

Enabling CCS Deployment through Knowledge Sharing

Nick Otter CEO

EC CCS Project Network Advisory Forum, Brussels, 17 September 2010

WWW.GLOBALCCSINSTITUTE.COM

WHAT WE DO

The Global CCS Institute connects parties around the world to solve problems, address issues and learn from each other to accelerate the deployment of CCS projects by:

1.SHARING KNOWLEDGE

- Collecting information to create a central repository for CCS knowledge
- Creating and sharing information to fill knowledge gaps and build capacity

2.FACT-BASED ADVOCACY

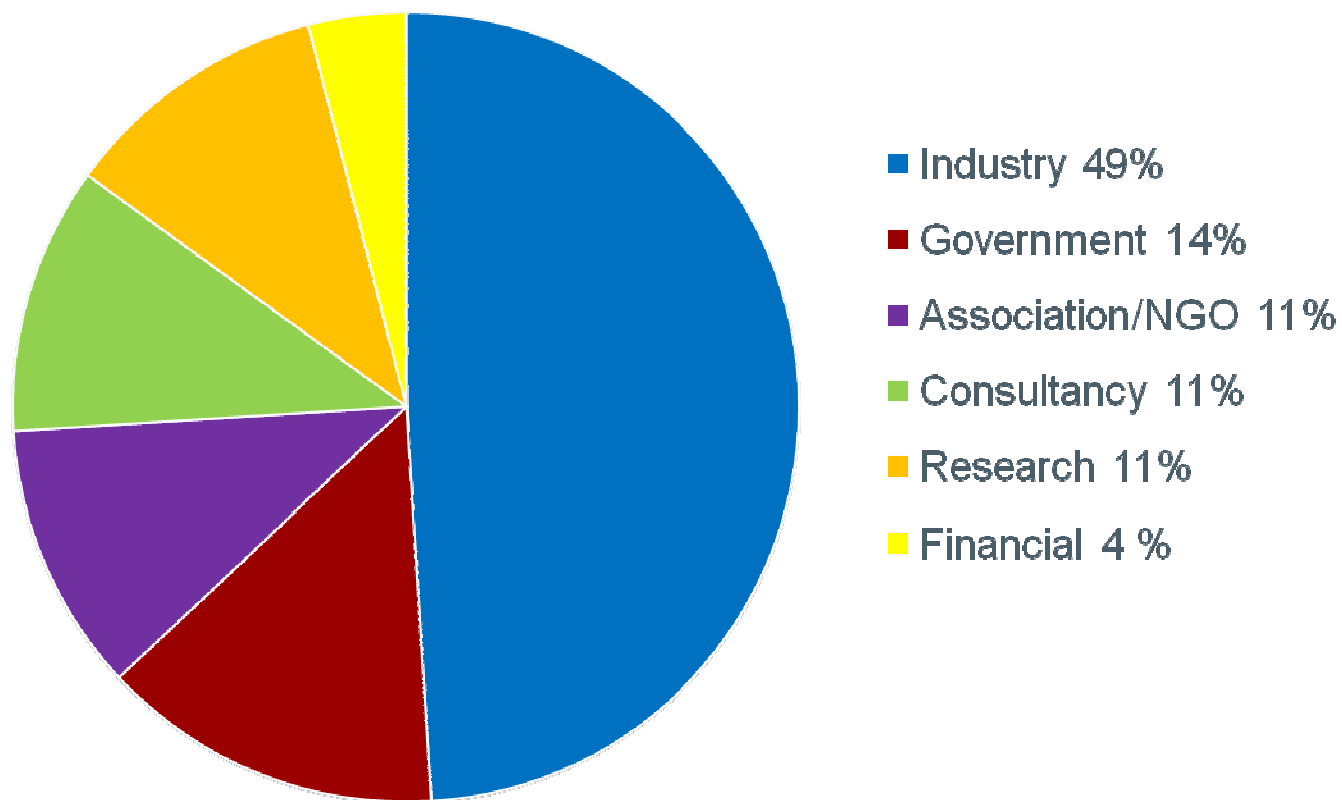
- Informing and shaping domestic and international low carbon energy policies
- Increasing the awareness of the benefits of CCS and the role it plays within a portfolio of low carbon technologies

3.ASSISTING PROJECTS

- Tackling specific barriers, particularly amongst early movers
- Bridging knowledge gaps between demonstration efforts

MEMBERSHIP BREAKDOWN

263 Members as of September 2010



- More than 80% of global GHGs are captured through the Institute's membership, which includes United States and China.

