

Solas Energy® provides comprehensive strategy and consulting services for renewable energy solutions throughout the US and Canada. With over 20 years of experience in project development, construction management, and climate change advisory, Solas Energy – Canada uses its expertise to advise investors in Environmental, Social, and Governance (ESG) practices and Greenhouse Gas (GHG) processes, technologies, and markets.



3,000,000 Tonnes CO<sub>2</sub>e  
Offsets Commoditized



5,000 Megatonnes  
CO<sub>2</sub>e Reductions  
Quantified for Emerging  
Technologies by 2035



16+ years GHG  
Validation Experience



Advised GHG Policy  
Evolution Since 2009



International  
Organization for  
Standardization  
(ISO) 14044  
(ISO) 14064-Part II

## Our ESG and GHG services:

### GHG Offset Validation, Marketing, and Commoditization

- Strategies to maximize the value of GHG offsets and environmental attributes
- Renewable energy offset sales, validation, and compliance support
- GHG offset agreements and structuring

### GHG Quantification and Net Environmental Benefit Forecast

- Environmental impact and technical evaluation of emerging technologies
- Project documentation for Scope 1, 2, and 3 emissions and reduction strategies
- Cradle-to-grave life cycle assessments (LCAs) of energy technologies, following ISO 14044 standards
- GHG quantification and validation conducted under ISO 14064

### Clean Fuel and GHG Policy

- Advisory on regional, national, and international GHG regulations
- Cap-and-trade and intensity-based reduction systems across North America

### Carbon Intensity (CI) Assessment for Transportation Fuels

- Expertise in hydrogen, biofuels, and zero-emission vehicles

### Environmental, Social and Governance Advisory Services:

- C-level ESG strategy and reporting advisory for industrial and commercial sectors
- Integration of ESG metrics into project development and financing
- Support for aligning disclosures with leading frameworks

**Clarity in carbon,  
Confidence in ESG**

*"We have an active offset project generating carbon credits and other GHG reporting requirements. We use Solas Energy exclusively to guide us in the execution of this work. Solas Energy provides exceptional advisory services on GHG emission reductions and offset quantification. They have intimate knowledge of GHG policies."*

**Plant Manager**  
Capstone Infrastructure

*"Solas Energy provided us with a succinct, yet very comprehensive report setting out the structure of the likely future of carbon in Alberta, as well as an overview of the recently published Clean Fuel Regulation. The quality of work was excellent, delivered exactly what we were looking for within a very tight timeframe over a challenging period. This supported us in making valuable and informed decisions about future capital investments."*

**Manager of Corporate Development**  
ATCO

## Contact Us Today to Learn More

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**Innovative. Comprehensive. Trusted.**

