

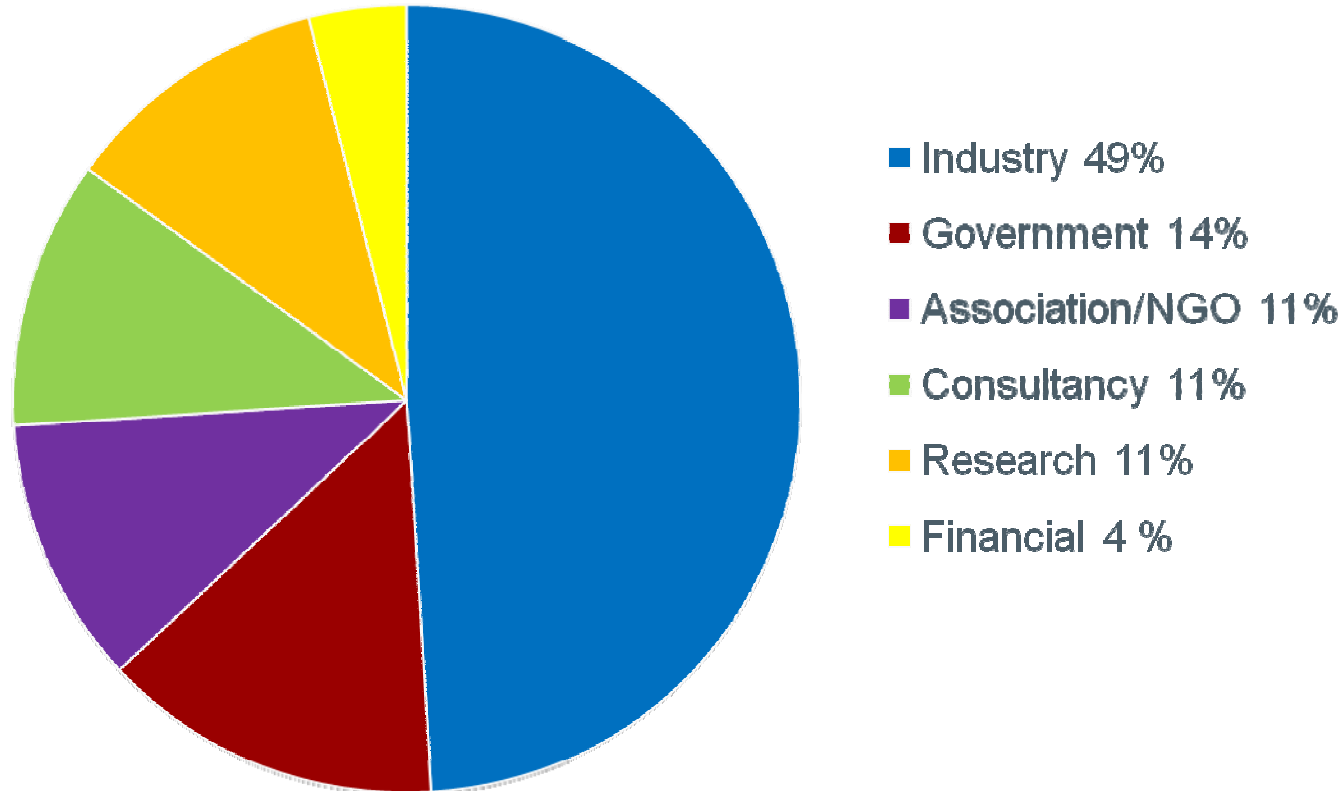
Global CCS Institute Update

Bill Koppe SVP Australasia

CSLF Technical Group, Warsaw, 7th October 2010

