



## KEVIN L. JOHNSON

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Mr. Johnson is a Vice President of Cventure LLC, with over 30 years energy and environmental consulting experience, focusing on climate change, 3<sup>rd</sup> party verification, greenhouse gas (GHG) emissions inventories, sustainability programs, carbon footprinting, and offset projects. In 2007, he co-founded Cventure LLC (in partnership with Wiley Barbour), a sustainability/GHG consulting services firm, specializing in 3<sup>rd</sup> party verification, carbon footprints, corporate strategy development, sustainability program reviews and report verification, quantification methodology development, and carbon offset projects.

Mr. Johnson was a primary author of the “*Corporate GHG Verification Guideline*” (a CDP-approved verification standard) for ERT and U.S. EPA Climate Leaders; drafted the verification guidelines for the American Carbon Registry (ACR); served as manager of verification programs for ERT-Winrock; and performed dozens of verification projects for over a decade, including the first corporate electricity footprint/renewable energy verification conducted under the WindMade standard. Prior to forming Cventure LLC, in 2005 Mr. Johnson founded Carbon Solutions, Inc.

Previously, Mr. Johnson served as the leader of URS Corporation’s corporate GHG/climate change practice, and was manager of several, multi-million dollars per year programs at Radian Corporation: natural gas industry sector (corporate), and air quality consulting (regional). Some of his other project management experience includes GHG emission inventories and protocols, carbon offset project assessments, project/technology feasibility studies, environmental management information system (EMIS) implementations, emission credit verification and trading support, gap analyses, benchmarking, and life cycle analysis. Some climate change clients have included Bloomberg LP, Entergy, News Corporation, Exelon, Broadridge Financial Solutions, 21<sup>st</sup> Century Fox, Compuware, ICF, Finch Paper, Monroe Capital, BlueSource, Wal-Mart, El Paso Energy, Albertsons, Marathon, EDF, Unocal, DOE, GRI, and EPA.

### Cventure LLC

**2007 – Present: Founding Member/Manager.** Providing sustainability reporting and GHG inventory/carbon footprint reviews and verification, strategic advice and due diligence, customized protocols and quantification methodologies, project validation and verification, and other sustainability program support services. Some Cventure project management examples include:

- Sustainability GRI reporting verification: for a major financial services/media company, conducted a detailed review and independent 3<sup>rd</sup> party verification of the firm’s Global Reporting Initiative (GRI) corporate sustainability report. Assurance program conducted according to the AA1000AS standard. Based on the Cventure assurance activities performed, and GRI reporting improvements subsequently made by the client, the sustainability report received an A+ grade by the GRI.
- Corporate GHG emissions inventory ISO verification: for a major electric utility, performed 3<sup>rd</sup> party verification of their annual GHG emissions inventory. Verification activities were conducted in accordance with the ISO14064.3 verification standard. Continuous emissions

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monitoring data for several dozen power plants, power purchases, and various small source emissions verified, with several site visits conducted, based on a Cventure sampling plan.

- CDP reporting benchmarking and support: for a corporate data management/communications company, conducted a benchmarking evaluation of their Carbon Disclosure Project (CDP) GHG emissions reporting performance compared to industry sector leaders and competitors. Identified areas of improvement in terms of reporting, reduction projects, risks and opportunities, corporate strategy, and data collection & quantification methodologies.
- Annual GHG emissions inventory verification: for over a half dozen commercial firms in various industry sectors, have been performing annual verification activities for their GHG emissions inventories. In most cases, verifications conducted according to the *Corporate Greenhouse Gas Verification Guideline* by ERT Tier II standard.
- Methodology development and technology due diligence: developed a carbon offset project quantification methodology and project plan documentation for an industrial energy efficiency project, to support future monetization of carbon offsets; and conducted a Phase 1 due diligence review of a new CO<sub>2</sub> control technology, to support a financial firm's investment decision.

### ERT-Winrock

**2008 – 2009: Manager, Verification Operations:** Provided carbon offset project assessments, project validation and verification, MRV protocol development, emission credits quantification and reporting, and carbon footprint verification for a variety of commercial players in the carbon marketplace. Drafted the verification standard for the American Carbon Registry (ACR).