THE INSTITUTE IS A KNOWLEDGE SHARING ORGANISATION

OVERARCHING OBJECTIVE

“To accelerate the broad deployment of commercial CCS”

Regional Profiles and Global Services

ENABLING STRATEGIES

Policy/Regulatory

Financial/Commercial

Public Awareness

Technical

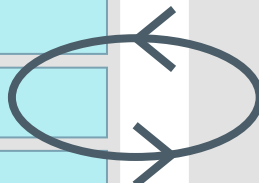
Capacity Building

PROJECTS STRATEGY

Strategic Analysis of Projects

Project Support Program

Thematic Focus Groups



KNOWLEDGE SHARING

MEMBERS

Services Model
Member Charter

WE HAVE AN ARRAY OF KNOWLEDGE FROM PROJECTS IN THE PIPELINE

- **Reports and case studies**
 - Methodologies for CO2 storage assessment
 - Consortium and supply chain optimization
 - Health, safety and environmental analyses
 - Bridging the commercial gap for CCS
 - Risk assessment of CO2 storage
 - Socio-economic impact of integrated CCS projects
 - Developments in MMV technology research
 - Regulatory gaps for implementing CCS
 - Bottlenecks and lessons learned
- **Papers**
 - approaches for public relations management
 - enhanced oil recovery and deep saline sequestration alternatives
- **Public fact sheets**
 - transportation of CO2
 - enhanced oil recovery
 - Geosequestration
 - CO2 capture technologies
- **Expert workshops**
 - CCS System Integration
 - Risk management for CCS projects

KEY ASPECTS OF THE GLOBAL CCS INSTITUTE'S APPROACH

1. Stakeholder-oriented - knowledge sharing across a broad set of stakeholders
2. Digital – an advanced platform to complement face-to-face knowledge sharing
3. Simplified - standards for knowledge contracts and project reporting
4. Accelerated – funding of projects and content providers to more quickly build a knowledge repository
5. People-centric - a focus on engaging individuals more than knowledge products
6. Global – providing the “global glue” to connect existing networks
7. Commercial – making knowledge sharing a win-win
8. Continuously improved – an ongoing focus on better solutions through member engagement

THE NEW WEBSITE AND EXTRANET GO LIVE SEPTEMBER 2010

GLOBAL CCS INSTITUTE

Home Carbon Capture & Storage Global CCS Institute Community Resources & Projects

Carbon Capture & Storage

GLOBAL CO₂ EMISSIONS ARE PROJECTED TO DOUBLE BY 2050

With intervention we can reduce CO₂ emissions significantly.

2005: 27 Gt CO₂

2050: 62 Gt CO₂

Each dot represents one gigaton of CO₂ emissions

COMMUNITY LOGIN

Username

Password

Login Forgot password?

JOIN THE COMMUNITY

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam libero tempore, cum soluta...

Register Why join?

LATEST NEWS

- [+] All Institute news
- [+] All Industry news
- [+] All Publications

Latest Institute news

Kyoto Summit September 2010

Nam libero tempore, cum soluta nobis est eligendi optio, cumque nihil impedit quo minus id quod maxime placeat facere possimus.

The Status of CCS Projects

Nam libero tempore, cum soluta nobis est eligendi optio, cumque nihil impedit quo minus id quod maxime placeat facere possimus.

Latest industry news

Thurs, 26th July 2010

Nam libero tempore, cum soluta nobis est eligendi optio...

Tues, 24th July 2010

Cumque nihil impedit quo minus id quod maxime placeat facere possimus.

Latest publication

Nam libero tempore, cum soluta nobis est eligendi optio...

Posted: 25th August 2010

COMMUNITY

- [+] All groups
- [+] All blogs
- [+] All Events

Latest blogs

Nam libero tempore, cum soluta nobis est eligendi optio, cumque nihil impedit quo minus id quod maxime placeat facere possimus.

Andrew Ford 10 Comments

Nam libero tempore, cum soluta nobis est eligendi optio, cumque nihil impedit quo minus id quod maxime placeat facere possimus.

Frank Farrall 3 Comments

Nam libero tempore, cum soluta nobis est eligendi optio, cumque nihil impedit quo minus id quod maxime placeat facere possimus.

Professor Ken McElhinney 3 Comments

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Professor Ken McElhinney 3 Comments

Featured users

Latest events

28 MAY Second IEF-Global CCS Institute Symposium, Al...

21 NOV Global CCS Institute Members' Meeting, Par...

Carbon Capture & Storage

About CCS

What is CCS?

Why do we need CCS?

What's happening?

FAQ

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STAY CONNECTED

Our site is always being updated. Follow us or join in our email list to stay in the loop.

