

The shift to zero emission vehicles (ZEVs) is accelerating, driven by policy, technology advances, and market demand.

Solas Energy® provides independent expertise across the ZEV value chain — from market entry and fleet optimization to technology evaluation and decarbonization strategy. We help clients navigate complexity with clarity, trusted insights, and actionable strategies that move projects forward with confidence.



Expert Advisory & Market Insights



Fleet Decarbonization Strategy



Project Development & Technology Review

Expert Advisory & Market Insights Services

- ZEV market assessment: customer, competitor, market, and environmental analysis.
- Proprietary modeling to forecast vehicle sales, infrastructure growth, charging demand, grid impacts, GHG outcomes, and battery supply trends.
- Market entry strategy: trends analysis, potential partners, and implementation roadmaps.

Fleet Decarbonization Strategy

- Strategies for light, medium, and heavy-duty fleet transition.
- Evaluation of electrification vs. alternative fuels (hydrogen, renewable gas, etc.), charging protocols, and infrastructure planning.
- Financial evaluation, including renewable energy integration and procurement.
- Implementation planning: risk management, capacity assessments, and change management.
- Ongoing fleet optimization, including price, range, efficiency, sales, and production.

Project Development & Technology Review

- Site selection advisory and assessment.
- Technology and feasibility reviews, including fuel cell platforms (solid oxide, phosphoric acid, molten carbonate).
- Support for scaling innovative solutions in a rapidly evolving ZEV landscape.

Market insights that unlock opportunity.

"Solas Energy has key strategy and modeling skills that have supported our journey on sustainable development and business development. I highly recommend them."

Senior Sustainability Manager
TIER 1 Telecom Company

Navigating Complexity. Driving Decarbonization.

Contact Us Today to Learn More

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Innovative. Comprehensive. Trusted.

