



CO₂ Storage Resource Catalogue

SPE CCUS Conference 2020

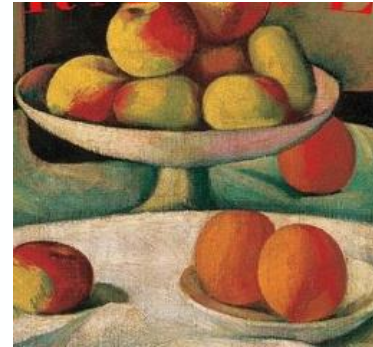


Background

- Net zero legislation - growing need for CCS
- Growing need for understanding of CO₂ storage resource
- Many evaluations, little consistency
- Solution: one central catalogue with consistent assessment against the SRMS...
... the CO₂ Storage Resource Catalogue



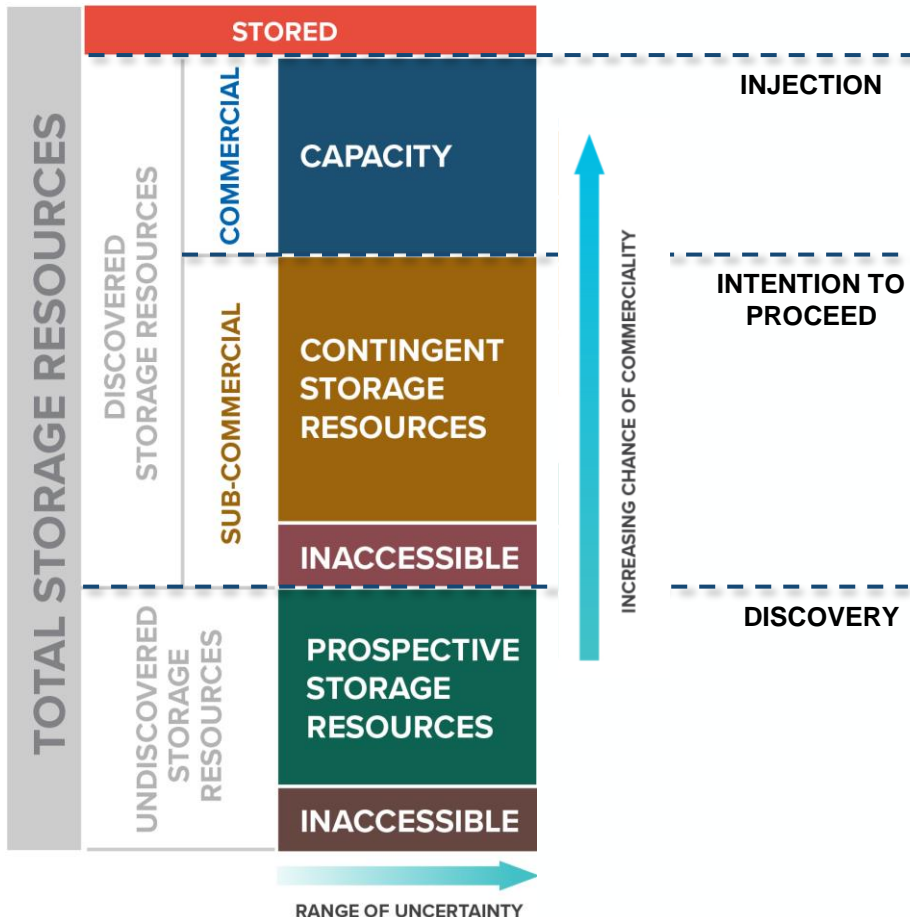
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The Storage Resource Management System (SRMS)



- Developed by the SPE
- Consistency – international usage
- Saline aquifers and depleted hydrocarbon fields
- Project-based system
- Classifies storage resource against:
 1. Geological uncertainty
 2. Commercial maturity

‘Discovery’ = *“One geologic formation, or several collective geologic formations, for which one or several wells have established through testing, sampling, and/or logging the existence of significant storable quantities.”* (SRMS, 2017)