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GLOBAL CCS INSTITUTE

Welcome John Williams

Home Your Staff Library Browse

EXTRANET

All Content Your View

Plans

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Projects

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Groups

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Search

Google News

Welcome to the Extranet

Welcome to the Extranet's trial intranet/extranet. If you would like to experience with intranet's functionality, you might like to visit the Extranet's trial.

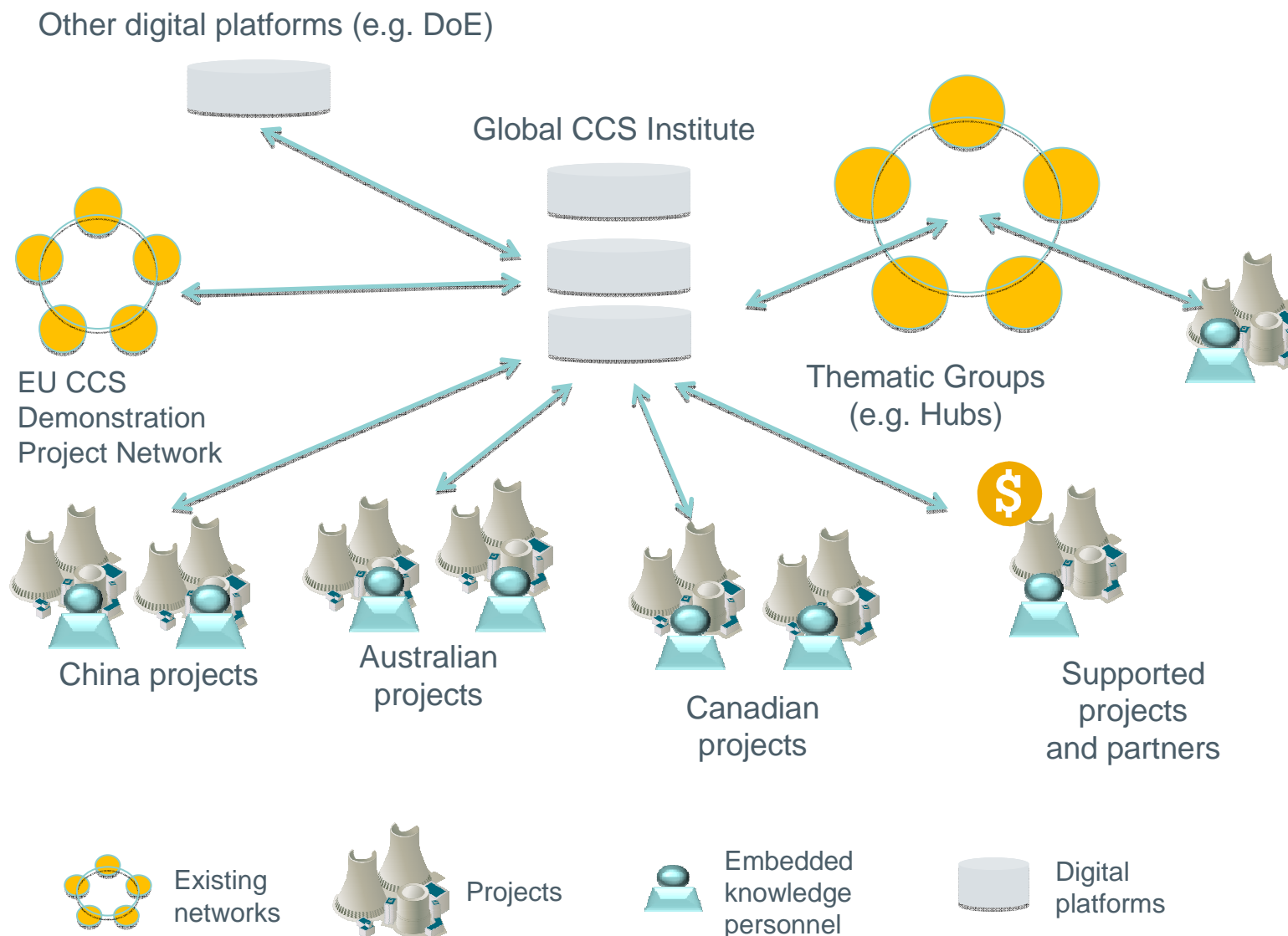
Please note: You should not upload commercially sensitive information to the trial intranet. If you have any questions, please contact the Knowledge Sharing project team.

