



Global Sum-up

Tim Dixon

4th Offshore CCS Workshop
Bergen 11-12 February 2020



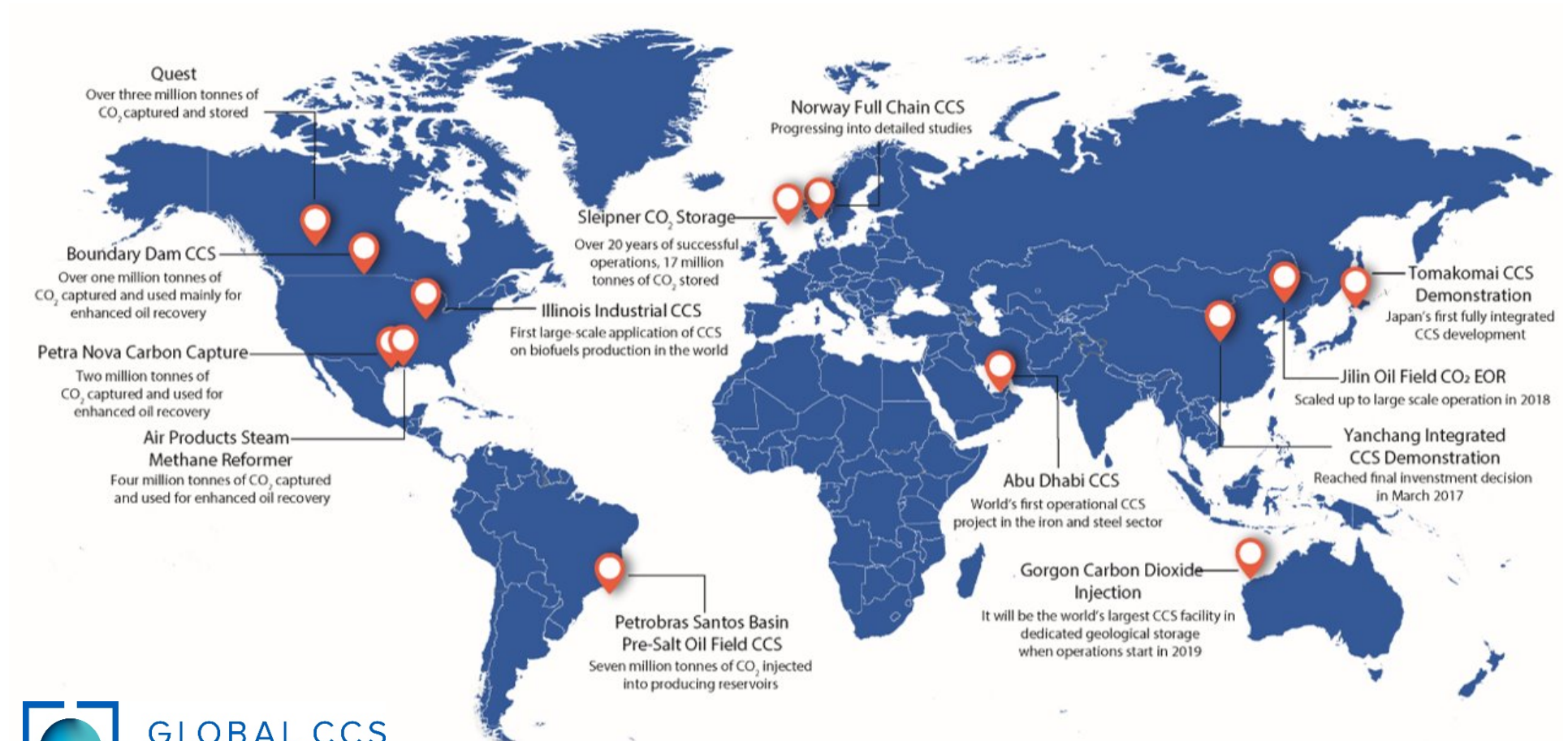
Who are we?

Our internationally recognised name is the IEA Greenhouse Gas R&D Programme (IEAGHG). We are a Technology Collaboration Programme (TCP) and are a part of the International Energy Agency's (IEA's) Energy Technology Network.

