



Auction & Leasing Advisory Services

June 2025



About Us

Founded 2021 -Established to build a leading renewable energy services company.

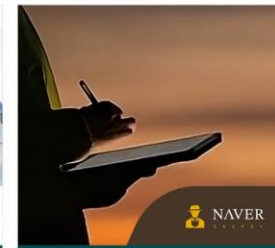
Scalable Growth Partner – Built to support the rapid expansion of renewables, at scale.

Specialist Technical Expertise – Our group of 10 complementary specialist companies provides best-in-class services across the full project lifecycle.

Global Reach, Local Expertise – We operate across key offshore wind and renewables markets, bringing both international experience and regional knowledge.

Collaborative Approach – We work as an integrated team, ensuring seamless project execution and reducing complexity for clients.

Member Companies



Key Stats



Supported
90 GW+
of energy worldwide



26 offices
locations across
15 countries



Operations in
30 countries



Over
850 personnel

Our Unique Offering



All the expertise
you need,
in one place

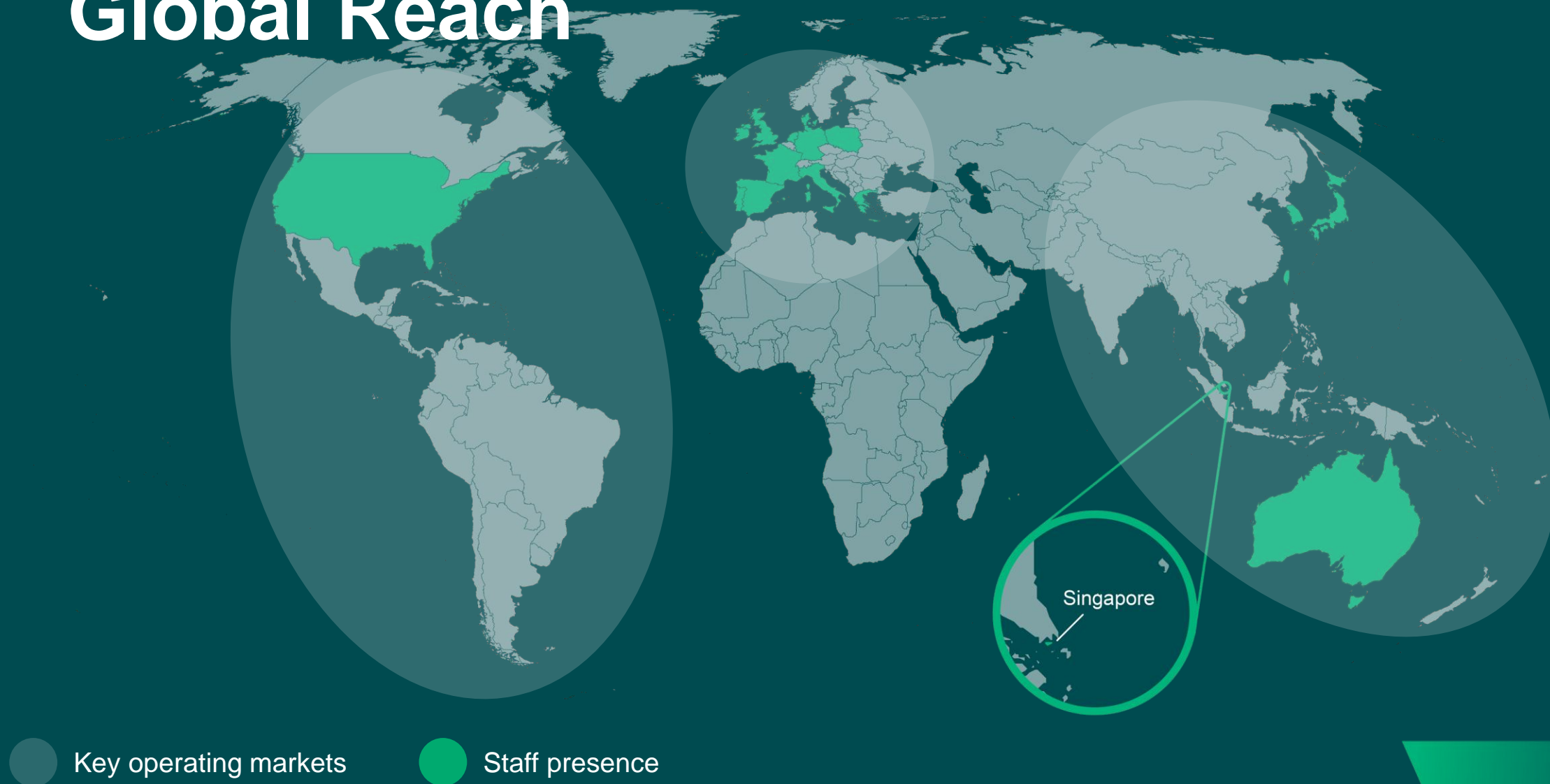


Comprehensive services to plan,
build and support your asset
across the entire lifecycle



Uncompromising
focus on
renewables

Global Reach



Differentiated Offering



We leverage decades of hands-on execution experience across our specialist companies to provide informed, battle-tested advice.

Our market positioning across the full project lifecycle gives us a unique real-time vantage point into current industry dynamics.

We don't just react to industry shifts—we anticipate them. We help clients stay ahead of the curve by staying ahead of it ourselves.

Service Offering



DEVELOPMENT & TECHNICAL

Site assessment & feasibility engineering

Site constraint & geospatial mapping

Route to market strategy

Technology selection

Environmental assessment

O&M strategy

Foundation assessment

Installation concept and buildability review

Wind resource & yield assessment

Turbine layout and optimisation

Project development plans

Permits, licenses, and consents

Geophysical and geotechnical reports

Inter array cable arrangements

MARKET & INDUSTRY

Market screening & entry

Auction process support and strategy

Permitting strategies

Non-price factors approach

Stakeholder engagement

Global market insights and forecasting

Market sizing

Supply chain mapping and assessment

Local content planning, estimation & monitoring

Supply & demand modelling

Workforce assessment and planning

Economic impact modelling

Governmental road mapping

Industry programme support

COMMERCIAL

