid Supply and Demand

Freda Gordon, ICIS The Market
Abstract | Presentation (English and Chinese)



Sulphur World Symposium 2012

Antwerp, Belgium | April 22 - 25, 2012

Situation and Outlook for Sulphur and Phosphates in India

Dr. D.S. Yadav, The Fertiliser Association of India

Abstract | Presentation

Role of Sulphur in China's Agriculture: Opportunities and Challenges

Steven Liu, Sinochem Fertilizer Co., Ltd.

Abstract | Presentation

Developments and Prospects in the Phosphate Fertilizer Market

Monica Bianchi Baker, Integer Research Ltd.

Abstract | Presentation.

Sulphur and Sulphuric Acid Supply and Demand

Freda Gordon, ICIS The Market

Abstract | Presentation

Use of Sulphuric Acid in Metals Ore Leaching: Latest Developments and Trends

Richard Hands, BCInsight

Abstract | Presentation

The Outlook for Energy: A View to 2040

Todd Onderdonk, Exxon Mobil Corporation

Abstract | Presentation

Global Economic Situation

Valerie Plagnol, Credit Suisse Private Banking

Abstract | Presentation

European Sulphuric Acid Industry

Peng Paternostre, European Sulphuric Acid Association

Abstract | Presentation

Fertilizer Outlook in the United States

Dr. Harry Vroomen, The Fertilizer Institute

Abstract | Presentation

Industrial Phosphates and Feeding a Growing World Population

Yves Caprara, Prayon S.A.

Abstract | Presentation



Sulphur World Symposium 2011

New York, United States | April 11 - 14, 2011



Global Economic Outlook

Robert Wescott, Keybridge Research LLC | Presentation

Global Energy Future

Steven Kopits, Douglas-Westwood Ltd | Presentation

Food and Development Challenges: Public/private/NGO Collaboration to Address Agricultural Issues

Rob Bertram, United States Agency for International Development | Presentation

The Sulphur Market Outlook

Fiona Boyd, ICIS/Pentasul | Presentation

Status of Sulphur in Soils of North America and Other Regions

Terry Roberts, International Plant Nutrition Institute | Presentation

Making Inroads with Sulphur-Based Concretes

Paul Kalb, Brookhaven National Laboratory | Presentation

The Role of the FSU in the Global Sulphur Market

Dick van Meurs, ICEC Limited | Presentation

The Global Phosphate Outlook

Michael Rahm, Mosaic Fertilizer LLC | Presentation

World Phosphate Rock Reserves and Resources

Steven Van Kauwenbergh, International Fertilizer Development Center | Presentation

Development of China's Phosphate Fertilizer Industry and Its Impact on Demand of Sulphur Resource

Tang Jianwei, Zhengzhou University | Presentation

Situation and Outlook for Sulphur and Phosphates in India

R.K. Tewatia, The Fertiliser Association of India | Presentation | Paper

The Chilean Sulphuric Acid Market Through 2020

Vincente Perez, Comision Chilena del Cobre | Presentation | Paper

Sulphur in Russia

Andrey Kremnev, Gazprom Export LLC | Presentation

The Status and Outlook for the Marine Dry Bulk Industry

Derek Langston, SSY Consultancy & Research | Presentation

Biofuels: Situation and Issues

John Urbanchuk, Cardno ENTRIX | Presentation

Outlook and Update on Sulphur Fertilizer Use in Brazil, Argentina and Other Southern Cone Countries

Martin Torres Duggan, Tecnoagro S.R.L. | Presentation | Paper

Environmental, Health and Safety Considerations in the Sulphur Industry

Jason Sanders, Savage Services Corporation | Presentation

Sulphur Fertilizer Pastillation: Development of a Continuous Manufacturing Process

