



## Carbon Lifecycle Technology Consulting



### CLTC History

Carbon Lifecycle Technology Consulting began in 1995 providing mapping consulting to what was then Petroleum Information (PI) corporation as a member of their User Group. The operation was established with the idea of applying technology to the understanding of the entire anthropomorphic carbon lifecycle, from geologic deposition and hydrocarbon development through extraction and reburial. Over the next decade CLTC consultants provided educational and consulting services to global professional organizations and academic institutions including the University of Texas at Dallas, the National Centre for Petroleum Geology and Geophysics at The University of Adelaide, the University of New Orleans, and the Interscholastic Association of Southeast Asian Schools. CLTC members gained credibility in the petroleum industry, speaking on topics ranging from geophysics and potential fields exploration to technology and data management at conferences sponsored by the SEG, AAPG, SPE and EAGE. CLTC authors have been represented at technical seminars and participated in geologic field work on all six populated continents from Beijing to Bahrain, Auckland to Oslo, and Calgary to Caracas.

In 2009, Jess Kozman, with three decades of experience in the oil and gas industry, took over leadership of CLTC as a Houston-based consulting firm with a global presence. He decided to focus the short term efforts of the company on technology development and data management expertise, while developing a platform for meeting the needs of the Carbon Sequestration industry segment as the financial business case matured. Mr. Kozman brings to CLTC experience as an interpreting geophysicist in Texas, Louisiana and New Mexico, an IT management background including network and workstation configuration and data storage, planning, acquisition, processing and delivery of geophysical surveys with a data brokerage firm, and 9 years as the primary Business Owner of Schlumberger's Information Management business line in both Southeast Asia and North America. Jess is a Certified Petroleum Geophysicist, a Licensed Professional Geoscientist, and a registered Project Management Practitioner. He is an acknowledged global expert and has facilitated workshops on hierarchical storage management, data management maturity, and project and change management for the business aspects of information technology. Under his direction, CLTC has seen an exponential growth in both the breadth and depth of their technology consulting engagements. Their clients now include oil and gas companies, independent software vendors, technology consulting firms, and oil IT technology organizations.

Current engagements at CLTC include:

- Application rationalization and data management strategies for Mid-Continent shale operators
- Selection and optimized configuration of data management middleware for asset teams
- Managing on-time and at-budget commercial release of horizontal drilling logging software
- Marketing and implementing a training course for Petrel project data management
- Marketing, design consulting and business development services for workflow software
- Developing targeted deployment plan for data management application plug-ins
- Implementing test plan for new Extract-Transform-Load data management software
- Requirements gathering for enterprise integration of GIS business workflow applications
- Technology watch and review services and technical writing for Oil and Gas IT solutions
- Application of hydrocarbon data management strategies to CO2 sequestration projects