Financial and economic modelling

Cost estimation (DEVEX, CAPEX & OPEX)

LCOE (input from EYA)

Revenue and financial modelling

Project economics review

Market view on cost of offshore wind

Bid strategy, management and writing

Business case development

Portfolio assessment

Competitor and partnering analysis

Bid writing and graphic design

TRANSACTION

Strategic investment advisory

M&A due diligence

Lender technical advisory

Project financing and structuring

Technical and environmental TAs

Contractual specialists

Risk management and mitigation

Financial modelling (cost modelling & cash flow)

LCOE analysis & modelling

DEVEX, CAPEX, OPEX and DECEX evaluation

Lease agreements

PPA & offtake agreements

Project governance & performance monitoring

Early Engagement Pathways



Pathway 1

Final Stage Auction Preparation

For auctions where the bid deadline is approaching and much of the core work is already complete, we offer critical final-phase support. This includes targeted value-add scopes, a full review of submission materials, testing and challenging key project and business case assumptions, conducting mock scoring against evaluation criteria, and providing actionable recommendations for achievable improvements

Pathway 2

Full Cycle Bid Development

Where the auction process is further into the future, we can be engaged from the earliest possible stage. Our team helps shape project concepts and bid strategies, working closely with your internal team from inception through to submission. We can also consider risk-reward commercial models and act as a central delivery partner, engaging directly with the supply chain.

Pathway 3

Early Market Tracking/Entry and Strategic Alignment

In markets where no formal leasing or offtake process has been launched but signals suggest strong future potential, we help clients assess and prepare early. This includes market comparisons aligned with corporate strategy, reviews of regulatory frameworks, identification of potential local partners, high-level site screening, and assessments of available data and its reliability

Pathway 4

Post Award Delivery Support

Once a lease or offtake agreement has been secured, we support the transition into the development phase. This includes preparing development plans, identifying critical path items, structuring early-stage delivery programmes, planning survey campaigns, managing partner engagement, and providing secondments where needed to supplement internal capacity.

