Canada’s Oil Sands Innovation Alliance

Calgary
October 9, 2012
Global Energy Demand

Forecast 50% Growth

Context

- Energy demand to remain high
- Renewables making gains but traditional energy sources will be important for some time
- Continuous improvement of environmental performance in traditional sectors is important contribution
Crude Oil Supply By Country

- Includes 170 billion barrels of oil sands reserves

Source: Oil & Gas Journal Dec. 2010
## Total Canadian Oil Production

![Chart showing total Canadian oil production from 2005 to 2025. The chart indicates actual and forecasted production levels for different categories such as conventional heavy, conventional light, oil sands operating and in construction, oil sands growth, and Newfoundland offshore. The graph is sourced from CAPP 2010.](image)

### Source:
- CAPP 2010
Journey Towards COSIA

- Company expectations
- Predecessor organizations
- Industry understanding that collaboration works

- Led to creation of COSIA, the collaborative hub
- Remain competitors, collaborate on environmental innovation
- Announced on March 1, 2012
Our Vision is to enable responsible and sustainable growth of Canada’s Oil Sands while delivering accelerated improvement in environmental performance through collaborative action and innovation.

COSIA Companies:

- BP Canada Energy Company
- Canadian Natural Resources Limited
- Cenovus Canada Inc
- ConocoPhillips Canada Resources Corp
- Devon Canada Corporation
- Imperial Oil
- Nexen Inc
- Shell Canada Energy
- Statoil Canada Ltd
- Suncor Energy Inc
- Teck Resources Ltd
- Total E&P Canada Ltd
Environmental Priority Areas

• Water
• Land
• GHGs
• Tailings
How is COSIA Different?

COSIA.ca

- Leadership
  - CEO accountable

- Line of Sight
  - Goals and reporting

- Leverage
  - Companies retain ownership but share environmental innovation; remain competitors; equitable contribution

- Linkages
  - Best ideas; Associate Members
COSIA Model Rigour

- COSIA is overarching hub within which companies will collaborate and innovate
- Open IP initiatives often met with skepticism
- COSIA safeguards... positioning for success
  - Public Environmental Performance Goals
  - Annual assessment of equitable contribution
COSIA – Governance and Structure

**COSIA Corporation**
Governed by Unanimous Shareholder Agreement signed by COSIA Shareholders

- Shareholder Steering Committee
- Chief Executive
- Office Support (eg. Admin, IT, Financial, Engagement)
- EPA Directors
  - Tailings, Water, Land, GHG
- Director
  - Monitoring and Risk Assessment

**Tailings EPA**
Governed by JVA signed by EPA Members

- Associate Members
- Steering Committee

**Water EPA**

**Land EPA**

**GHG EPA**

JIP
- Shareholders
- Associate Members
- Participants

CEO Council

COSIA – Governance and Structure

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More Information

www.cosia.ca