THE THIRTEENTH ANNUAL
CARBON CAPTURE, UTILIZATION & STORAGE CONFERENCE

Accelerating Deployment to Meet New CO₂ Emission Reduction Mandates

April 28 - May 1, 2014
David L. Lawrence Convention Center | Pittsburgh, Pennsylvania

Keynote Speakers…

The Honorable Phil Bryant, Governor, The State of Mississippi
The Honorable Diana McQueen, Minister of Energy Province of Alberta, Canada
The Honorable David Freudenthal, (former Governor) The State of Wyoming
Ed Holland, Chief Executive Officer, Mississippi Power

Featuring…

Peter W. Davidson, Executive Director, U.S. Department of Energy Loan Programs Office
Julio Friedmann, Deputy Assistant Secretary for Coal, U.S. Department of Energy Fossil Energy
The Honorable Terry Burton, Senator, The State of Mississippi Chairman, Energy Committee
Ken Humphreys, CEO, FutureGen Alliance
Ashley Ibbett, Director & Chief Executive of the Office of Carbon Capture & Storage, U.K. Department of Energy & Climate Change
Brendan Beck, Manager, South African Centre for Carbon Capture & Sequestration
Abdulaziz O. Al-Kaabi, Chief Technologist, Reservoir Engineering Technology, EXPEC Advanced Research Center, Saudi Aramco
Barry Worthington, Executive Director, U.S. Energy Association World Energy Council
Victor Der, General Manager-Americas, Global CCS Institute
Edward Rubin, Professor, Carnegie Mellon Univ.; Member, U.N. IPCC
Ben Yamagata, Executive Director, Coal Research Utilization Council
Vello Kuuskraa, President & Board Chair, Advanced Resources Int’l
Steve Melzer, President, Melzer Consulting

With Special Workshops on:
• Public Outreach/Education
• Requirements, Information Needs, Issues Facing PUCs
• Carbon Capture Technology Demonstration Center Activities

For Information Call 1-877-303-7367 ext. 109 or Email: carbonsq@exchangemonitor.com

In Coordination With…

Cooperating Organizations…
AGENDA (Advance)

Monday, April 28

1:30 REGISTRATION OPENS
EXHIBIT HALL OPENS

6:00 WELCOME RECEPTION

7:00 WELCOME DINNER

Tuesday, April 29

7:00 CONTINENTAL BREAKFAST

8:00 WELCOME

Edward Helminski, President
ExchangeMonitor Publications & Forums; Conference Chair

8:05 OPENING KEYNOTE PLENARY

MODERATOR: Edward Helminski, President, EM Publications & Forums

The Honorable Phil Bryant
Governor, The State of Mississippi

The Honorable David Freudenthal, (former Governor), The State of Wyoming

The Honorable Diana McQueen
Minister of Energy, Province of Alberta, Canada

Ed Holland, Chief Executive Officer, Mississippi Power

OPEN DISCUSSION

11:15 Selected Major Large CCUS/CCS Projects in the U.S.

MODERATORS: Tom Sarkus, U.S. DOE-NETL; Ken Nemeth, Executive Director, SSSEB

Eliminating CO₂ Emissions from the Production of BioFuels—A ‘Green’ Carbon Process

Scott McDonald, Director Biofuels Development; Project Director, IL-ICCS Project, Archer Daniels Midland Co.

Rob Finley, Principal Geologist & Director, Advanced Energy Technology Initiative Illinois State Geological Survey

FutureGen...

