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GLOBAL CCS INSTITUTE UPDATE

CSLF Policy Group Meeting
May 4, 2017

Cover image: Aerial view of Tomakomai CCS Demonstration Project facilities located at Tomakomai City, Hokkaido, Japan. Image provided by JCCS.



The Global CCS Institute

Our Vision: CCS is an integral part of a low-carbon future

OUR MISSION
To accelerate the deployment of CCS globally

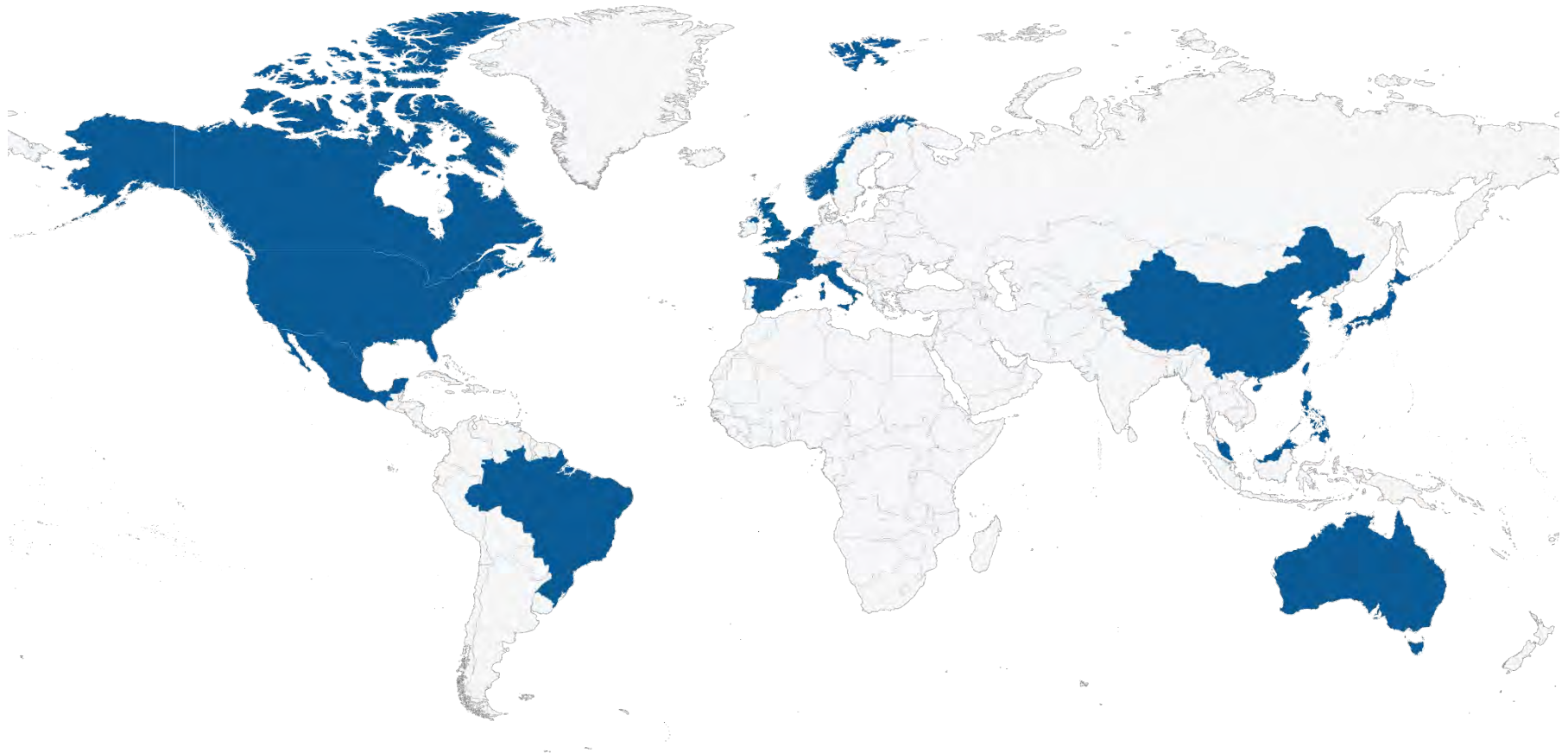
Fact-based influential advice, advocacy

Authoritative knowledge sharing

- An international membership organisation
- Melbourne, Washington DC, Brussels, Beijing and Tokyo
- Diverse international membership
 - governments
 - global corporations
 - small companies
 - research bodies
 - non-government organisations
- Specialist expertise covers the CCS/CCUS chain



