



Hydrogen Advisory and Development

Independent expertise across the hydrogen value chain.

Independent advisory support across production, storage, transport, refueling, and end-use — from concept through permitting and deployment.



Expert Advisory
& Market Insights



Fleet Decarbonization
Strategy



Project Feasibility
& Assessment



Development &
Regulatory Support



Canadian Hydrogen Association | Association Canadienne de l'hydrogène

Solas Energy is an active participant in Hydrogen Alberta, a subset of CHA (Canadian Hydrogen Association)

Our Services

1. Project & Permitting Strategy

- Regulatory roadmaps & approvals sequencing
- Permit application support
- Code & standards interpretation (CSA, ISO, NFPA)
- Stakeholder & Indigenous engagement

3. Safety, Risk & Compliance

- Integrated project schedules and interdependencies
- Permitting and stakeholder strategy memos
- Risk matrices and mitigation strategies
- Document control, change management, reporting

2. Technical & Engineering Advisory

- Production tech evaluation (PEM, AEL, ATR+CCS)
- Storage & transport systems
- Refueling station planning (H35/H70)
- Owner's engineering & due diligence

4. Carbon, Market & Feasibility

- Carbon intensity (CI) modeling
- LCA analysis
- Market deployment advisory
- Site selection & feasibility

Your Challenges

Regulatory Complexity →
Technology Risk →
Carbon Uncertainty →

Our Solutions

Roadmap & Permitting →
Independent Evaluation →
CI & LCA Modeling →

Bankable Results

Faster Speed-to-Market
Reduced Capital Risk
Maximum Subsidy Eligibility

**Navigating Complexity.
Powering the Hydrogen Economy.**

"Solas Energy has been a key partner in project site selection and feasibility, enhancing our efforts to guide heavy industry through the great green upgrade. The Solas Energy team is highly responsive, with the expertise needed to move forward in the rapidly evolving hydrogen market."

CEO and Co-Founder
Ambient Fuels, LLC

Contact Us Today to Learn More

Solas Energy Consulting Inc.
Suite 282, 1721-29 Ave SW
Calgary, AB T2T 6T7
Phone: 403.454.9463
Email: info@solasenergy.com

**Innovative.
Comprehensive.
Trusted.**