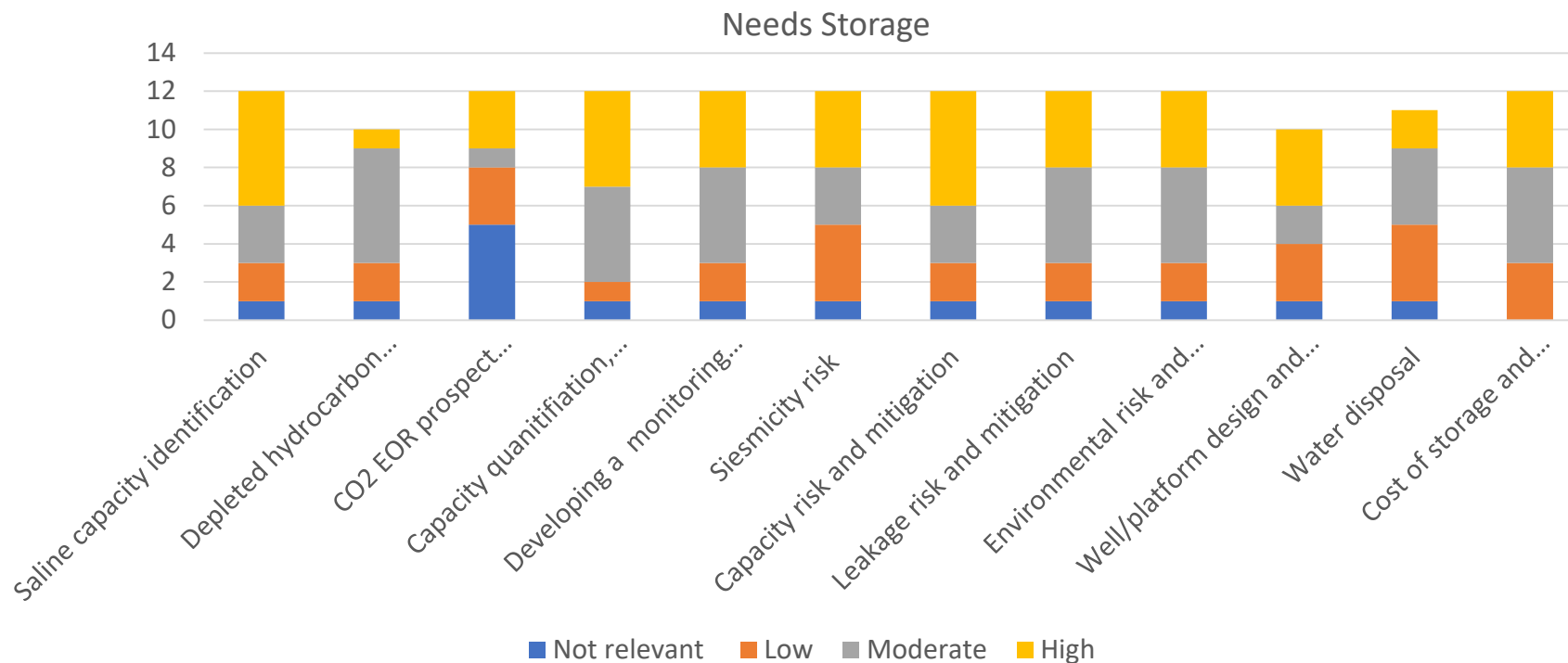
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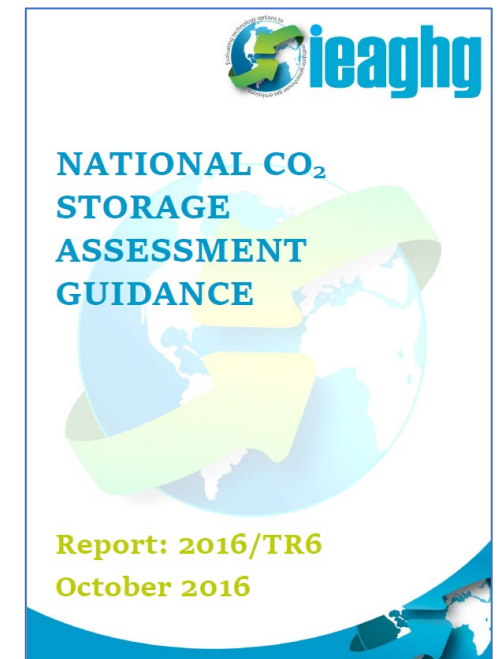
Large-scale CCS Facilities Globally Proving the Technologies work