Recent activity

- Sample Data for Web Export 10 hours ago in Knowledge Sharing Team
- Thoughts on Joe-Gardening 14 hours ago in Knowledge Sharing Team
- Knowledge Sharing Governance - Implementation Project Plan 18 hours ago in Knowledge Sharing Team
- Institute Bloggers 19 hours ago in Knowledge Sharing Team
- Resources & Project - Projects 20 hours ago in Knowledge Sharing Team
- Criteria for selecting external bloggers 22 hours ago in Knowledge Sharing Team
- CCSI Knowledge Sharing All Hands Update 29/08/2010 23 hours ago in Knowledge Sharing Team
- So, you want to be a blogger 24 hours ago in Knowledge Sharing Team
- Content, Content, Content, all for the public site 1 day ago in Knowledge Sharing Team
- Join and Active Directory 1 day ago in Knowledge Sharing Team

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WE WILL DRIVE KNOWLEDGE CREATION THROUGH FUNDING, RESOURCES AND CONNECTING EXISTING NETWORKS GLOBALLY



INCREASE THE VALUE OF KNOWLEDGE AND PROMOTE THE INTERNATIONAL RESONANCE OF THE EU PROJECT NETWORK

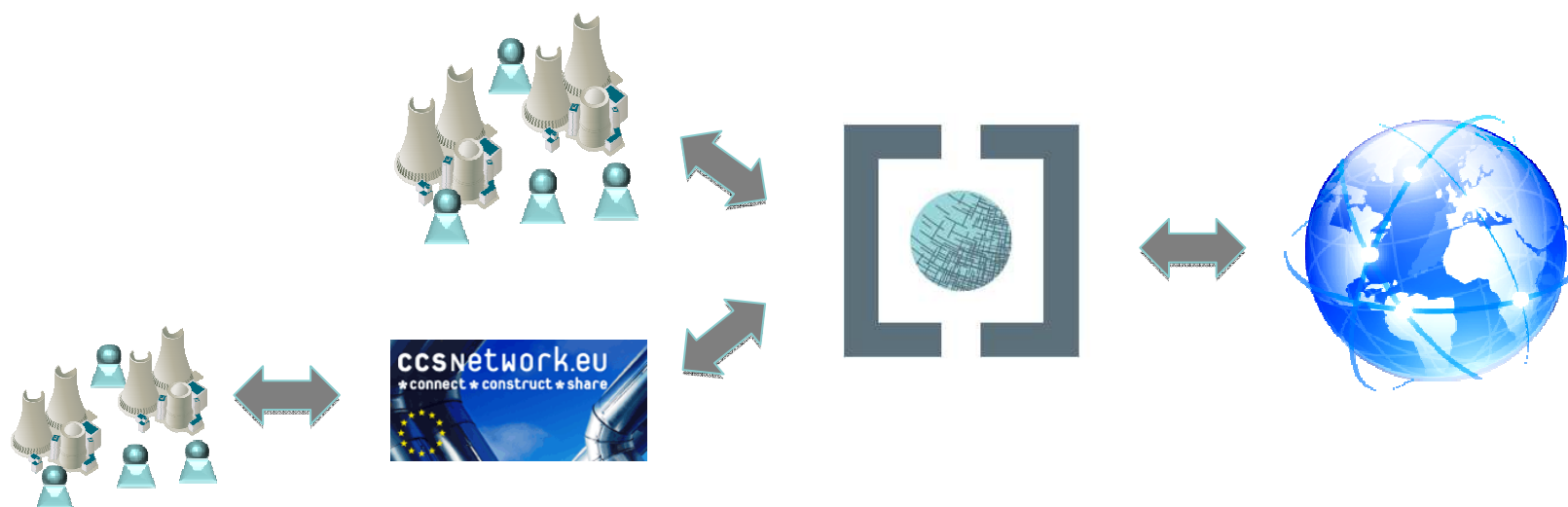
The EU Project Network is currently creating valuable knowledge:

- Permitting
- Public engagement
- Risk management

Knowledge themes will change over time to suit network needs and project maturity

Establishing channels to share through the Institute's platform can:

- give the EU Project Network and its members greater international resonance
- open channels for two-way exchange with other projects and networks
- Present business and technology showcase opportunities





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AREAS FOR DISCUSSION

1. The EU Project Network and Global CCS Institute have a number of ways to work together to accelerate CCS through knowledge sharing
2. The EU Project Network provides an existing community and project knowledge that can greatly benefit the global acceleration of CCS
3. The Institute can help promote the EU Project Network globally and with other European projects with which it is working
4. Both knowledge sharing initiatives can work together to improve the approaches for knowledge sharing and minimise redundancy
5. Use of the Institute's digital platforms will be key to us collaborating more effectively



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