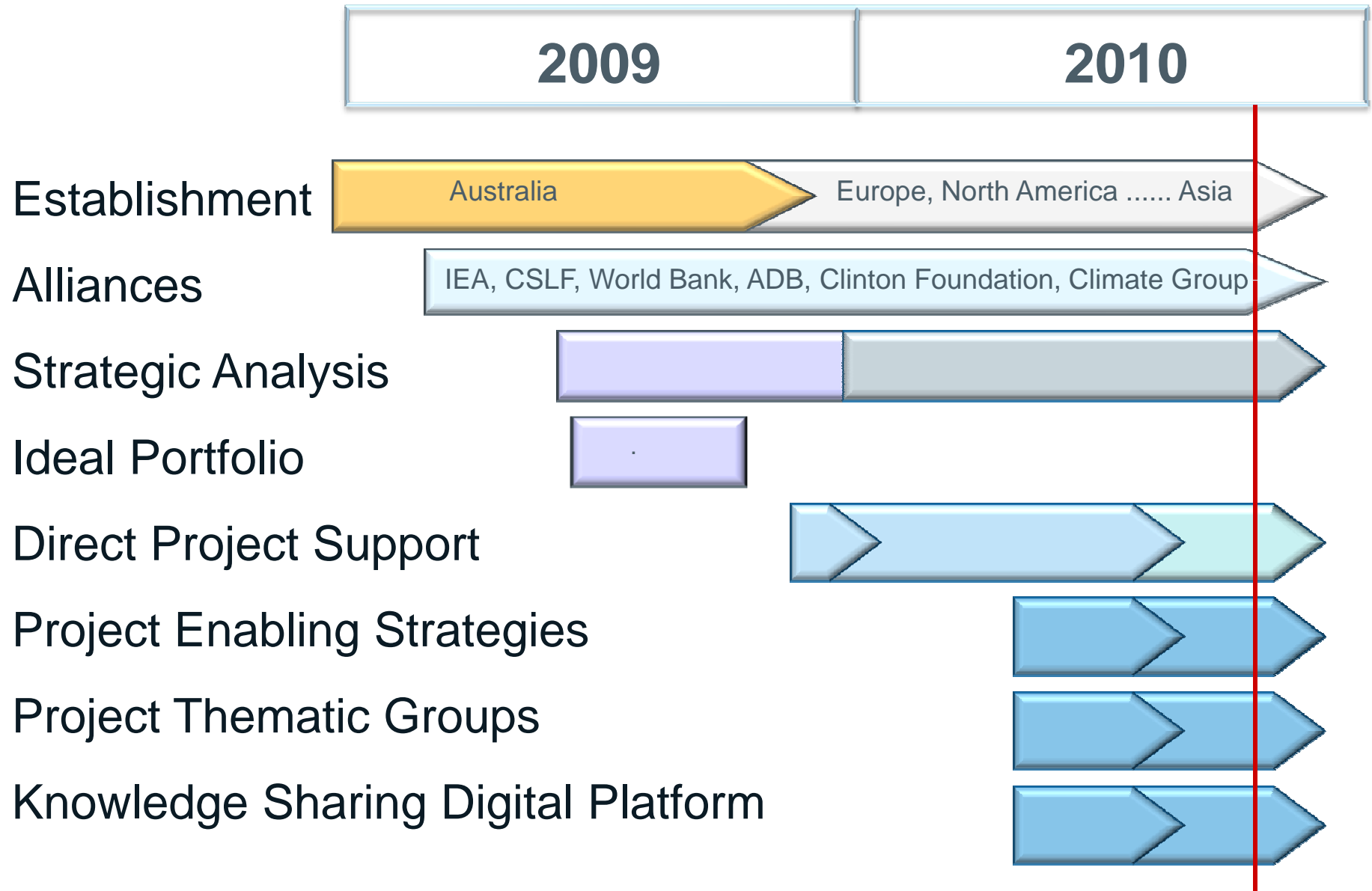
EXPANDING INSTUTITE MEMBERSHIP

263 Members as of September 2010

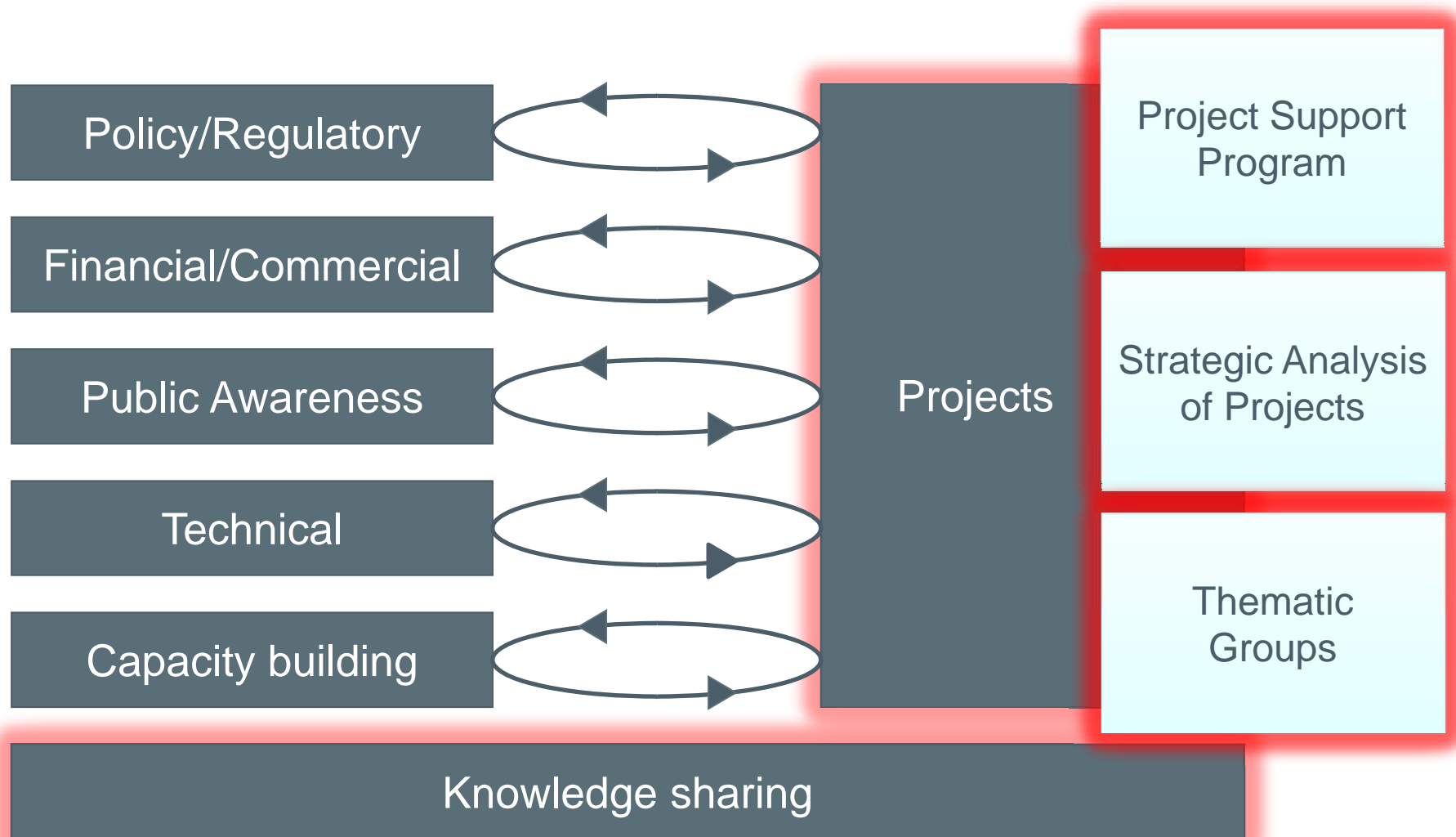


- More than 80% of global GHGs are captured through the Institute's membership, which includes United States and China.