Case Study #1

Project Description

- Support the development of the site layout for the upcoming sørlige nordsjø II norwegian auction
- Wind turbine market analysis & supply roadmap
- Jacket foundation & transition piece cost optioneering of CAPEX modelling
- Transport and installation cost & risk analysis
- HVDC OSS preliminary design and component list to assess lead timing

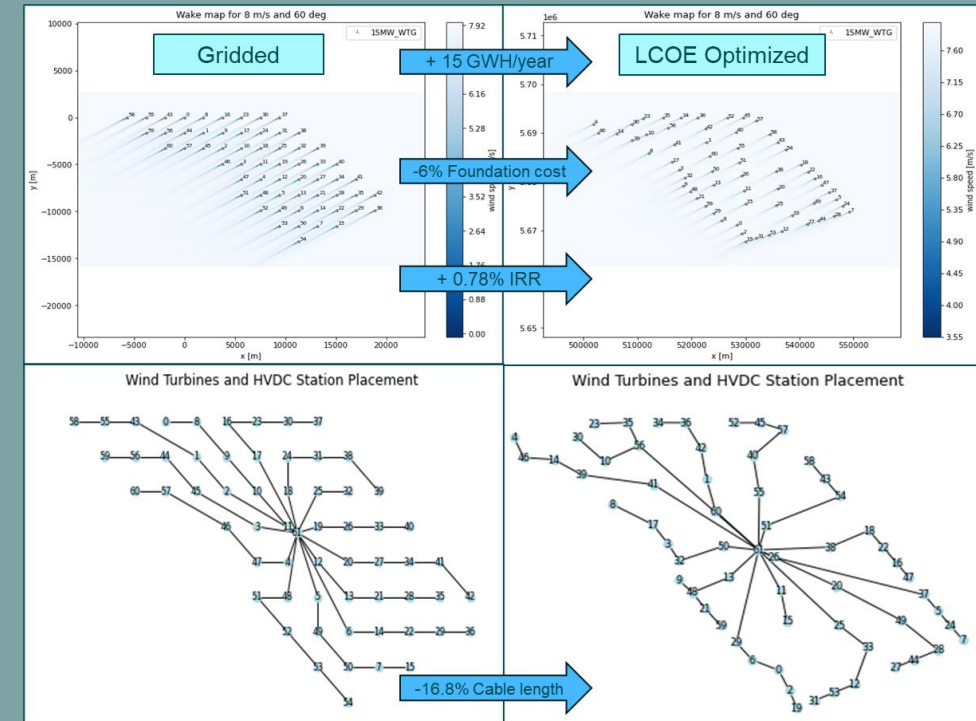
Value add:

- Increase yield [GWh/year]
- Reduce turbulence intensity related O&M
- Reduces DEVEX through fewer foundation designs
- Reduce array cable length
- Reduces wind farm losses

Project Name: Sørlige Nordsjø II - 1500MW

Client: EnBW

Year: 2024



Case Study #2

Project Description

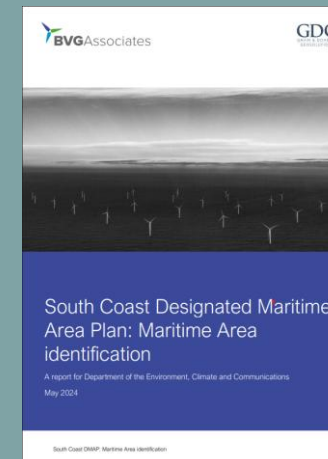
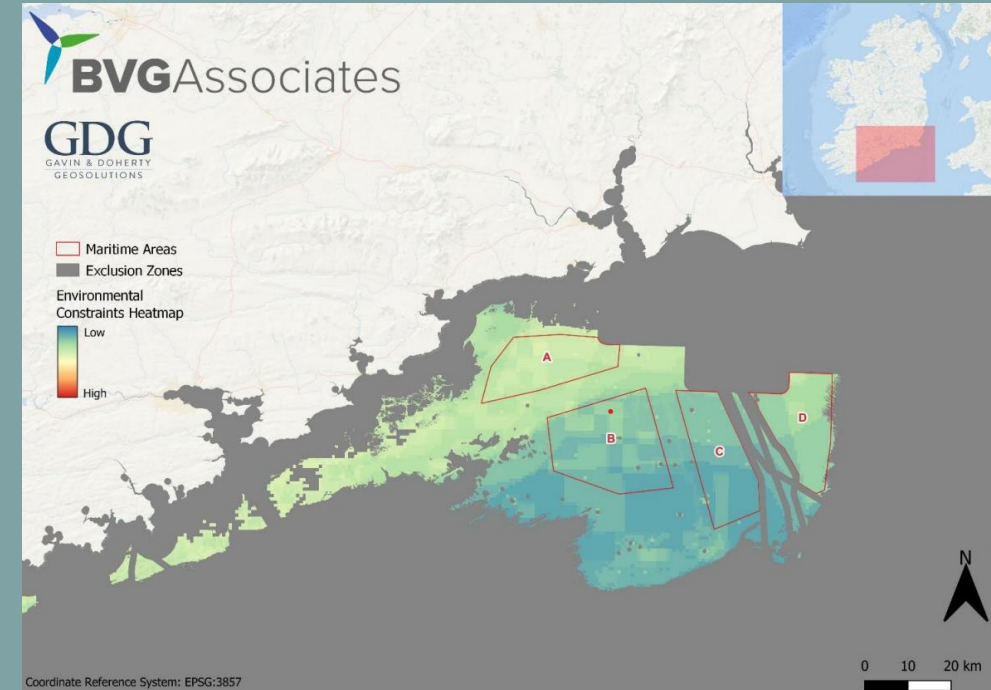
Working with BVG to identify and define suitable Maritime Areas for future fixed-bottom offshore wind developments within Ireland's South Coast DMAP, supporting near and long-term deployment goals.