Kumar Swamy, Sandvik Process Systems | Presentation | Paper

The Status of Marine Scrubbing Technology to Reduce Sulphur Dioxide Emissions

Don Gregory, Exhaust Gas Cleaning Systems Association | Presentation

Sulphur World Symposium 2010

Doha, Qatar | April 12 - 15, 2010

Chair Address

Hermann Wittje, Mosaic Fertilizer LLC
Presentation

Global Economic Outlook

Marios Maratheftis, Standard Chartered Bank
Abstract

Global Oil and Gas Prospects

John Westwood, Douglas-Westwood Ltd.
Presentation

The Role of Fertilizers in Global Food Security and Climate Change

Luc Maene, International Fertilizer Industry Association
Presentation

The Sulphur Market Outlook

Mike Kitto, British Sulphur Consultants
Presentation

The Ras Laffan Sulphur Facility

Al Mohannadi, Qatar Gas
Presentation

The Outlook for Sulphur in Qatar

Saad Al Kuwari, Tasweerq
Presentation

The Global Phosphate Outlook

Al Mulhall, Potash Corporation of Saskatchewan
Presentation

China's Phosphate Fertilizer and Sulphuric Acid Industry: Situation and Outlook

Yan Qi, Chinese Sulphuric Acid Industry Association
Presentation

Indian Phosphate and Sulphur Scenario: An Update

Raza Soomar, RNZ International
Presentation

Sulphur in Marine Fuels: An Update

Michael Corke, Purvin & Gertz
Presentation

Global Clean Coal: Gasification and Liquefaction - Its Impact on Sulphur Markets

Max Weiss, Lurgi GmbH
Presentation

Environmental Issues Challenging the Sulphur Industry

Jack Cohn, Savage Services Corporation
Harold Weber, The Sulphur Institute
Presentation

The Sulphur Institute's



April 12 - 15, 2010
Doha, Qatar

Sulphur Extended Asphalt as a Major Outlet for Sulphur That Outperformed Other Asphalt Mixes in the Gulf

