

# Update from the Global CCS Institute

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CSLF Technical Group Meeting April 25, 2019



GLOBAL CCS  
INSTITUTE

# Agenda

Carbon Capture Deployment

Technical Information

Advocacy

Learnings



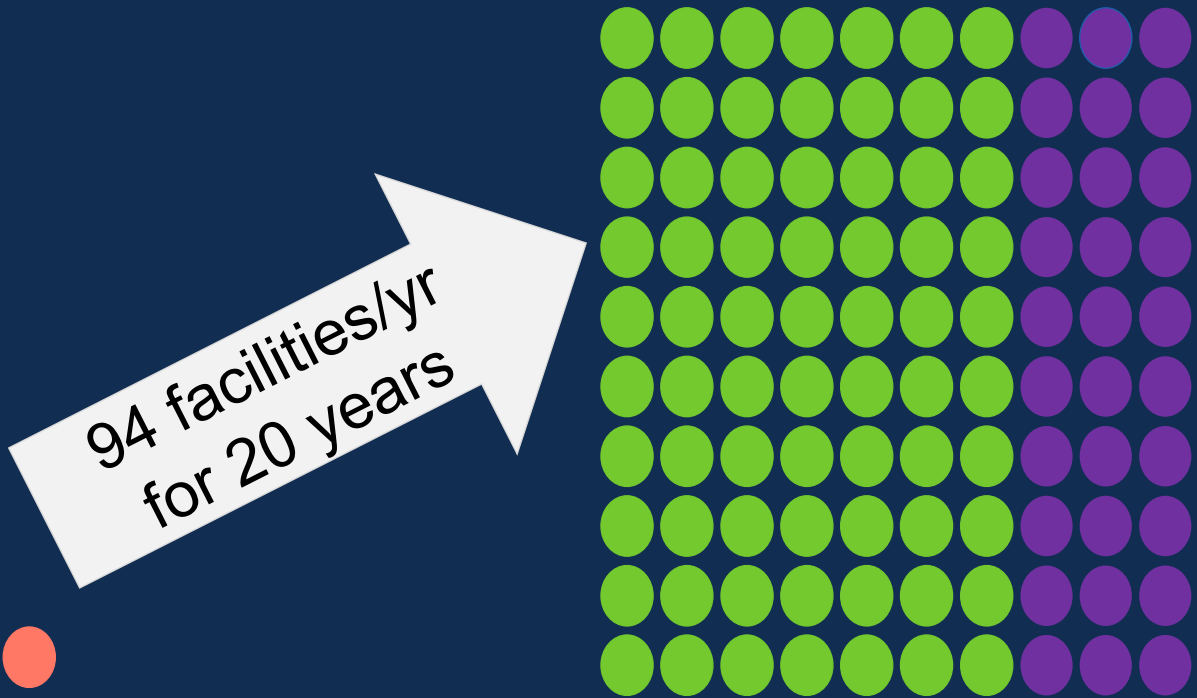
# Carbon Capture Deployment

400 Mtpa by 2025\*\*\*  
2400 Mtpa by 2030\*\*\*

Global Status of CCS December 2018 → 3,800 Mtpa of CO<sub>2</sub> by 2040\*\*

43 large-scale facilities ~ 94 Mtpa\*:

- 23 operation/construction (~40 Mtpa)
- 4 advanced development (~13 Mtpa)
- 16 early stages of development (~41 Mtpa)



40 Mtpa

Non-OECD      OECD

\* Mtpa = million tonnes per annum

\*\*Source: data sourced from International Energy Agency (2017), Energy Technology Perspectives 2017, OECD/IEA, Paris

