



Charles E. Williams

Mr. Charles E. Williams is Vice President, Treasurer and a Director of Clean Air Action Corporation (CAAC) and is located in Evergreen, Colorado. Since 1986, Mr. Williams has been actively involved with innovative air pollution, ozone and greenhouse gas control strategies.

Charlie has been working with CAAC's TIST program since its inception in 1999, helping expand the combined carbon sequestration and poverty relief program to over 93,000 subsistence farmers and 18 million counted trees, in four developing countries. He is responsible for the successful validation and verification of 14 VCS (Verified Carbon Standard), seven CCB (Climate, Community and Biodiversity Standard) and one CDM (Clean Development Mechanism) projects and 28 successful verifications. Some of these were the world's first project to be dually validated and verified under the VCS and CCB; first project to be verified under the CCB and the first to be verified at the gold level; and the first American company to have a reforestation project validated under CDM. TIST was voted the Best Offsetting Project in the world by Environmental Finance for 2016 and 2014 and was runner-up in 2015. CAAC was voted the Best Project Developer (forestry) by Environmental Finance for 2015 for TIST in 2015 and runner up in 2016.

Charlie possesses detailed knowledge of various emission control technologies, including their potential for generating emission reduction credits (ERC). He has worked with numerous mobile source strategies, authored and evaluated NO_x and CO₂ reduction protocols for many power plants and other stationary sources, and is internationally recognized for his ERC quantification work. He was an active participant in the development of several international emission trading systems, chairing subjects such as design issues, trading rule development, and trading system implementation and providing expert assistance to several State and Provincial governments. His work has saved CAAC clients literally millions of dollars and, at the same time, made the air significantly cleaner.

Prior to joining CAAC, he spent five years as Vice President of a \$30 million alternative fuels plant where he oversaw an 87% plant expansion for less than 6% the original cost. In addition, he has experience in exploration, extraction, transport, use and combustion of both solid and liquid fuels.

Charlie has over 36 years of PC-based computer experience in both hardware and software. Using his computer and ERC experience, he helped develop a low cost, high tech approach to collecting project data from tens of thousands of discrete project areas and households. The result is the proprietary and award winning TIST Data System.

Other projects have included a feasibility study for a grassroots chemical plant; cost evaluation of alternative emission compliance strategies; evaluation of the pricing of the sulfur allowances under the Title IV program; and due diligence reviews as an independent third party.

Mr. Williams possesses a MS in Geology from Oklahoma State University.