Mohammed Al Mehthel, Saudi Aramco
Presentation | Paper

Innovative Solutions for Sulphur in Qatar

Marwa Al Ansary, Qatar Shell Research and Technology Center
Presentation | Paper

Sulphur Use in Nickel Ore Leaching: Trends

Simon Purkiss, European Nickel PLC
Presentation

Sulphur Challenges, North Caspian Sea

Tom Valore, AgipKCO
Presentation

Zinc Sulphate - A Solution to Global Deficiency Problems

Andrew Green, International Zinc Association
Presentation

Sulphur Storage in Subterranean Caverns

Roy Pickren Crescent Technology, Inc.
Presentation | Paper

Biofuel Trends and Likely Impacts on Fertilizers, Fossil Fuels and Sulphur

Chris de Brey, The Sulphur Institute
Presentation

Closing Remarks

Hermann Wittje, Mosaic Fertilizer LLC
Presentation

Sulphur World Symposium 2009

Madrid, Spain | March 20 - April 2, 2009

China Phosphate Fertilizer Industry

Duan Changsheng, Sinochem Fertilizer Co., Ltd.
Presentation

China Sulphur Balance and Outlook

Bruce Weaver, PRISM Sulphur Corporation
Presentation

Coal-to-Liquids and its Impact on Sulphur

Max Weiss, Lurgi GmbH
Presentation

An Overview of Developments Concerning the Storage and Sequestration of Sulphur

P. Davis et al, Alberta Sulphur Research Ltd. (ASRL)
Presentation

Fertilizer Use and Promotion of Sulphur Fertilizer in Chinese Agriculture

Gao Xiangzhao, Ministry of Agriculture, China
Presentation | Paper

Financial Crisis and Economic Recession

Manuel Balmaseda, CEMEX
Presentation

First to Second Generation Biofuels

Pierpaolo Cazzola, International Energy Agency
Presentation

The Global Development of New Sulphur Based Fertilizers

Jeff Ivan, Tiger-Sul Products
Presentation

Global Energy Outlook

Steve Robertson, Douglas-Westwood Ltd
Presentation

Global Food Crisis Requires Innovative Solutions

Karen Sendelback, Friends of the World Food Program (WFP)
Presentation

Global Phosphate Perspectives

Hermann Wittje, Mosaic Fertilizer LLC
Presentation

Globalization of Standards and the Impact on the Sulphur Industry

Anne-Laure Saint Girons, Keller and Heckman LLP
Presentation

Indian Fertilizer Policy Scenario - Impact on Phosphate and Sulphur

R.C. Gupta, Fertiliser Association of India
Presentation | Paper

The Sulphur Institute's



March 30 - April 2, 2009
Madrid, Spain

Low Sulphur Marine Fuel Demand; Refining and Supply Challenges

Rob Cox, IPIECA
Presentation

The Phosphate Industry in Brazil

Carlos Heredia, Bunge Fertilizantes S.A.
Presentation | Paper

Producing Metal and Sulphuric Acid

Chris de Brey, The Sulphur Institute
Paper

Southern Africa Soil Sulphur Deficiency and Growth Options

Doug Aylward, Chemical Initiatives
Presentation

Sulphur from Alberta's Oil Sands and Natural Gas

Farhood Rahnama, Alberta Energy Resources
Conservation Board
Presentation

Supply-Demand Factors in the Global Fertilizer Industry

Harry Vroomen, The Fertilizer Institute
Presentation

The War for Talent and What It Means to the Sulphur Industry

Greg Duerksen, Kincannon & Reed Global Executive
Search
Presentation | Paper

Trade and Logistics of Sulphuric Acid in Western Latin America

Marcelo Gutiérrez G., Interacid Trading S.A.
Presentation | Paper

Understanding the Critical Dry Bulk Freight Factor

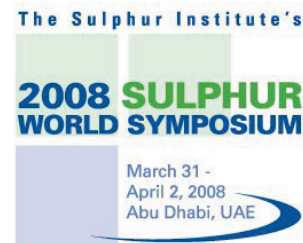
John Carter, Alansons Shipping Ltd.
Presentation | Paper

World Sulphur Outlook

Barry Clarke, PentaSul
Presentation

Sulphur World Symposium 2008

Abu Dhabi, UAE | March 31 - April 2, 2008



Antitrust Enforcement in a Changing World

Anne Riley, Shell International Ltd.

Presentation | Paper

Basic Sulfur Production Technology and Selection

Kevin Boltz, Jupiter Sulphur L.L.C.

Presentation | Paper

Biofuels and the Global Agricultural Outlook

Merritt Cluff, FAO

Presentation

China Sulphur and Sulphuric Acid Industries: Production, Demand and Outlook

Yan Qi, China Sulphuric Acid Industry Association

Presentation

Climate Change: A Proactive Analysis for the Petroleum Industry

Paul Hardisty, Worley Parsons

Presentation

Development of China's Phosphate Fertilizer Industry and its Impact on Sulphur Demand

Changsheng Duan, SinoChem International Fertilizer Trading Corporation

Presentation | Paper

Global Clean Coal/Petcoke: Developments and Effects on Sulphur

Ben Ziesmer, Jacobs Engineering

Presentation

Global Energy Outlook

Michael Corke, Purvin & Gertz, Inc.

Presentation

Global Prospects for Sulphur Fertilizers

Ming Xian Fan and Donald Messick, The Sulphur Institute

Presentation | Paper

Hydrogen Sulphide: Business Challenges

Charles Simpson, WorkSafe International LLC

Presentation | Paper

Indian Fertilizer Scenario: Impacts on Phosphate and Sulphur

R.C. Gupta, Fertiliser Association of India

Presentation

International Regulation of Formed, Solid Sulphur

Daniel Brock, Fasken Martineau LLP

Presentation | Paper

Middle East and FSU Supply Outlook

Ian Service, Fertecon Research Centre, Ltd.