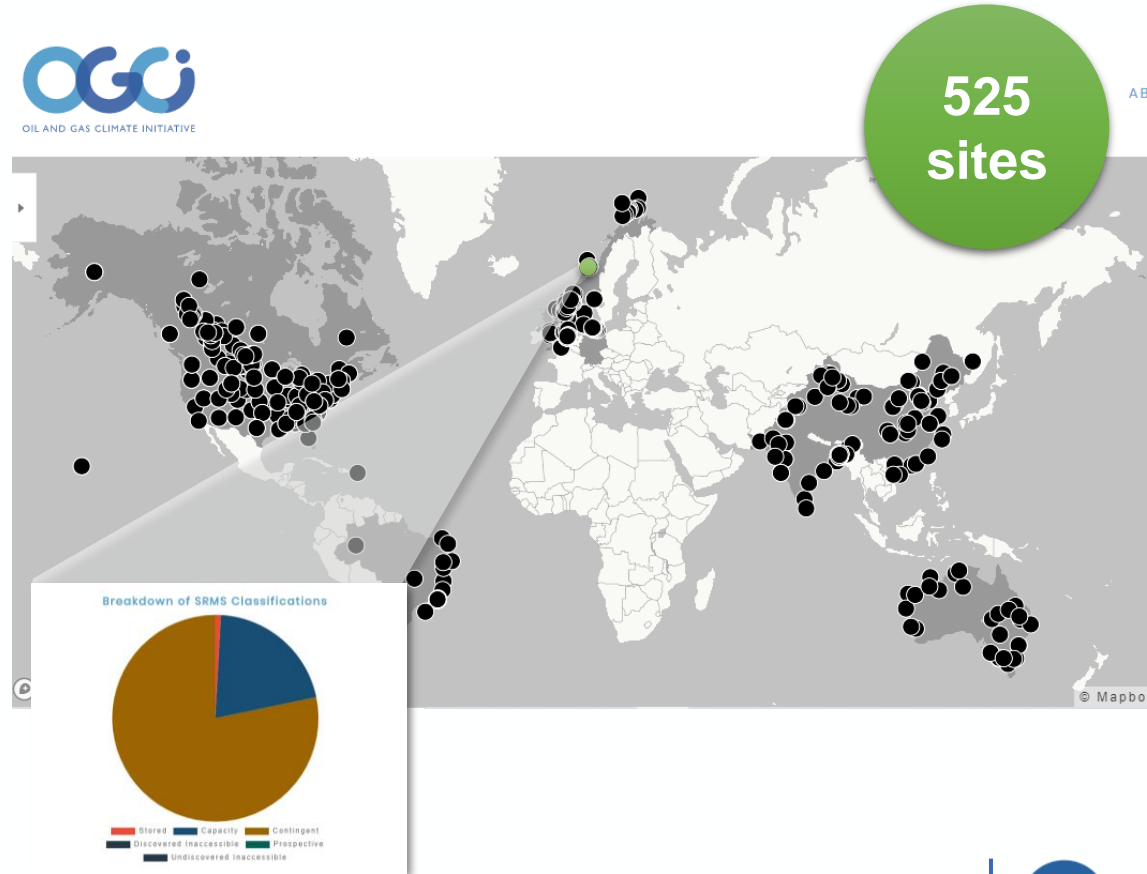
Creation of the CO₂ Storage Resource Catalogue