### Carbon Solutions, Inc.

**2005 – 2007: Vice-President.** Provided CO<sub>2</sub>/climate change general consulting and advisory services to various sectors, including:

- CO<sub>2</sub> EOR Geologic Sequestration Corporate Strategy and Business Model: for an independent oil producer, developed a draft bill for the State Legislature for establishing a voluntary CO<sub>2</sub> emissions reduction and geoseq program, including State business tax credits promoting capture and transmission of CO<sub>2</sub> to oil-producing reservoirs. Developed a corporate strategy and business model for a CO<sub>2</sub> geoseq service offering to the electric utilities, major industrials, and the general public, as an expansion of their ongoing CO<sub>2</sub> EOR geologic sequestration activities. Supported client development of source/sinks matching for CO<sub>2</sub> capture and EOR business opportunities. Developed a monitoring, reporting, and verification (MRV) protocol for the CO<sub>2</sub> emissions reduction credits created as part of a natural gas processing plant vent stack capture and CO<sub>2</sub> EOR geoseq project. Provided management oversight of ERC verification activities.
- GHG Offset Projects Evaluation: for several non-government organizations, developed project evaluation criteria and metrics for qualifying projects for a new GHG emissions reduction and trading program in the U.S. Designed a carbon offset project quality and performance metrics evaluation software tool. Evaluated over 30 projects for quantification protocols, credibility, baselines, additionality, and ownership, and recommended projects that met the requirements.

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### URS Corporation

**2002 – 2005: Corporate GHG/Climate Change Practice Leader.** Responsible for leading URS' corporate GHG/climate change practice, including advising upper management, developing business plans, leading business development efforts, project peer review QA functions, and project management. Some URS GHG project management examples include:

- **GHG Strategic Impact Plan:** for a major oil company, developed strategic impact plan for GHG emissions. Included review of historical inventories, forecasts, benchmarking analyses, potential reduction opportunities, assessing regulatory and technical constraints and financial risks. Evaluated company's GHG strategic position relative to industry peers. Results presented to Executive Committee and Board as basis for corporate reduction commitment.
- **CDM Project Feasibility Study:** for a major energy company, performed CDM feasibility assessment of three (3) GHG emissions reduction projects in Latin America: fuel switching, reduced venting and flaring, and combined cycle gas turbine power. Estimates developed for emissions reduction performance, and assessments of baselines, project additionality requirements and prospects, socioeconomic indicators, and country government support.
- **EMIS Implementation and GHG Inventory Development:** for a major integrated energy company, implemented an enterprise-wide GHG emissions EMIS. This API Compendium-compliant EMIS is being used to prepare annual GHG emissions inventories and reports, monitor GHG emission allowance position, and drive corporate emissions trading strategy.
- **GHG Verification:** for ERT in support of U.S. EPA's Climate Leaders, lead author on inventory verification guidelines, tiered elements, guidance on activities/approach, and audit documentation. Also managed numerous GHG verification projects in various industry sectors.

**1996 - 2002: Senior Project Manager, GHG/Climate Change Services.** Some GHG project management examples include the following:

- **GHG Benchmarking and Protocol Development:** for a major oil company, performed benchmarking analyses of Business Unit GHG inventory data, to identify potential reduction opportunities, and management system areas of improvement.
- **CDM Credit Market Analysis:** for a major oil company, provided detailed analysis on a variety of international CDM project development strategic issues, including qualifications, U.S. entity participation, credit ownership, market development, certification mechanics & costs, potential liability. Results used in corporate strategy, capital projects prioritization.
- **GHG Emissions Protocol, Inventory, and EMIS:** for a major electric utility, developed GHG emissions protocol; implemented entity-wide GHG EMIS; prepared GHG inventory, in support of utility's corporate GHG strategy and public reporting and reduction commitments.
- **GHG Protocol and ERC Verification:** for a major energy company, developed GHG emissions reduction quantification protocol and credit creation report, and conducted field verification activities for a coal mine methane recovery project in the U.S.

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### Radian Corporation (1984 – 1996)

**Corporate Client Sector Manager, Gas Industry.** Responsible for corporate account management for natural gas industry sector business, managing growth in sectoral book of business from less than \$1 Million to over \$3 Million per annum.

**Program Manager.** Client program management and supervision/oversight of 4-5 project directors, managing air quality consulting practice of over \$5 Million per year at its peak.

### **EDUCATION**

B.S. Chemical Engineering (with honors), Purdue University.