



Asad Alsowayeh

Asad Alsowayeh is a man on a mission. He is leveraging years of expertise as an environmental engineer focusing on air quality issues to become an expert in finding better ways to estimate and manage greenhouse gas (GHG) emissions.

He is a member of the company's greenhouse gas emissions management program (GEMP) and has identified areas of interest that will significantly enhance his knowledge of various aspects of GHG emissions management - such as accounting, assurance, key performance indicators and target setting, and other best practices. This is part of an effort to improve the company's sustainability profile.

Alsowayeh, who holds a master's degree in environmental engineering from the University of Southern California and a bachelor's in engineering from Edinburgh Napier University, searched far and wide for professionals in the United States who he considered were doing the most exciting work in his field.

He found KERAMIDA, a global environmental, health, safety and sustainability services firm. It has offices across the United States, is headquartered in Indiana, and has a broad range of clients – from industrial plants to power and utilities – for whom it tracks sustainability, environmental, and health and safety performance. KERAMIDA is recognized as one of few companies in the U.S. that qualifies as a certified training partner of the Global Reporting Initiative (GRI).

The main goal of his assignment is to focus on GHG

Aramco environmental engineer teams up with U.S. environmental and sustainability consultancy

emissions management and sustainability reporting. Asad has been able to engage with KERAMIDA and work on several projects. The lifecycle analysis of GHG emissions was an area of interest for him and he learned the techniques for understanding how to model the impact of carbon dioxide and other GHG emissions.

"Sustainability efforts are taking on a larger role at Aramco, and what KERAMIDA is doing with GHG lifecycle analysis is innovative and illuminating," Alsowayeh said. Efforts are underway to expand the use of lifecycle analysis when looking across a company's new projects, he said.

Also, Aramco is part of the Oil & Gas Climate Initiative, which is addressing GHG issues.

For Mack Overton, Senior Vice President of KERAMIDA, which is in the process of becoming a vendor to Aramco, the partnership brought a talented professional to KERAMIDA's team and allowed the company to gain a deeper understanding of Aramco's needs.

"Asad has been a great addition to the KERAMIDA team," said Overton. "We've enabled him to expand his knowledge of sustainability and GHG in particular, a field that is growing in importance, while we gained an appreciation for his needs at Aramco. In addition, he has helped us carry out important projects for clients."

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