Presentation

Nickel-Cobalt Leaching: Current Situation and Outlook

Mike Kitto, British Sulphur Consultants

Presentation | Paper

North American Sulphur Scene

Terry Draycott, PRISM Sulphur Corporation

Presentation

Outlook for Global Agriculture and Fertilizer Demand

Patrick Heffer, Internal Fertilizer Industry Association

Presentation | Paper

The Outlook for Hydrofluoric Acid: Effects on the Sulfur Industry

Ray Will, SRI Consulting

Presentation

Solutions to Responsible Energy Development and Sulphur

Egbert Veldman, Shell International Petroleum Co., Ltd.

Presentation

Sulphur in Marine Fuels: the Ongoing Debate

Robin Meech, Marine and Energy Consulting Ltd.

Presentation

Symposium Wrap-up: The Way Forward

Ken Schoor, The Sulphur Institute

Presentation

The Phosphate Outlook

Hermann Wittje, Mosaic Fertilizer, LLC

Presentation

World Economic Situation and Outlook

Dan North, Euler Hermes ACI

Presentation

Sulphur World Symposium 2007

Amsterdam, The Netherlands | March 26 - 28, 2007



Alternative Fuels: Impacts on Sulphur Supply and Demand

John Urbanchuk, LECG LLC
Presentation

China's Maturing Fertilizer Industry: Impacts on Sulphur

M.X. Fan, The Sulphur Institute
Presentation

Climate Change

Tauna Szymanski, Hunton & Williams
Presentation

The Future of European Agriculture

Dr. Jacques Neeteson, Wageningen University and Research Center
Presentation

Global Asphalt (Bitumen) Industry Overview and Outlook

Egbert Beuving, European Asphalt Pavement Association
Presentation

Global Energy Outlook

Steve Robertson, Douglas Westwood
Presentation

Global Phosphate Picture

Hermann Wittje, The Mosaic Company
Presentation

Hydrogen Sulphide Challenges Everyone's Business

Jack Cohn, Savage Services Corporation
Presentation

Impacts of REACH on European Sulphur Industry

Lothar Kistenbruegger, Concawe
Presentation

Indian Fertilizer Policy and Outlook: Impacts on Phosphate and Sulphur

R.C. Gupta, Fertiliser Association of India
Presentation | Paper

Introductory Remarks

Robert Morris, The Sulphur Institute
Presentation

Marine Fuels: Impacts of Declining Sulphur Content on Sulphur Industry

Donald Gregory, BP Marine and Aviation Fuels
Presentation

New Ground for Sulphur Fertilizers

Donald Messick, The Sulphur Institute
Presentation

New Opportunities for Sulphuric Acid: Land Modification

R.D. Schuiling, General Director, Institute of Geoscience, Utrecht University
Presentation

Oil & Gas Development in the Middle East and FSU and Their Impacts on Sulphur

John Barry, Shell International E&P
Presentation

Opportunities for Sulphur Construction Materials

Paul Kalb, Brookhaven National Laboratory
Presentation

The Status and Prospects for Caprolactam

Barry Davies, CMAI Europe
Presentation | Paper

Sulphur - Stopping Criminals in Their Tracks

Charles A. Wysocky, Altoona Police Department
Presentation

Sulphur Lights

Clive Wing, Island System
Presentation | Paper

Sulphur Marine Transport: The Status of Vessels and Port Facilities

Pawel Szykaruk, Polish Steamship Company
Presentation | Paper

Sulphur Outlook in Canada

Kevin Stone, Natural Resources Canada
Presentation | Paper

Sulphur Use in Ore Leaching

Geoff Mason, St. Barbara Consultancy Services
Presentation | Paper

Symposium Wrap-up: What Lies Ahead?

Robert Morris, The Sulphur Institute
Presentation

World Economic Prospects

Valérie Plagnol, CM-CIC Securities
Presentation