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Progress – but not to the scale and speed required

Global Status of CCS April 2017

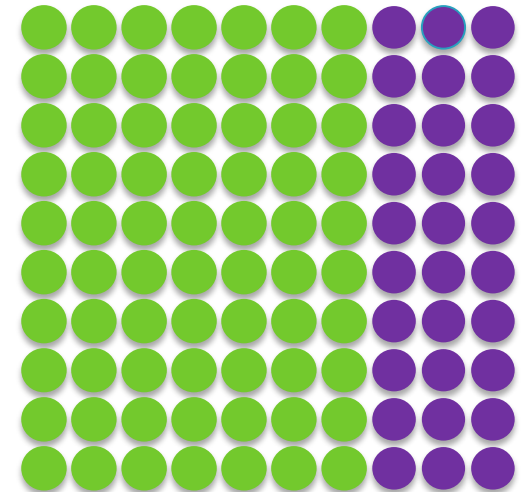
40 large-scale CCS facilities - combined CO₂ capture capacity of approximately 73 Mtpa*:

- 22 facilities in operation or construction (~40 Mtpa)
- 7 facilities in advanced planning (~14 Mtpa)
- 11 facilities in earlier stages of planning (~19 Mtpa)

40 Mtpa



Almost 4,000 Mtpa of CO₂ captured and stored by 2040
(IEA 2DS Scenario)**



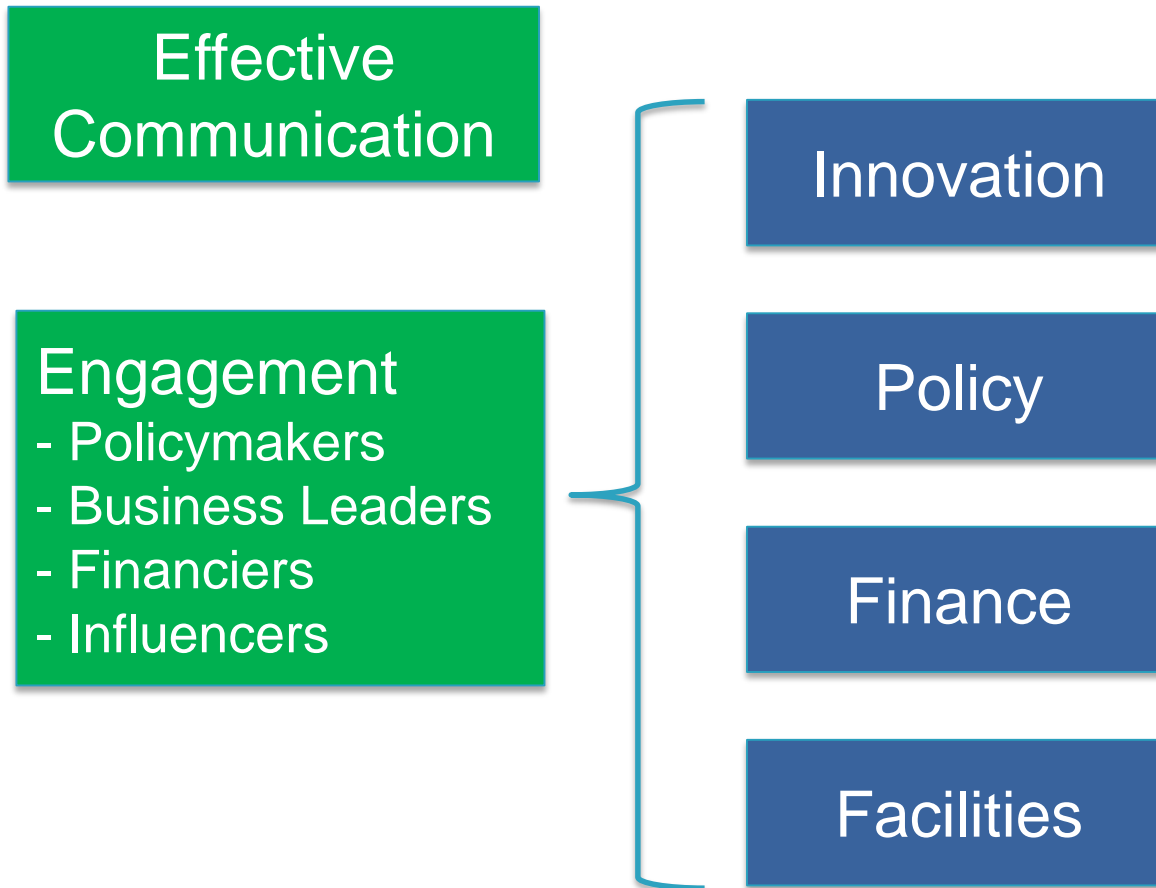
● Non-OECD ● OECD

*Mtpa = million tonnes per annum

**Source: IEA, 2016. *Energy Technology Perspectives: Towards Sustainable Urban Energy Systems*. Paris. OECD/IEA.

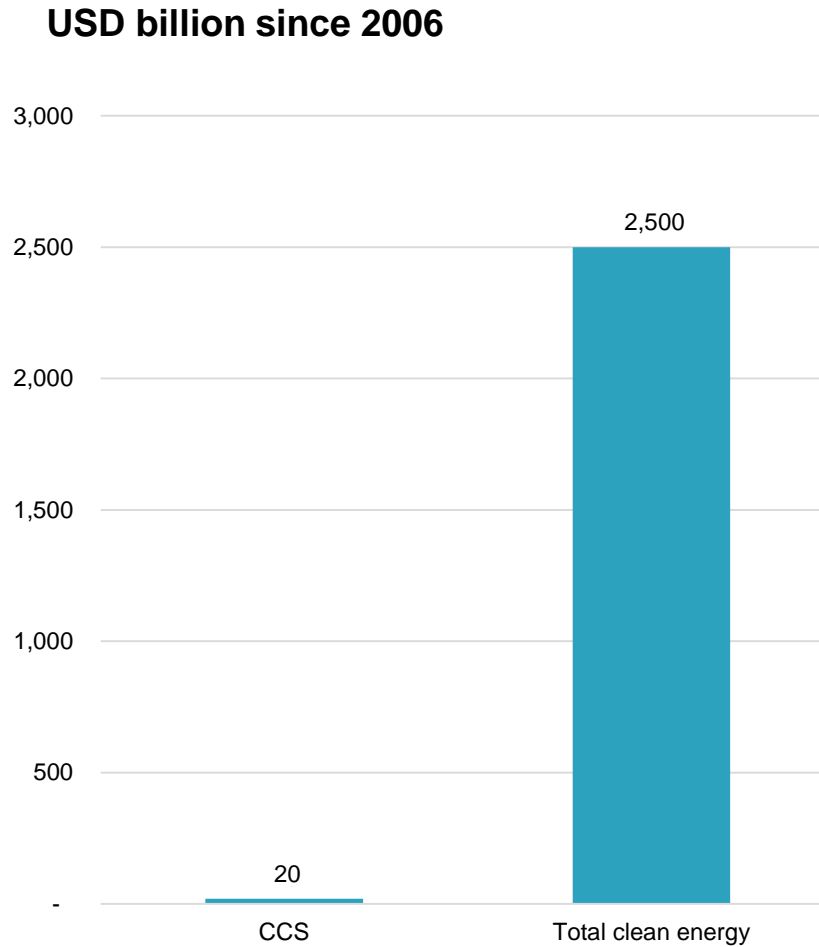


What will accelerate progress?