EXPANDING GLOBAL CCS INSTITUTE ACTIVITY

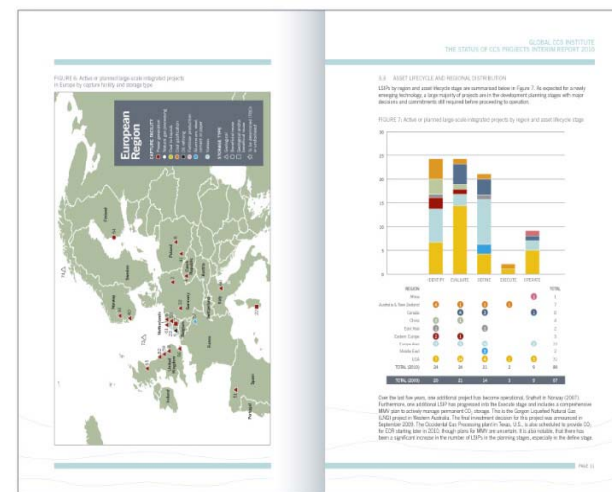
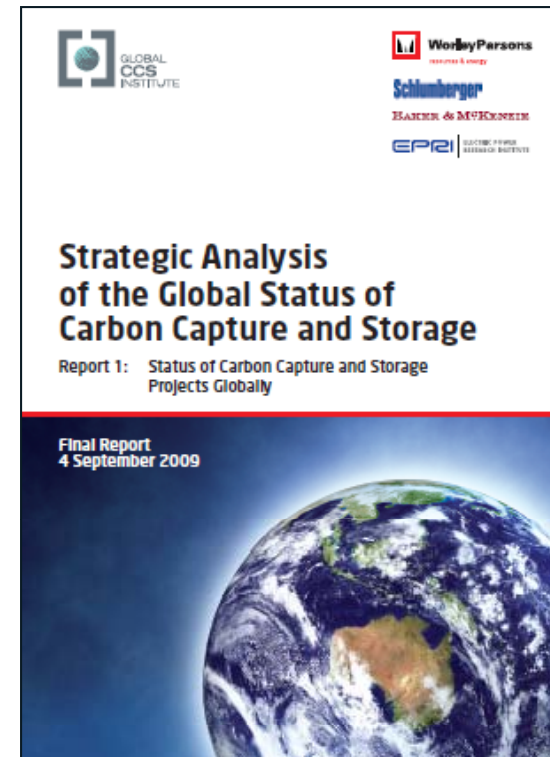


INTEGRATED PROJECT SUPPORT AND STRATEGIC ENABLER INITIATIVES



STRATEGIC ANALYSIS CCS PROJECTS WORLDWIDE

- 2009 : 275
- 2010 : 328
- Large integrated projects : growth from 60 to 80
- Over 85% of identified projects in early stages



GLOBAL REPRESENTATION OF PROJECTS



Storage Type

- △ Geological
- Beneficial reuse
- Geological and/or beneficial reuse
- ☆ To be determined (TBD) or undisclosed

Capture Facility

■ Power generation	■ Oil refining
□ Natural gas processing	■ Fertiliser production
■ Coal to liquids	■ Aluminium, steel, cement or paper
■ Coal gasification	■ Various

INSTITUTE PROJECT SUPPORT PROCESS

- Main mechanism by application – first round proposals in January 2010
- Over 50 proposals in first application round totalling over \$500 million
- Participation by the majority of Global CCS Institute industry Members
- Applications evaluated by Institute and Parsons Brinkerhof consortium
- First supported projects selected for negotiation in May 2010
- **First supported projects announcements in October 2010**
- Focus on key challenges and collaboration between projects

THEMATIC GROUPS CONCEPT AND OPERATION

Purpose:

- Connect Members to learning from supported projects
- Connect projects globally
- Strengthen and connect networks globally
- Engage Members in directing Institute funding

Function and operation of each theme:

- Small working group to recommend tasks and run network
- Larger network for collaboration and knowledge sharing
- Member nominated Chair, Institute affiliated Co-Chair
- Institute funding for approved tasks, and meeting venues
- Institute provides digital knowledge sharing platform
- Operating in alignment with allied networks

