



Task Force to Review and Identify Standards for CO₂ Storage Capacity Estimation

Phase 3 Issues

Stefan Bachu, Canada, Chair

Potential Subjects for Phase 3



1. Coordination of methodology for CO₂ storage capacity estimation with other national and international working on this subject, including the Geologic Working Group of the USDOE Regional Carbon Sequestration Partnership Program. This work may include further development and refinement of the Resource Pyramid for CO₂ storage capacity.
2. Compilation of representative case-studies of CO₂ storage capacity estimation at various scales and in different geological settings, including compilation of data on various coefficients that are used in CO₂ storage capacity estimations.
3. Provision of support to the Task Force on Capacity Building in training and applying the methodologies for estimating CO₂ storage capacity along the full chain from country-scale to site-scale, and from theoretical to matched capacity, to one or more developing economies in CSLF.

Potential Subjects for Phase 3



1. Coordination of methodology for CO₂ storage capacity estimation with other national and international working on this subject, including the Geologic Working Group of the USDOE Regional Carbon Sequestration Partnerships Program This work may include further development and refinement of the Resource Pyramid for CO₂ storage capacity:
 - a) Requires coordination with other national bodies
 - b) May require significant time resources and minor budget for refining the resource pyramid along the models used in the oil and gas and mining industries
 - c) Propose establishment of a Joint Sub-Committee between the CSLF Task Force on CO₂ Storage Capacity and the Geologic Working Group of the USDOE Regional Carbon Sequestration Partnerships Program to address this issue

Potential Subjects for Phase 3



1.
2. Compilation of representative case-studies of CO₂ storage capacity estimation at various scales and in different geological settings, including compilation of data on various coefficients that are used in CO₂ storage capacity estimations
 - a) Requires significant resources for case-studies (manpower, financial, data...)
 - b) Requires time resources to follow up literature and compile data
 - c) Propose having Brazil joining the Task Force



Potential Subjects for Phase 3

1. ...
2. ...
3. Provision of support to the Task Force on Capacity Building in training and applying the methodologies for estimating CO₂ storage capacity along the full chain from country-scale to site-scale, and from theoretical to matched capacity, to one or more developing economies in CSLF.
 - a) Requires staff time and financial support for development of material and travel
 - b) Requires coordination with the Capacity Building Task Force of the Policy Group (Chair involved with that Task Force – requires endorsement)



Technical Group Opinions
and Recommendations?

What is the Level of Support?