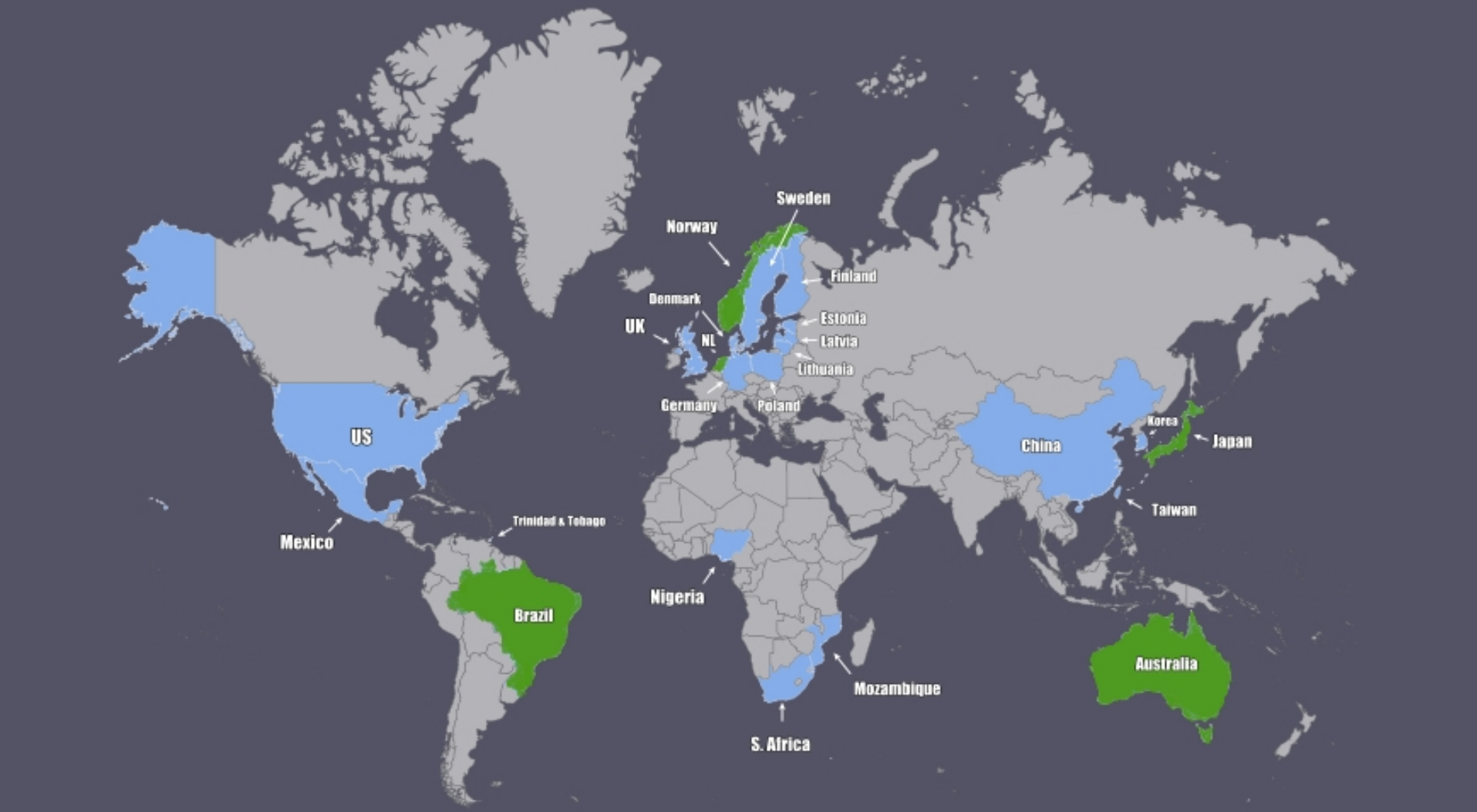
Information needed to progress toward CCS decision? Storage



