E-Gas™ Technology
2013 Outlook

Phil Amick, Director Gasification Business Development
October 14, 2013
Colorado Springs, Colorado
CB&I wins the 8 month sale process to acquire the E-Gas Technology from the newly formed Phillips 66 Company.

CB&I (NYSE: CBI) is the most complete energy infrastructure focused company in the world and a major provider of government services.

One of the most complete providers of services including design, engineering, construction, fabrication, maintenance and environmental services.

E-Gas is a part of the Lummus Technology group within CB&I.
This presentation contains forward-looking statements regarding CB&I and represents our expectations and beliefs concerning future events. These forward-looking statements are intended to be covered by the safe harbor for forward-looking statements provided by the Private Securities Litigation Reform Act of 1995. Forward-looking statements involve known and unknown risks and uncertainties. When considering any statements that are predictive in nature, depend upon or refer to future events or conditions, or use or contain words, terms, phrases, or expressions such as “achieve”, “forecast”, “plan”, “propose”, “strategy”, “envision”, “hope”, “will”, “continue”, “potential”, “expect”, “believe”, “anticipate”, “project”, “estimate”, “predict”, “intend”, “should”, “could”, “may”, “might”, or similar forward-looking statements, we refer you to the cautionary statements concerning risk factors and “Forward-Looking Statements” described under “Risk Factors” in Item 1A of our Annual Report filed on Form 10-K filed with the SEC for the year ended December 31, 2012, and any updates to those risk factors or “Forward-Looking Statements” included in our subsequent Quarterly Reports on Form 10-Q filed with the SEC, which cautionary statements are incorporated herein by reference.
Overview

- Focus on safety: 0.01 LTI in 2012
- 50,000 employees worldwide
- Nearly 125 years of experience and expertise in reliable solutions
- Market Cap $5 Billion (Feb. 2013)
- $26 Billion Backlog*
  - 50% / 50% U.S. versus international
  - Approximately 50% / 50% Lump Sum versus Reimbursable

*Includes CB&I 3Q 2012 and SHAW 1FQ 2013 backlog results
Technology

- Licensed technology
- Engineering / technical services
- Proprietary catalysts
- Specialty equipment
- Consulting services

Engineering, Construction and Maintenance

- Engineering
- Procurement
- Module fabrication
- Construction
- Commissioning

Fabrication Services

- Modularization
- Fabrication
- Erection
- Engineering

Government Solutions

- Program and project management
- EPC
- Environmental engineering and consulting
- Emergency response and disaster recovery
- Environmental remediation
Markets Served

**Refining**
- Alkylation
- Ethers
- Fluid catalytic cracking
- Gasoline desulfurization
- Delayed coking
- Gasification
- Hydrocracking
- Hydrotreating
- Lube dewaxing/finishing
- Resid upgrading
- Visbreaking

**Gas Processing**
- Cryogenic gas processing
- NGL fractionation
- CO$_2$/N$_2$ recovery
- LNG
- H$_2$ recovery
- Sulfur recovery

**Petrochemical**
- Ethylene
- Propylene
- Methanol to olefins
- Ethylbenzene
- Styrene
- Butadiene extraction
- C$_4$ processing
- p-Xylene
- Cumene
- Phenol
- Dimethyl carbonate
- Diphenyl carbonate
- Maleic anhydride
- Polypropylene
<table>
<thead>
<tr>
<th>Technology</th>
<th>Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refining</td>
<td>256</td>
</tr>
<tr>
<td>Petrochemicals</td>
<td>170</td>
</tr>
<tr>
<td>Gas Processing</td>
<td>34</td>
</tr>
<tr>
<td>Polymers</td>
<td>20</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>480</strong></td>
</tr>
</tbody>
</table>

(as of 12/2012)
### Business Model Transformation

**2012**

<table>
<thead>
<tr>
<th>Services Provided</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-Gas Licensing, PDP</td>
</tr>
<tr>
<td>Access to Equipment</td>
</tr>
<tr>
<td>Network Proprietary &amp; Restricted Eqpt</td>
</tr>
<tr>
<td>Detail Design Support</td>
</tr>
<tr>
<td>Training</td>
</tr>
<tr>
<td>Operations Management Services Contract for single Heritage Client</td>
</tr>
<tr>
<td>Coking, PSA, Sulfur, Olefins and others</td>
</tr>
<tr>
<td>Network Access on Proprietary Equipment &amp; Restricted Equipment, Modularization, Pipe Fabrication, Tanks</td>
</tr>
<tr>
<td>Basic Engineering, FEED, Detail Engineering EPC in select markets</td>
</tr>
<tr>
<td>Training, Dynamic Simulation, Operations Training Simulators</td>
</tr>
<tr>
<td>Start-Up and Operations Support, O&amp;M Contracting</td>
</tr>
</tbody>
</table>
262 MW IGCC
Single train, petcoke
Operational since 1995

CB&I provides
Operations Management services
Continued strong operation in Gasification core processes at the 18 year old Wabash facility.

<table>
<thead>
<tr>
<th></th>
<th>2011</th>
<th>2012</th>
<th>To Aug 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Syngas Cooler</td>
<td>99.9%</td>
<td>98.1%</td>
<td>100.0%</td>
</tr>
<tr>
<td>Gasifier</td>
<td>94.3%</td>
<td>99.4%</td>
<td>98.8%</td>
</tr>
<tr>
<td>Slurry Prep &amp; Pumping</td>
<td>100.0%</td>
<td>99.9%</td>
<td>99.9%</td>
</tr>
<tr>
<td>Particulate Removal</td>
<td>99.8%</td>
<td>100.0%</td>
<td>96.2%</td>
</tr>
<tr>
<td>Slag Handling</td>
<td>98.7%</td>
<td>100.0%</td>
<td>99.9%</td>
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<tr>
<td>HG Path</td>
<td>99.2%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>Single Train TBL Reliability</td>
<td>92.1%</td>
<td>97.4%</td>
<td>94.9%</td>
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<tr>
<td>SRU</td>
<td>98.2%</td>
<td>99.7%</td>
<td>100.0%</td>
</tr>
<tr>
<td>LTHR</td>
<td>97.5%</td>
<td>99.8%</td>
<td>99.3%</td>
</tr>
<tr>
<td>AGR</td>
<td>99.8%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>ASU</td>
<td>99.8%</td>
<td>83.0%</td>
<td>96.5%</td>
</tr>
</tbody>
</table>

Single Train Reliability considering Forced Outages
Reliance Industries Jamnagar

Polygen for power, hydrogen, SNG and chemicals
10 + 0 gasification trains
Petcoke
Now in construction.

E-Gas Proprietary and Restricted Equipment orders placed, long lead deliveries in mid-2014
Strong Economic Drivers for Coke Gasification

Basis: 320 kbd refinery expansion, 25% taxes, 15 year depreciation
Potential Global Growth in Petcoke Gasification

* Includes projects in construction
** Includes projects in planning
First E-Gas Award at CB&I
One of four CB&I technologies licensed to this project

Hydrogen and Chemicals Production
2+1 Gasification trains
Bituminous coal / petcoke
For more information on the E-Gas technology, contact us at the following addresses, write us at E-GasTechnologyInfoRequests@CBI.com or visit www.cbi.com/technologies/gasification-technology

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CB&I has offices, fabrication facilities, and projects throughout the world