1. Collation of evaluated storage resource evaluations

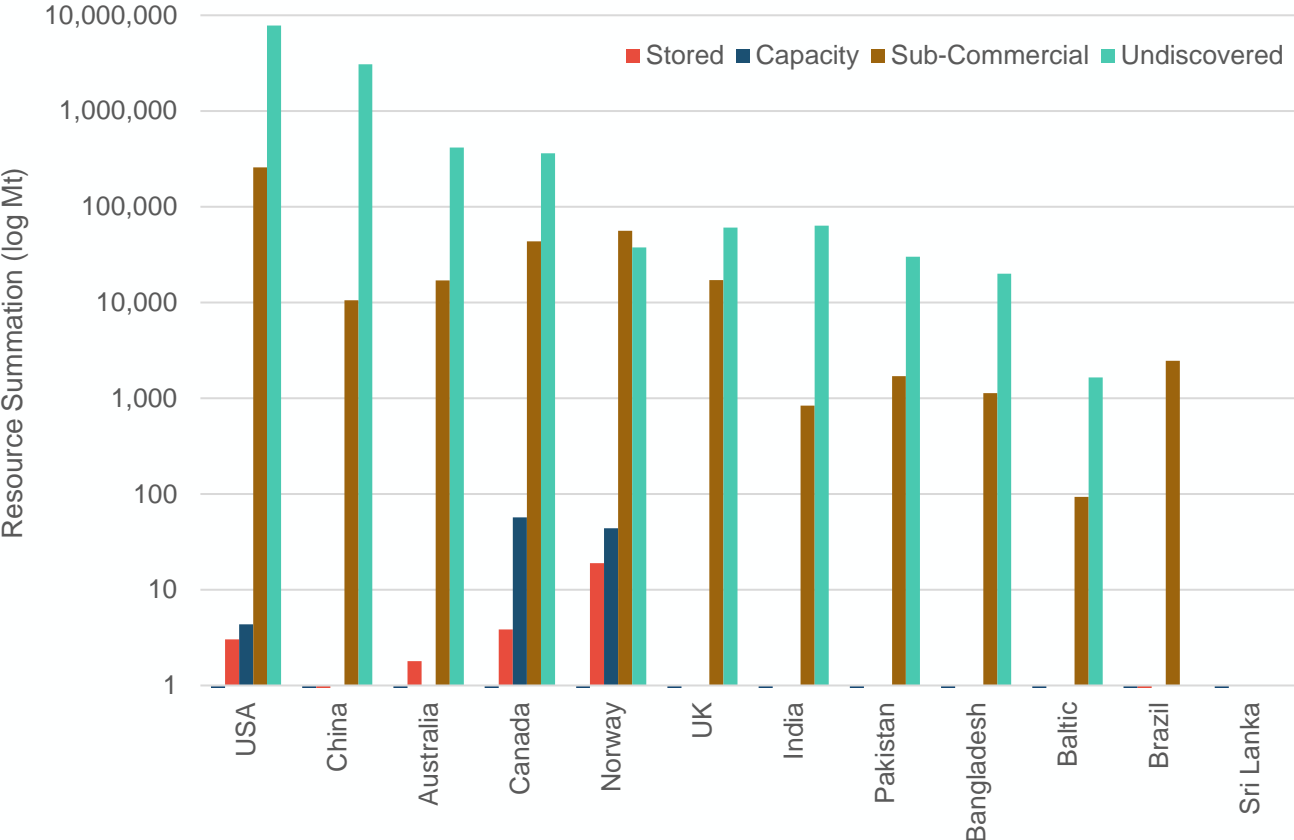
Canada
USA
Brazil
Australia
UK
Norway

India
Sri Lanka
Bangladesh
Pakistan
China
Denmark

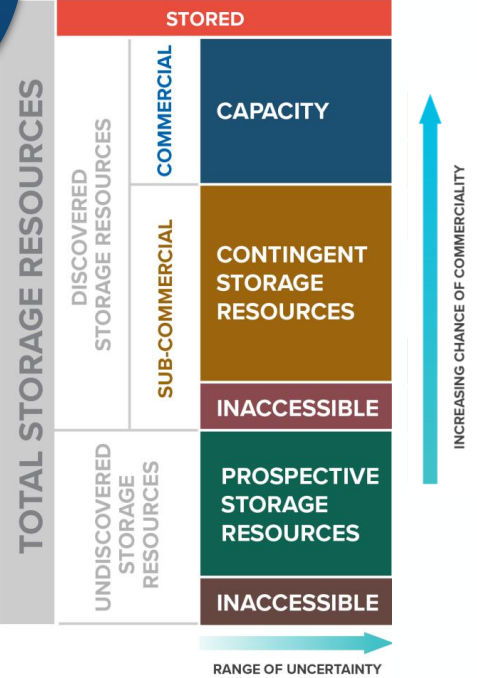
2. Assessment against the SRMS
3. Online global storage resource database
4. Year 1 of a 6-year programme
5. Submissions welcome



