

Solas Energy helps governments, regulators, market-enabling organizations, and developers move from offshore wind ambition to practical, bankable implementation. We combine Canadian renewable energy development, permitting, procurement, stakeholder engagement, Indigenous engagement, GIS/constraints, and owner’s advisory experience with Netherlands-based offshore wind expertise in metocean, LiDAR, wind resource, measurement strategy, and offshore implementation.

30+ GW

Offshore Wind Zones Supported

13

Metocean Campaigns Designed & Delivered

5

Effective Project Collaboration

24

Trusted Advisory Solutions

Our Offshore Wind Services

Offshore Market Readiness & Implementation Planning

Support for governments, agencies, and market participants moving from policy or market study into executable work plans, decision gates, and procurement-ready scopes.

GIS, Constraints & Site-Screening Support

Early-stage constraints analysis, spatial planning, decision-support tools, bathymetry, fisheries, environmental, grid, and site-screening inputs for candidate development areas.

Stakeholder, Indigenous, Fisheries & Marine-User Engagement

Engagement strategy, issue mapping, consultation planning, pathways-of-effects framing, and integration of Indigenous, community, fisheries, and marine-user considerations.

Metocean & Measurement Readiness

Campaign planning, measurement strategy, LiDAR readiness, data gap analysis, procurement scoping, technical specifications, and oversight of metocean programs.

Regulatory & Permitting Pathway Support

Permitting strategy, regulatory pathway mapping, issue identification, pathways-of-effects framing, agency coordination planning, and information request management.

Procurement & Owner’s Advisory

Scope development, RFP preparation, bid evaluation, technical advisor coordination, project controls, risk tracking, and owner’s decision support for offshore work programs.

Engage Solas Energy Early.

Large technical firms are typically engaged after the scope is defined. Solas Energy helps clients define, de-risk, sequence, and procure the right offshore work before major technical programs begin.

Contact us to discuss a focused offshore wind readiness conversation.



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.



Why Solas Energy for Offshore Wind

Canadian Development Experience

Solas Energy brings 15+ years of Canadian renewable energy development, permitting, procurement, stakeholder and Indigenous engagement, GIS/constraints, and owner’s advisory expertise. We understand how projects get done in Canada — regulatory frameworks, engagement requirements, procurement processes, and development risk.

Netherlands-Based Offshore Wind Expertise

Our Netherlands-based offshore wind specialists bring deep expertise in metocean campaign design, floating LiDAR, wind resource modelling, measurement strategy, data QA/QC, and bankable reporting. With 30+ GW of offshore wind zones supported and 13 metocean campaigns delivered across five jurisdictions, this is practical implementation knowledge — not market-level study.

Who We Work With

Governments & Public Agencies

Help translating offshore wind policy and targets into executable work programs, procurement scopes, decision gates, and implementation pathways. Support for funding programs, technical scoping, and government-led offshore initiatives.

Regulators & Market-Enabling Organizations

Support for regulatory pathway planning, constraints analysis, data synthesis, stakeholder and Indigenous engagement planning, and market-enabling frameworks. Practical advisory for organizations like Net Zero Atlantic, NRCAN, and provincial agencies.





Developers & Project Sponsors

Early-stage de-risking and owner’s advisory before committing major capital. Due diligence, permitting strategy, metocean and LiDAR readiness, procurement support, commercial workstream integration, and technical risk assessment.

Indigenous, Community & Marine Stakeholders

Clear, early, and structured engagement planning. Issue tracking, pathways-of-effects framing, and integration of Indigenous, community, fisheries, and marine-user considerations into offshore wind planning from the outset.

Relevant Experience Highlights

Nova Scotia Metocean Readiness		Prepared a full-lifecycle response for a federal metocean requirement covering campaign design, tendering, reporting, final analysis, and closeout for Nova Scotia offshore wind planning.
Atlantic Canada Renewable Advisory		24 assignments across all four Atlantic provinces since 2009, including 1.9 GW+ of clean energy projects assessed or supported. Service areas include wind, BESS, biomass, solar, and energy attributes.
Global Offshore Wind Expertise		30+ GW of offshore wind site studies across five jurisdictions (UK, Netherlands, Belgium, UAE, and US/European waters). 13 metocean campaigns including floating LiDAR, data QA/QC, and bankable reporting.
Development-to-Delivery Advisory		Canadian renewable advisory experience across due diligence, procurement, commercial strategy, permitting, stakeholder and Indigenous engagement, GIS/constraints, and technical review.

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