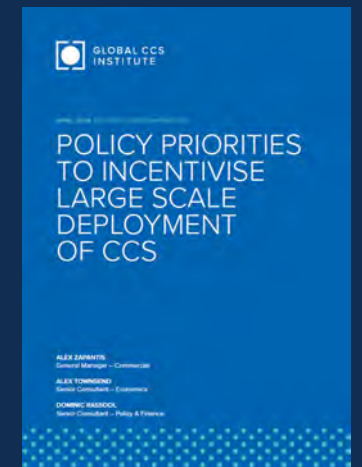
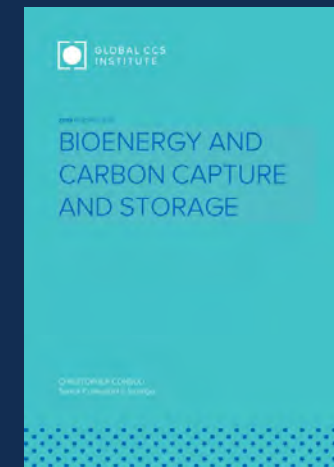
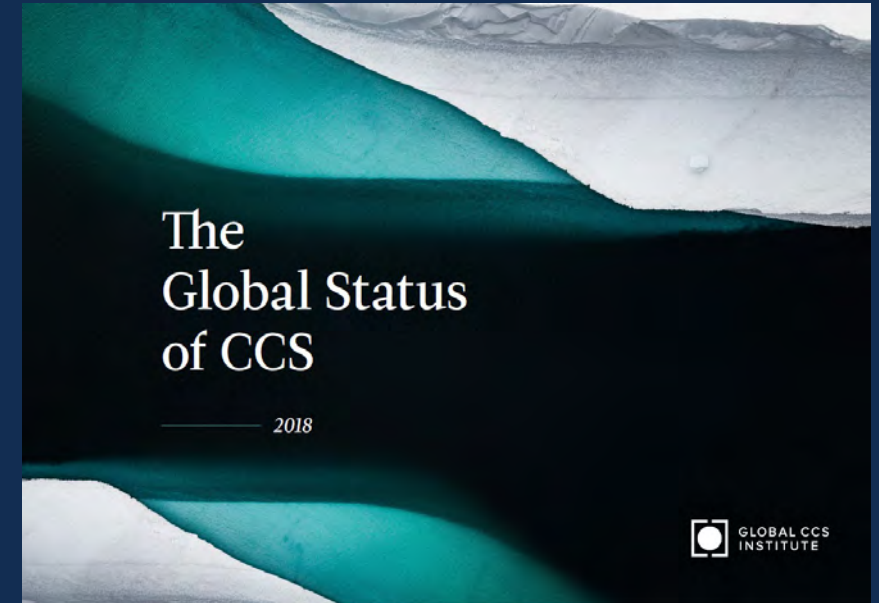
Average CO<sub>2</sub> capture capacity facility of 2.0 Mtpa

\*\*\* Draft message from CSLF technical group to CEM and CSLF Ministers



# Technical Information

- 2018 Global Status of CCS
- Policy Priorities to Incentivize CCS
- Bioenergy and Carbon Capture and Storage



# Advocacy

- CCS events
  - Accelerating CCUS Conference
  - COP24
  - 2018 Global Status of CCS Launch
  - CCUS Symposium in Tokyo
  - CCS Briefings in California
  - DC Forum
  - Carbon 101 Lunches
- Institute Website
- CO<sub>2</sub>RE

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## Is US technology leadership at risk?

The Atlantic Council's Global Energy Center hosted the US launch of the Global Status of CCS, 2018

READ ABOUT THE EVENT

MEET OUR TEAM

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GLOBAL STATUS REPORT 2018

ABOUT

## World's leading authority on Carbon Capture and Storage

The Global CCS Institute is the world's leading authority on carbon capture and storage (CCS)—an international climate change organisation whose

## CCS Readiness Index (RI)

The CCS Readiness Index (CCI-RI) actively monitors the progress of CCS deployment. The Index tracks a country's inherent interest in CCS, its policy, law and regulation and storage resource development. Through these indicators, the RI identifies those nations which are leaders in the creation of an enabling environment for the commercial deployment of CCS.

Region: All | Country: All | Year: 2016

Indicator score range: 0 to 100

Indicator score: 71

Region	Country	Year	RI Score
NORTH AMERICA	Canada	2016	71
NORTH AMERICA	United States of America	2016	70
EUROPE	Norway	2016	66
EUROPE	United Kingdom	2016	65
ASIA PACIFIC	Australia	2016	62
EUROPE	Netherlands	2016	54
ASIA PACIFIC	China	2016	53
EUROPE	Denmark	2016	52



# Learnings

- CCS is too expensive
- How much will costs go down and how quickly
- Waiting on IRS
- New Institute Members
- Focus on value
- Time to act is now
- Integration and collaboration
- Not 'Or' but 'And'





# THANK YOU QUESTIONS???

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