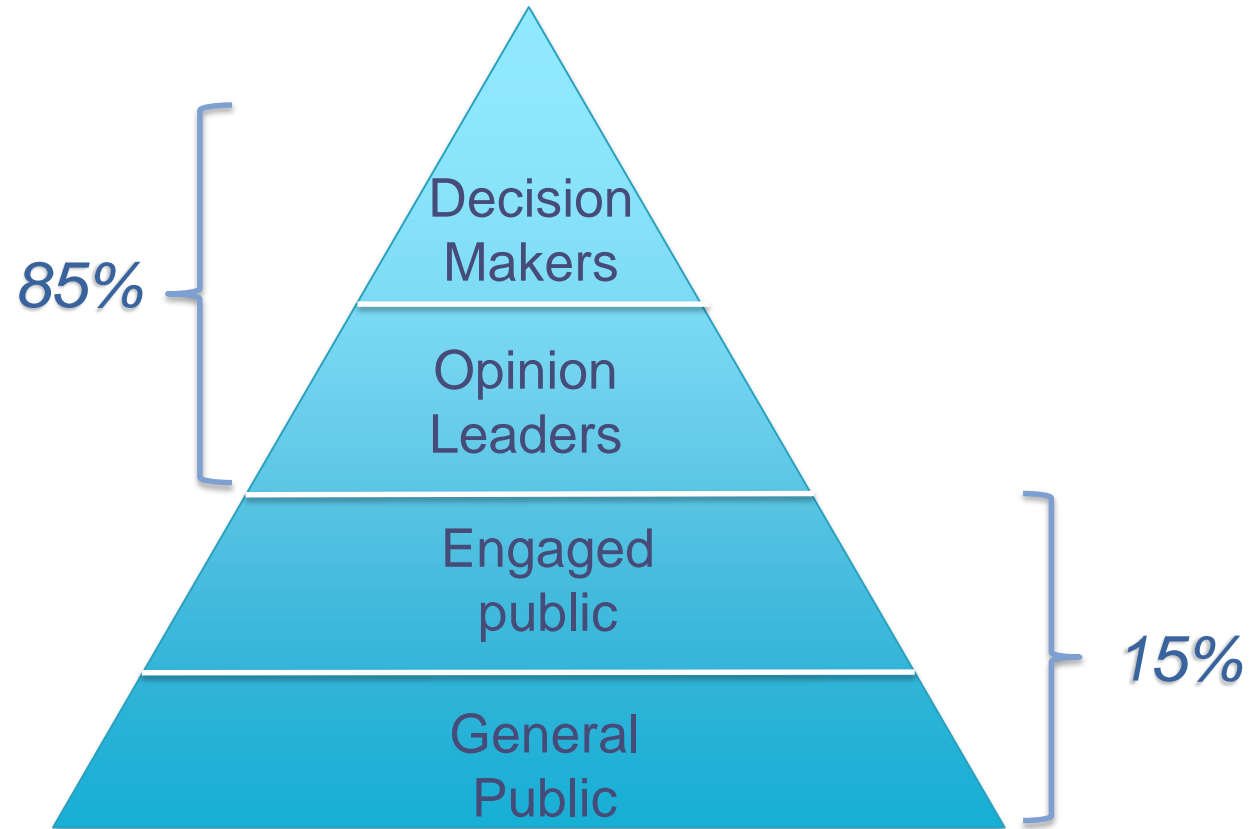
Strong policy drives investment



Data source: IEA 2015 “Tracking Clean Energy Progress”. Bloomberg New Energy Finance “Clean Energy Investment By the Numbers – End of Year 2015” fact pack.



Driving Policy Change – Who is the Audience?





Changing the Narrative



Versatile

Affordable

Profitable

Essential

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