- **Study Area Definition:** Based on DECC's SC-DMAP proposal, refined through public consultation.
- **Data Collection:** Over 250 spatial data layers were assessed (238 environmental, 21 technical) using a GIS framework.
- **Constraints Mapping:** Areas with high environmental impact risk or poor technical suitability (e.g. water >75m depth or exposed bedrock) were excluded to de-risk permitting and construction.
- **LCOE Modelling:** Spatialised levelised cost of energy maps were created to assess economic feasibility, balancing technical constraints with cost-efficiency.
- **Integrated Assessment:** Maritime Areas were defined where environmental and technical constraints were lowest and economic potential remained viable.

Project Name: South Coast Designated Maritime Area Plan

Client: BVG Associates (End Client – DECC)

Year: 2024



<https://assets.gov.ie/static/documents/south-coast-designated-maritime-area-plan-maritime-area-identification.pdf>

Case Study #3

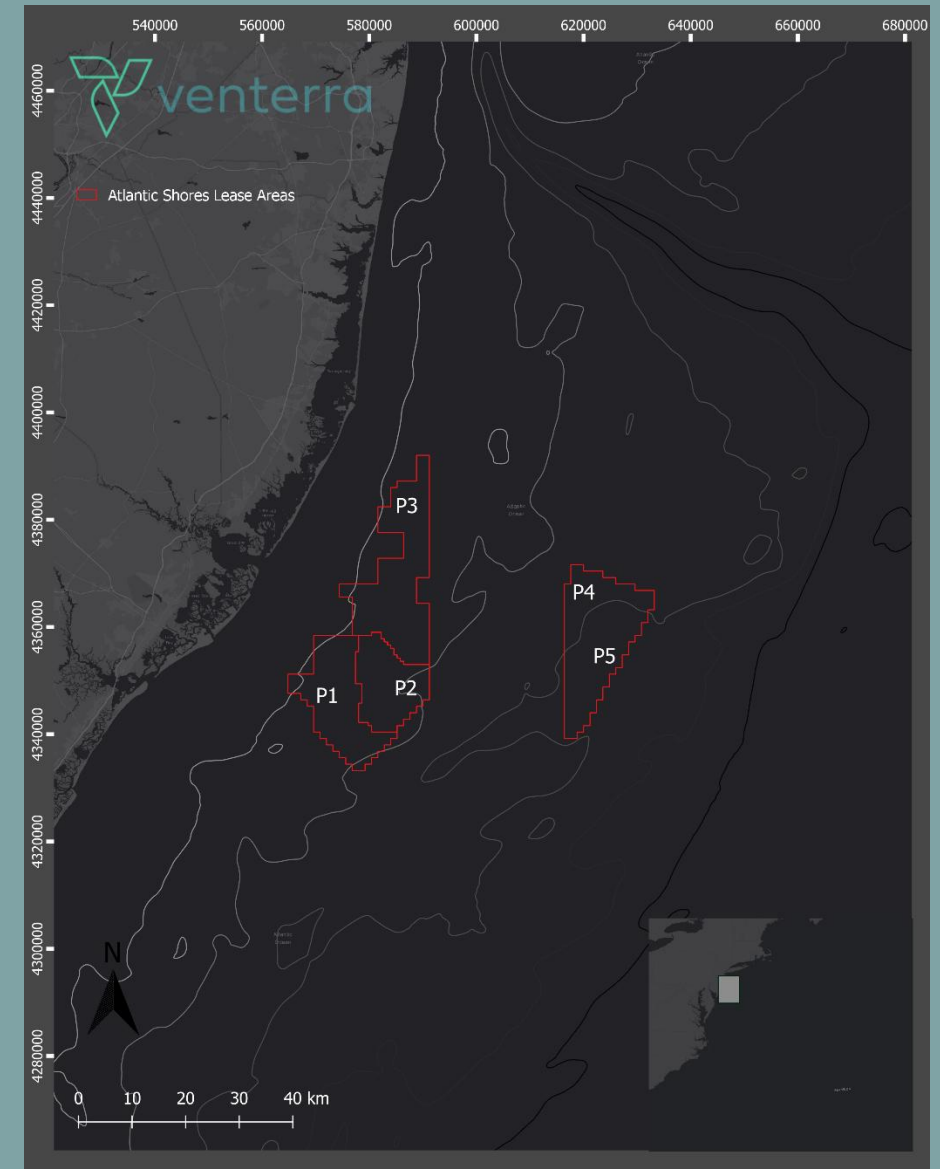
Project Description

- Buy-side technical due diligence for a portfolio of US projects at varying levels of maturity and complexity. Had the potential to be the largest (GW terms) transaction in offshore wind history.
- The project was broken down into two phases. The first phase involved Venterra and Leidos experts conducting a high-level review and delivery of a risk register (i.e., the RAG report) after initial access to the Virtual Data Room (VDR)
- The second phase built on the initial red flag review to cover any remaining sources of uncertainty and additional analyses after securing relevant data sets through engagement with sell-side to offset project uncertainty.

Value add:

- Partnership with Leidos to provide onshore civil, grid and permitting support
- Ability to leverage multiple facets of Venterra member companies to provide on the ground real-time insight to the market.