INITIAL THEMES

- **Hub Development Challenges,**
in collaboration with the Clinton Foundation
- **Storage Learning from EOR Operations,**
in collaboration with IEAGHG
- **Project Integration Challenges,**
in collaboration with CSLF Technical Group PIRT
- **CO2 Storage and Groundwater Resource Management,**
in collaboration with IEAGHG

Reviewed with Members in September 2010

Registration for Participation underway in October 2010

THEMATIC GROUPS INTER-RELATIONSHIPS

INITIATIVE

ACTIVITY

PARTICIPANTS

Studies and Initiatives



- R&D Allies
- All Members

Thematic Groups



- Projects
- Most Members
- Allies
- Strategic Partners

Institute Supported Projects



- Some Members
- Projects

THE NEW WEBSITE AND EXTRANET

GLOBAL CCS INSTITUTE

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

Carbon C₂ Search

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 giga-ton of CO₂ emissions

COMMUNITY LOGIN

Username:

Password:

Login [Forgot password?](#)

JOIN THE COMMUNITY

Lorem ipsum dolor sit amet lorem nam libero tempore, cum soluta.

Register [Why join?](#)

LATEST NEWS

Latest Institute news

- All Institute news
- All Industry news
- All Publications

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 maxime placeat facere possimus...

Latest publication

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

COMMUNITY

Latest blogs [View all](#)

- All groups
- All blogs
- All Events

Featured users

28 MAY Second IEF-Global CCS Institute Symposium, A May 2010

21 NOV Global CCS Institute Members' Meeting, Par November 2009

Latest blogs

Nam libero tempore, cum soluta nobis est 12 July 2010 | Category: Community, Technology
Nam libero tempore, cum soluta nobis est eligendi optio cumque nihil impedit quo minus id quod maxime placeat facere
Andrew Ford 10 Comments

Nam libero tempore, cum soluta nobis est 12 July 2010 | Category: Community, Technology
Nam libero tempore, cum soluta nobis est eligendi optio cumque nihil impedit quo minus id quod maxime placeat facere
Frank Farrell 3 Comments

Nam libero tempore, cum soluta nobis est 12 July 2010 | Category: Community, Technology
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Professor Ken McEhinney 3 Comments

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Professor Ken McEhinney 3 Comments

Carbon Capture & Storage About CCS? Why do we need CCS? What's happening? FAQ CCS in the news

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RSS

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GLOBAL CCS INSTITUTE

Hi John Welander (logged out) Home Your stuff History Browse

EXTRANET

All Content [Your View](#)

Places

- The Institute Intranet
- CCS Projects
- The Press Room
- Storage
- Help

Projects

Groups

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Welcome to the Extranet

Welcome to the Institute's trial intranet/extranet. If you would like to experiment with intranet's functionality, you might like to visit the [Sandbox](#) page.

Please note: You should not upload commercially sensitive information to the trial intranet.