Global Storage Resource Maturity: log scale



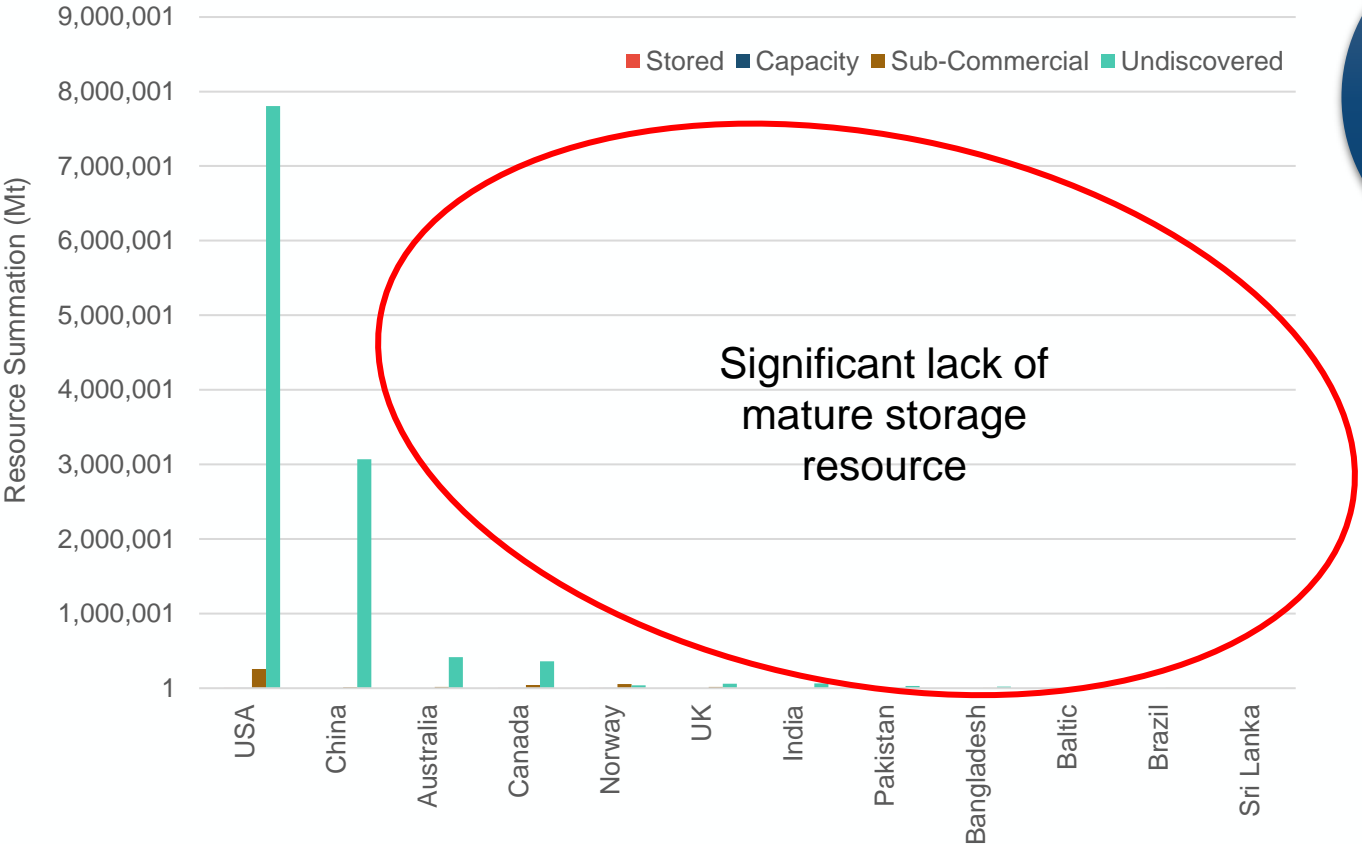
12,267 Gt globally*



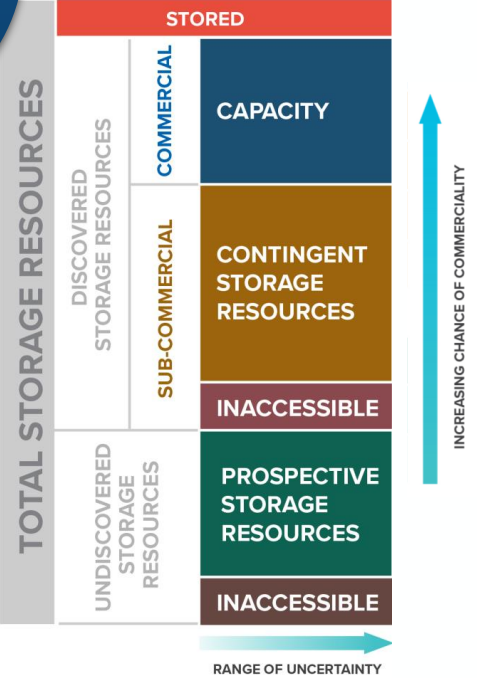
*Aggregated global storage resource, including both project and non-project specified resource