Ken Humphreys, CEO
FutureGen Alliance

(Speaker from Basin Electric Power Cooperative)

OPEN DISCUSSION

12:30 LUNCH

1:30 CONCURRENT SESSIONS

For Papers & Posters visit www.carbonsq.com

3:30 COFFEE BREAK

3:50 CONCURRENT SESSIONS

5:30 POSTER SESSION BEGINS; AUTHORS PRESENT

6:10 CONCURRENT SESSIONS END

6:10 COCKTAIL RECEPTION

7:30 POSTER SESSION ENDS

Wednesday, April 30

7:00 CONTINENTAL BREAKFAST

8:00 OPENING KEYNOTE PLENARY

A Global Perspective of CCS/CCUS

Victor Der, General Manager-Americas; Global CCS Institute

OPEN DISCUSSION

11:05 Developing the Necessary Performance Data to Facilitate Acceptance and Commercial Deployment of Capture Technology Systems—The Major Global Capture Technology Centers

MODERATOR: John T. Litynski, U.S. DOE-Fossil Energy
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>5:30</td>
<td>POSTER SESSION BEGINS; AUTHORS PRESENT</td>
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<td>CONCURRENT SESSIONS END</td>
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<td>MODERATOR: Edward Helminski, President, EM Publications &amp; Forums</td>
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<td>Barry Worthington, Executive Director, U.S. Energy Association</td>
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<td>8:25</td>
<td>OPEN DISCUSSION</td>
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<td>12:05</td>
<td>Further Advancing the New Paradigm for CO₂ as a Commodity—Air Capture</td>
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<td>Ashley Ibbett, Director &amp; Chief Executive of the Office of Carbon</td>
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<td>Capture &amp; Storage, U.K. Dept. of Energy &amp; Climate Change</td>
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<td>Abdulaziz O. Al-Kaabi, Chief Technologist, Reservoir Engineering</td>
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<td>Technology, EXPEC Advanced Research Center, Saudi Aramco</td>
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<td>Brendan Beck, Manager South African Centre for Carbon Capture &amp;</td>
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<td>Sequestration</td>
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<td>A ROUNDTABLE—Views on Deploying the Necessary Components for Utilizing</td>
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<td>Anthropogenic CO₂ for EOR</td>
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<td>The Ingredients of a Realistic Path Forward to Reduce the Release of</td>
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<td>Anthropogenic CO₂ to the Atmosphere While Allowing the Long Term</td>
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<td>Utilization of Global Fossil Resources</td>
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<td>Edward Rubin, Professor Engineering and Public Policy and Mechanical</td>
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<td>Engineering, Carnegie Mellon University; Member of the U.N.</td>
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<td>Intergovernmental Panel on Climate Change</td>
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<td>CONFERENCE ADJOURNS</td>
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Partnering Organizations (as of 3/31/14)...

Contact Us If Your Company Is Interested in Joining the Team at 202-296-2814 ext. 109
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The weekly GHG Reduction Technologies Monitor provides you with the news and insight to plan your business strategies and future actions. The focus is on the development of systems and technologies that will allow operations that inherently produce greenhouse gases to continue and adapt. Areas covered include fossil-fueled electricity generation, cement production, steel manufacturing, food production and other processes that need to be maintained in the foreseeable future in a decarbonized economy.

Subscribe NOW at www.ghgnews.com

Registration opens at 3:00 p.m. Monday, April 28, followed by a Reception/Dinner beginning at 6:00 p.m. The opening Plenary is at 8:00 a.m., Tuesday, April 29. The Forum ends at 1:00pm Thursday, May 1.

Registration Fees:
General Registration [Includes Federal Contractors] ........................................ $1,295.00
Federal, State and Local Government Employees (non-speakers) .............................. $595.00
Academic Organizations ................................................................. $595.00
Electric Utility Employees ................................................................. $695.00
Add a subscription for GHG Reduction Technologies Monitor (at a savings of up to $200) ........ +$195

Add $200.00 to all fees after March 28, 2014

Special Discounted Fees for Multiple Registrations (4 or more) available.

(Registration includes: three continental breakfasts, two lunches, three receptions, a dinner, a copy of the Participant Resource Book, Participant Directory and a CD copy of the Proceedings.)

Payment/Cancellation Policy: Anyone who registers and cancels after April 11 is subject to a $200.00 service fee. Fees paid will be forfeited for non-attendance or cancellation after April 18. Substitutions welcome.

REGISTER ONLINE AT: www.carbonsq.com