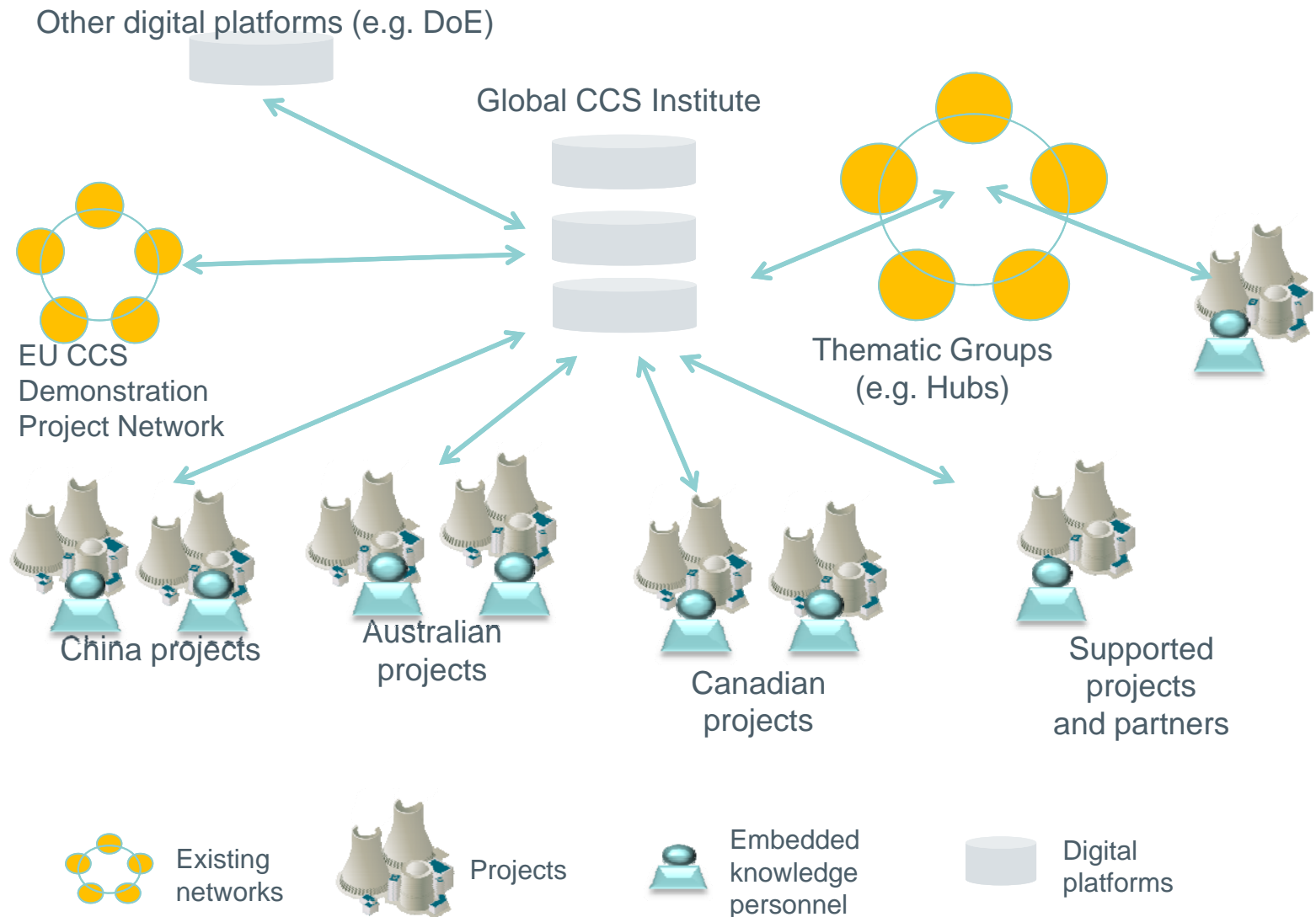
If you have any questions, please contact the Knowledge Sharing project team.

Recent content

- Sample Data for Web Expert 12 hours ago in Knowledge Sharing Team by John Welander
- Thoughts on Jive Gardening 18 hours ago in Kate's Blog by Kate Colquhoun
- Knowledge Sharing Governance - Implementation Project Plan 18 hours ago in Knowledge Sharing Team by John Welander
- Institute Bloggers 19 hours ago in Knowledge Sharing Team by Anna Eckstein-Blogg
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- Jive and Active Directory 1 day ago in Knowledge Sharing Team by David Siddle

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DIGITAL PLATFORM CONNECTING MEMBERS, PROJECTS & NETWORKS



ALIGNMENT OF STRATEGIC APPROACH OF CSLF AND GCCSI

- Timeframe likely to be similar
 - CSLF seeking extension of term
 - GCCSI seeking extension out to 2016
- Real opportunity to build upon established relationship
 - Coherence of approach
- Unprecedented need for effective collaboration on CCS
 - Commonality of purpose

The top half of the image features a dark blue background with five thin, white, wavy lines that create a sense of movement and depth. These lines are horizontal and vary in their wave patterns, with some having larger peaks and troughs than others.

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