

Comments re the Carbon Sequestration: Carbon Capture, Removal, Utilization, and Storage Program (SB 905) 2025-2-27

Brief CV

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- Over forty-five years practical experience and expertise in innovation, venture investing, eco-efficiency, oil sands and heavy oil, CO₂ EOR, resource development, project management, leadership, strategic planning and economics with a proven ability to successfully implement innovations and support entrepreneurs and develop new resource areas.
- Specific to these comments, I held various leadership roles for about five years within the Weyburn Business Unit of EnCana during Phase 1 of the IEA Weyburn Project [Summary_Report_2000_2004.pdf \(SECURED\)](#) and had extensive interactions with both EnCana and IEA technical experts. In my current consulting role, I have assisted Enhance Energy Inc. [ENHANCE ENERGY](#) since 2016 to develop a Measurement, Monitoring and Verification (MMV) plan for their Clive CO₂-EOR Project, track and report CO₂ offsets and prepare various reports required by both the Provincial and Federal governments.
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Comments re the workshop and CCUS in general. Apologies for the brevity but this is a very busy time for me.

- CCUS in existing oil and gas operations is a win-win
 - Enhances oil recovery. It's important to recognize that the world still uses and will continue to use oil for a long time into the future. Why not use oil that has been produced by injecting CO₂ to reduce its' production footprint.
 - Can often use most of the existing infrastructure.
 - Operations, project management and technical staff are in place and can continue to be effectively used.
 - Public in the area are familiar with existing O&G operations and CO₂ EOR is not much different = local public support vs. fear of unknown.
 - Storage complex is well defined by existing wells and production and the fact that it held oil and gas for millions of years. The main risk is leakage from existing or new wellbores. Managing this risk requires a monitoring and mitigation program and is a requirement for projects in Alberta. Industry knows how to do this.
- The easiest tonne of CO₂ to sequester is the tonne that wasn't emitted in the first place.
- CCUS projects should have a stand-alone business case without government (i.e. taxpayer support) given the potentially fickle nature of support programs. Weyburn had minimal support.
- I was especially sympathetic to the messages from the Central California Environmental Justice Network. Local air quality should not be compromised to abate CO₂ emissions.
 - I saw only the brief overview of the proposed CCUS projects in the CC area but they do appear to have negative local impacts.
 - Can the impacts be mitigated so that potential benefits (local jobs) are realized.

Useful links

- [AEOR Listing Detail](#) Offset Project Plans and Reports for crediting under the Alberta TIER regulations
- [dataset - Open Government](#) Knowledge sharing reports filed in support of both the Shell Quest and Enhance Clive Projects