Global Storage Resource Maturity: normal scale



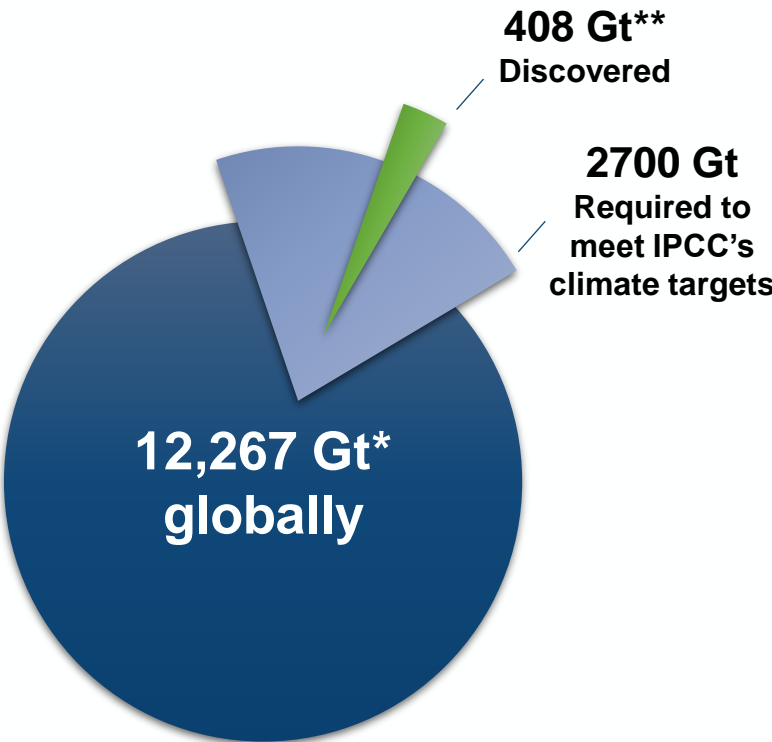
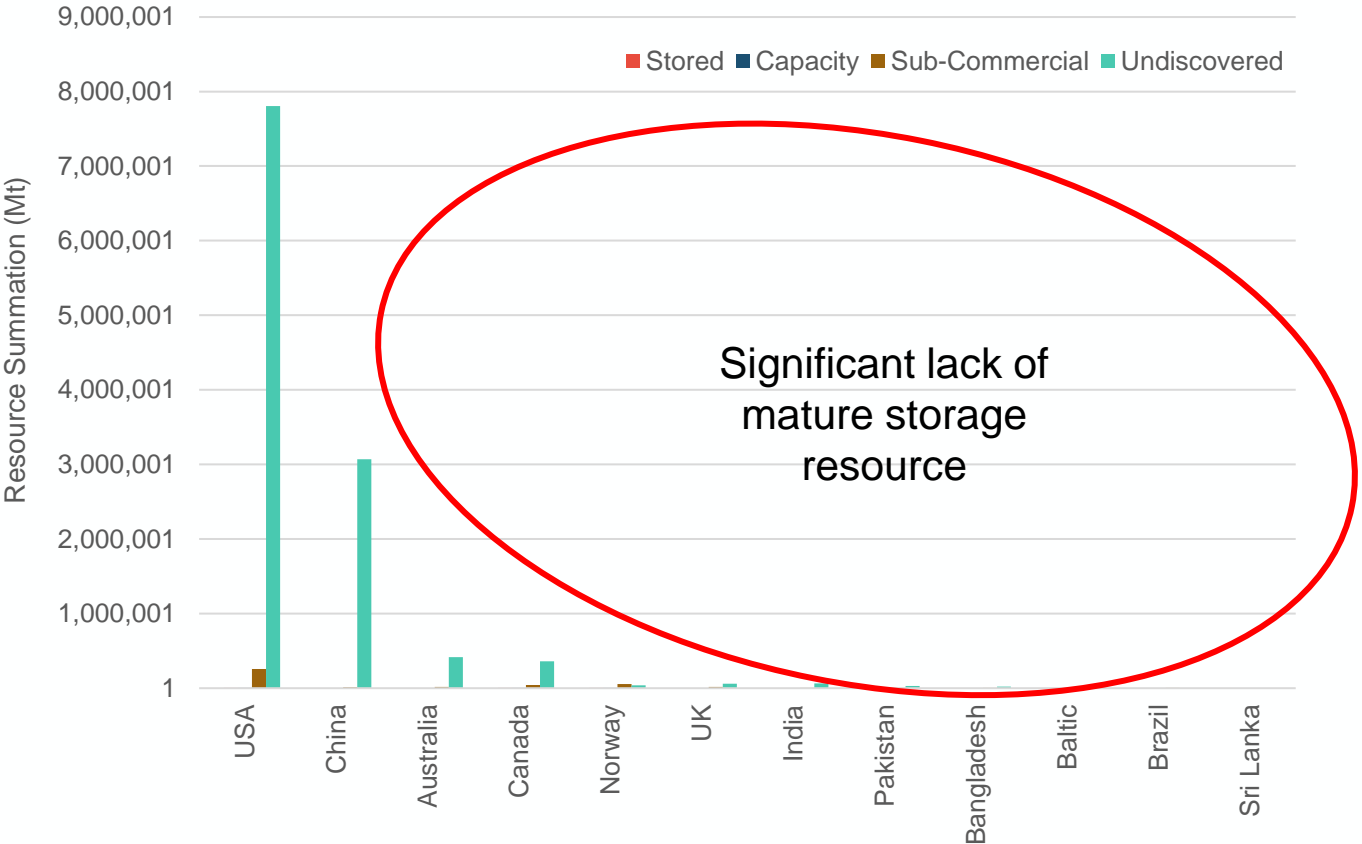
12,267 Gt globally*



*Aggregated global storage resource, including both project and non-project specified resource



Global Storage Resource Maturity: normal scale



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To find out more, please visit:

<https://oilandgasclimateinitiative.com/co2-storage-resource-catalogue/>



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