



GLOBAL  
CCS  
INSTITUTE



## GLOBAL CCS INSTITUTE UPDATE

## CSLF POLICY GROUP MEETING

3 November 2015

Riyadh, Saudi Arabia



## **THE GLOBAL STATUS OF CCS 2015**

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The Global Status of CCS: 2015 is the Institute's annual publication on the progress of carbon capture and storage (CCS) globally.

You are invited to download your PDF copy of the Summary Report of this publication before it launches on 5 November 2015 by visiting:

**[globalccsinstitute.com/status2015](http://globalccsinstitute.com/status2015)**



## **COP21 – PARIS, FRANCE 2015**

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### **The Institute will host a series of events on CCS during the COP21**

How the UNFCCC architecture can help mobilise international resources and support CCS	Friday 4 December	4.30pm - 6.00pm
Global CCS Institute Members' reception	Sunday 6 December	6.00pm - 8.00pm
Financing the demonstration and deployment of CCS in developing countries	Tuesday 8 December	12.30pm - 2.00pm
Hitting 2C Means: Investing in Renewables, a storage revolution, energy efficiency and CCS	Thursday 10 December	11.30am - 1.00pm
Global CO2 geological storage mapping	Friday 11 December	11.45am - 1.15pm

**For more information, please contact [events@globalccsinstitute.com](mailto:events@globalccsinstitute.com)**



## INSTITUTE OBJECTIVES

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- Accelerate global adoption of safe, commercially and environmentally sustainable CCS – Advocacy and Knowledge-Sharing
- Drive cooperation to deliver on “20 by 2020” diverse portfolio of fully-integrated, large-scale operating demos
- Coordinate efforts with networks of existing bodies to overcome barriers to broad industrial-scale deployment
- Focus on projects and support large-scale demos through facilitation of issues, discussion with key stakeholders (including governments) and networks for technical knowhow
- Act as active clearinghouse and standard setter for CCS information, aimed at technology and processes deployment



## RECENT PAST EVENTS TO PROMOTE CCS

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- Promotion of Boundary Dam launch and CCS Educational Outreach- Saskatchewan, Canada – Oct 1, 2014
- Global Status of CCS conference and International Members meeting in Abu Dhabi (Nov 2014); regional Members meetings - Washington (Feb 2015), Beijing (Apr 2015), Melbourne (May 2015) and Tokyo (Jun 2015)
- Co-hosted with Chinese Ministry of Science and Technology (MOST) on capture technology; with China's National Development and Reform Commission (NDRC) on CCUS-EOR - Beijing (Mar/Apr 2015)
- Co-convened expert group workshop on long-term liability for geologic storage of CO<sub>2</sub> with IEA - Paris (Apr 2015).
- CCS Hubs and Clusters Network Event as part of the EU Sustainable Energy Week in June 2015.
- European Annual Forum and GCCSI members meeting- Glasgow (24-25 Sep 2015) – Outcome: CCS is alive and active in Europe
- Americas Region Thought Leadership Roundtable (15 Oct 2015) Washington DC – Key Issues and Priorities discussion on CCS/CCUS.



## **KEY UPCOMING INSTITUTE EVENTS**

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- Engaging in Shell Quest Launch and announcement of the Institute's Global CCS Status Report and Americas Members meeting – Nov 5, 2015
- EU Parliament Session – Institute coordinating with ZEP, Masdar, etc to focus on CCS projects experience – Nov 12, 2015
- Americas Regions Projects Network Workshop with Participation from China – Sugarland TX, Nov 16, 2015 followed by Institute Members' Meeting – Sugarland TX, Nov 18, 2015
- 5<sup>th</sup> Annual Members and Stakeholders CCS/CCUS Strategic Forum followed by Members Meeting – Washington DC Feb 4, 2016
- Visit the Institute's website for other upcoming events