- Rapid mobilization of team to support the client.

Project Name: Violet
Client: Confidential
Year: 2024



Case Study #4

Project Description

- To support Ireland's Offshore Wind Industrial Strategy, Venterra was commissioned to undertake an assessment of Green Energy Park (GEP) concepts
- This work reviewed GEP policy drivers and case studies nationally and internationally, conducted comprehensive stakeholder engagement with industry and State bodies, undertook a spatial assessment to identify areas in Ireland with high potential for development, and presented recommendations to Government to progress GEP development in Ireland

Value add:

- Venterra's intimate knowledge of the Irish energy sector and its key players combined with our international reach and experience was key to winning and successfully competing this work
- To support the work, Venterra partnered with Glic economic consultants who carried out economic assessments of GEP Case studies to quantify potential benefits to the State

Project Name: Green Energy Parks Assessment

Client: Department of Enterprise, Trade and Employment (DETE)

Year: 2024-2025



An Roinn Fiontar,
Trádála agus Fostaíochta
Department of Enterprise,
Trade and Employment

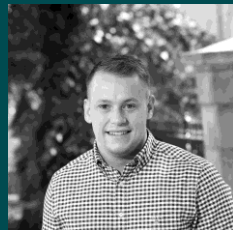


Source: GreenGo Energy (2023), "Megaton"

Broad Range of Expertise



Jeannine Dunne
Marine Advisory Director



Jamie MacDonald
Senior Advisor



Anntonette Alberti
Regulatory Advisor



David O'Sullivan
Environmental Advisor



James McAteer
Project Manager



Greg Bohan
Senior Consultant



Fabrizio Gardini
Head of Offshore T&I
Engineering



**Kooroush Sadedghi-
Hassanvand**
Senior Electrical Engineer



Dr. Soroosh Jalilvand
Head of Offshore Design



Aleksandra Zefirova
Strategy & Intelligence Advisor

Get in touch

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