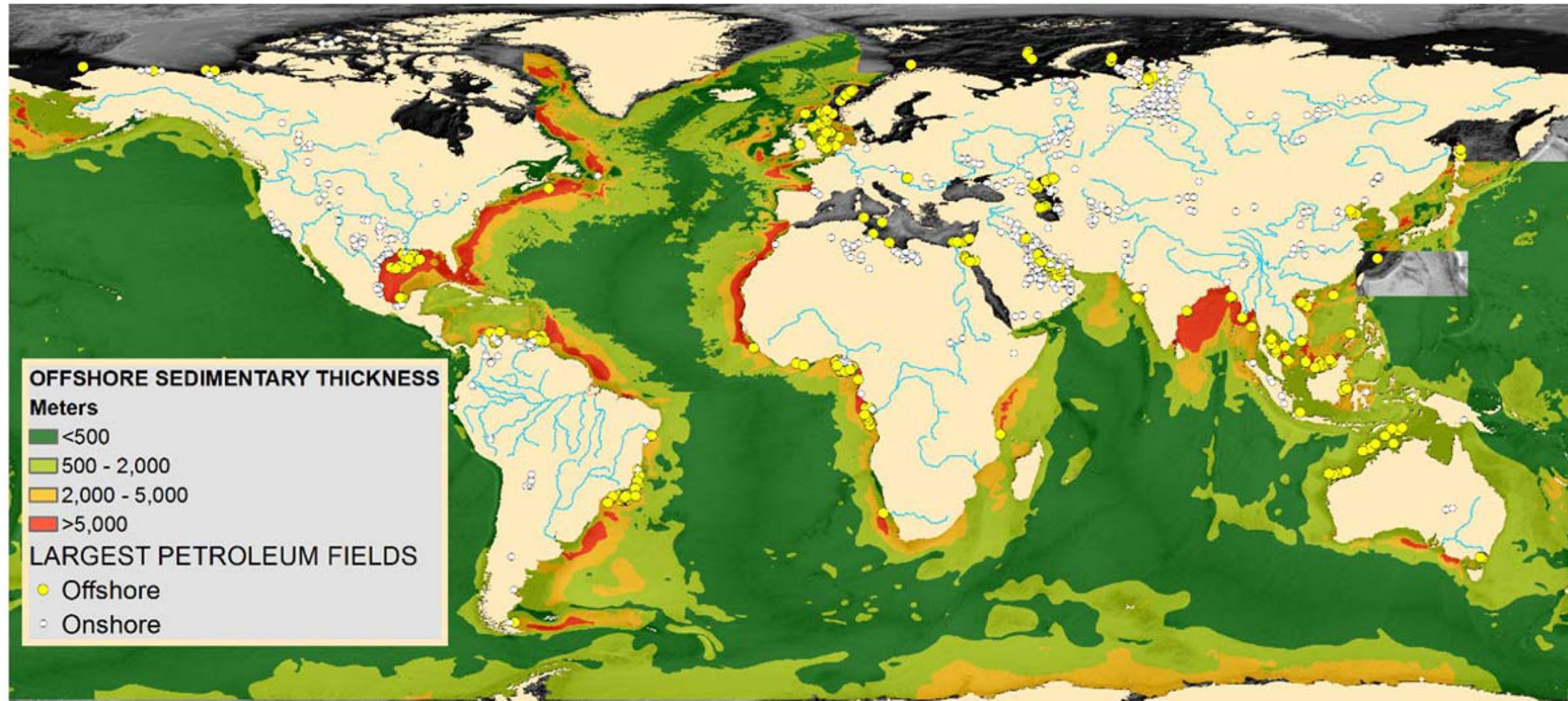
17 countries surveyed, 2016
Sue Hovorka, BEG, 2016



Countries looking at Offshore CCS



The global offshore continental shelves represent the largest near-term storage for Gigaton-scale CCS



Ringrose and Meckel, Nature 2019

- Paris Agreement 2015



- Nationally Determined Contributions - to be updated every 5 years, to “represent a progression”, first update in 2020 for COP26

UNFCCC Side-event

Carbon Removal and Return – Can CCS Decarbonise Industry in South America and help the oceans? ?

Organisers: IEAGHG, University of Texas, International CCS Knowledge Centre, Bellona and CCSA. COP-25, Madrid, 4th Dec, 16:45.

- **CCS introduction and context setting** – Tim Dixon IEAGHG (Chair)
- **IPCC SR on Oceans and the Cryosphere** - Carol Turley, PML, UK
- **Direct Air Capture** - Jen Wilcox, Worcester Polytechnic, USA
- **Monitoring, Safety and Technology Transfer** - Katherine Romanak, The University of Texas, USA
- **Developing a National CCS Programme in Trinidad and Tobago** - Andrew Jupiter, University of the West Indies, T&T
- **CCS to Decarbonize Cement** – Beth Hardy, International CCS Knowledge Centre, Canada
- **Sustainable Jobs from BECCS in South America** - Piera Patrizio, IIASA, Austria
- **CO2 Transport and Storage: A Flexible Low Carbon Infrastructure**, Keith Whiriskey - Bellona, EU
- **Summing Up and Key messages** - Tim Dixon IEAGHG, UK

100 attendees and IISD coverage



United Nations
Framework Convention on
Climate Change



Tim Dixon, General Manager, IEAGHG, addresses participants.



Katherine Romanak, Bureau of Economic Geology, University of Texas at Austin



Carol Turley, Plymouth Marine Laboratory, UK



Andrew Jupiter, University of the West Indies, Trinidad and Tobago



A view of the room



- Progress ✓
- Information needs continue
- How to meet these needs?
 - Capacity Building, International Knowledge Sharing workshops, etc
 - Funding: World Bank, ADB, GCF, CTCN
 - Encourage and support more of the same, other ideas??



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