## ONGOING KEY ACTIVITIES TO ADVANCE CCS

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- Active knowledge sharing – regional and global network activities (e.g. China, Japan, EU, UK, US, others; Australian Storage and Infrastructure Knowledge Sharing Initiative – established CO<sub>2</sub> Storage WG and Carbon Capture WG)
- ISO meetings – on capture, storage, quantification, cross-cutting and EOR working groups
- CCS Capacity Building Activities in Developing Countries (Brazil, Mexico, Malaysia and Indonesia) – Implementing CSLF Capacity Building Trust Fund projects; working with APEC, World Bank, ADB
- Supporting bi-national and multi-national workshops/symposia in CCS
- Support to IEA CCS Unit – Analyses, Reports and Activities
- CCS webinars – Over 20 webinars (800 on-line participants; >7,000 viewers)
- Engage UNFCCC's Technology Executive Committee (TEC), the Green Climate Fund (GCF) as Accredited Observer, and Climate Technology Centre and Network (CTCN)



## **DISSEMINATED LESSONS LEARNT & CASE STUDY REPORTS**

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The Institute disseminated a number of lessons learnt and case study reports - valuable to current and future projects.

These reports include:

- What happens when CO<sub>2</sub> is stored underground, from the Weyburn-Midale CO<sub>2</sub> monitoring and storage project in Canada
- Lessons Learnt from CCS Developments in the North of the Netherlands
- Aquistore: CO<sub>2</sub> storage at the world's first integrated CCS project
- Various reports examining CCS issues in the Baltic Sea region





## NEW AND UPDATED INSTITUTE PUBLICATIONS AND REPORTS

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- The Costs of CCS and Other Low-Carbon Technologies in the United States- Update from 2011 edition: 27 July 2015.  
<http://www.globalccsinstitute.com/publications/costs-ccs-and-other-low-carbon-technologies-2015-update>
- CCS Policy Indicator Update from 2013 edition: 2 September 2015. [Analytical framework to derive a comparative national policy composite indicator of support to drive domestic action on CCS].  
<http://www.globalccsinstitute.com/publications/carbon-capture-and-storage-policy-indicator-ccs-pi-2015-update>
- CCS Legal and Regulatory Indicator: 29 Sep 2015. Detailed examination and assessment of 55 countries' legal and regulatory frameworks for CCS technology. <http://www.globalccsinstitute.com/publications/global-ccs-institute-ccs-legal-and-regulatory-indicator-global-assessment-national-legal-and-regulatory-regimes-carbon-capture-and-storage>



## **PROMOTING THE IMPORTANCE OF CCS**

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- Presentations & Keynotes at leading climate and energy conferences including: JCOAL Clean Coal Day; Boundary Dam CCS project launch; Brazil Congress on CO<sub>2</sub>; CO2Geonet Annual Forum; Annual CCUS conference
- Well placed news items, opinion pieces and letters in influential media (eg FT international, Bloomberg and Politico Europe)
- Increased emphasis on social media (Twitter, LinkedIn) as a promotional channel for Institute reports
- Establish closer relationships with key media - strengthens Institute's ability to advocate outside the CCS community.
- Creating educational programs and activities to raise awareness and understanding of CCS. (for K thru 12 - Australia, Canada, China, Japan, Norway, Spain and UK; materials for universities being prepared)



## GOING FORWARD

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- Focus on promoting CCS prominence and inclusion at COP 21 discussions and side events
- Continue to showcase CCS Projects as real and operating and promote new CCS projects as they come on line –
- Provide secretariat services to the European CCS Demonstration Projects Network
- Continue to engage with key organizations in gaining a louder advocacy voice for CCS as part of a portfolio low carbon solutions for the future (CCS roundtables and events with key decision-makers)
- Support Institute fellowships for thought leaders in climate and clean energy to extend their reach in CCS.
- Focus on serving our members' (currently 83 and growing) needs and key issues and priorities by taking actions within Institute's mission.

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