



Green energy consulting

Asset Management, Technical,
Financial and Legal advisory

Vector
Renew
ables

ASSET EMPOWERMENT

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Services

- Comprehensive vision
- Asset Management
- Technical Advisory
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Vector Renewables at a glance



Involvement in all phases of a renewable energy project cycle through its 4 business lines: **Asset Management, Technical Advisory, M&A and Financial Advisory and Legal Advisory**



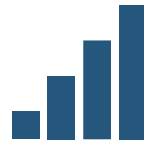
Expertise and insights gained as Asset Manager of more than **2.9 GW**



Experience in more than 40 countries worldwide



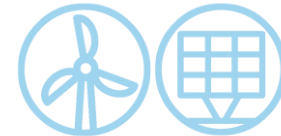
Offices in **10 countries**



60 GW of experience including solar PV and wind power services



Multidisciplinary team composed of over 200 employees



15 years in the renewable energy industry



DEVELOPMENT PHASE



CONSTRUCTION PHASE



OPERATION PHASE

COMMERCIAL ASSET MANAGEMENT

TECHNICAL ASSET MANAGEMENT

PERFORMANCE AND OPTIMIZATION ANALYSIS

DIAGNOSTIC TEST AND INSPECTION

SUPPORT DURING DEVELOPMENT

FEASIBILITY STUDY

DESIGN ENGINEERING

TECHNICAL DUE DILIGENCE & SPECIALIZED CONSULTING

CONSTRUCTION & COMMISSIONING SUPERVISION

M&A ADVISORY

FINANCIAL ADVISORY & DUE DILIGENCE

PPA STRUCTURING

STRATEGIC ADVICE

LEGAL ADVISORY



COMMERCIAL ASSET MANAGEMENT



Managing every aspect related to the Project Company or SPV during the development, construction and operation of the renewable energy asset with the goal of assuring compliance of the project company with its contractual, legal, tax, administrative, mercantile and environmental obligations.

- Financial and Treasury Management
- Bookkeeping and accounting advisory services
- Statutory accounting
- Preparation of monthly financial statements and annual accounts
- Management of Project Finance obligations
- Tax management
- Tax advisory and representation before the tax authorities
- Legal advisory
- Corporate secretarial and tasks management
- Financial reporting



+ 500 million euro of annual revenues managed

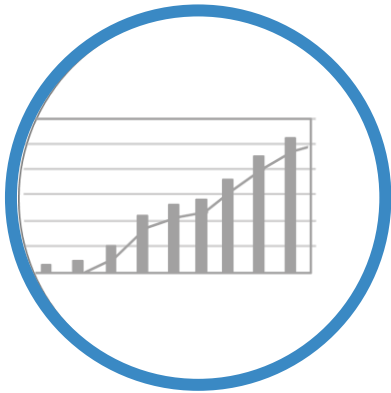
+ 450 companies administered



+ 200 projects under technical asset management

+ 1 GW of experience in monitoring and performance optimization services

TECHNICAL ASSET MANAGEMENT



Supervising the operation in order to coordinate and verify the compliance of obligations by all third parties involved in the facility

- O&M supervision
- Project monitoring
- Periodic site visits
- Monthly invoicing control
- Project management
- Health & safety supervision
- Technical reporting

PERFORMANCE AND TECHNOLOGY INNOVATION



Specialized services aimed to assuring maximum control of the facilities, optimize their maintenance and maximize their performance

- Performance monitoring and analysis
- Predictive Maintenance and Maintenance Requirements analysis
- Root cause Analysis of Failures and identification of energy losses
- Optimization of O&M strategies

DIAGNOSTIC, INSPECTION AND ANALYSIS SERVICES

Diagnostic activities aimed to assessing the operational condition of a given solar PV or Wind facility



Solar

- Visual quality Inspection
- Analysis of I-V curve
- Inverter's performance test
- Contrast of radiation sensors
- Analysis of operational data
- 72-hour test
- Thermographic analysis of PV modules
- Thermographic analysis of DC boxes
- PAC tests according to IEC 62446
- String homogeneity and functional tests
- Check compliance with EPC and O&M warranties.
- Analysis of operational data and performance analysis



Wind

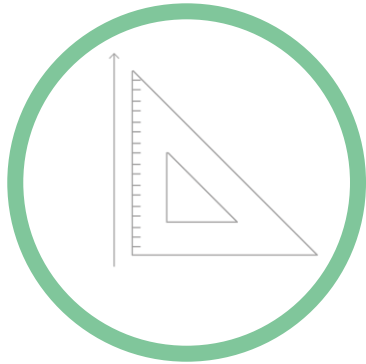
- Specialized inspections:
 - Blade maintenance: Technical consulting, inspections, planning and analysis.
 - End of Warranty Inspections
 - BOP Inspections: Roads, foundations, anchors, metal structures...
 - Other equipment inspection:
 - Substations and electrical equipment
 - Gearbox inspections
- Analysis of operational data and performance analysis
- Power Curve Verification
- Other specialized services:
 - Lifespan extension analysis
 - Update of WTG software



+ 35 GW in Feasibility Study and Energy Yield Assessments

+ 20 GW in Technical Due Diligence

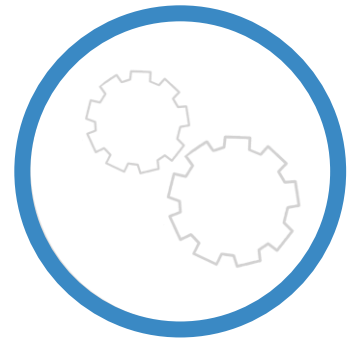
DEVELOPMENT SUPPORT



Supporting the client during the development phase by performing the engineering design and coordinating the different parties involved.

- **Engineering design services**
 - Basic, administrative or financial close engineering
 - Detailed engineering
 - Specific engineering studies
- **Project Management during Development**
 - Submission of application to relevant authorities
 - Management of answers to the administrative requests
 - Coordination and control of the companies involved in the required studies and permits

CONSTRUCTION SUPPORT



Performing a close follow-up of the construction works through different levels of support from remote Construction Monitoring with monthly visits to site to 24/7 presence on-site

- **Construction Monitoring**
 - Construction supervision. Periodic site visit to monitor the progress of the works according to the schedule and to supervise the compliance with quality standards, applicable regulation, EPC contract and guarantee.
 - Project/Site management. Providing all the key construction roles on behalf of the client, such as Project Manager, Site Manager and Health & Security Coordination.
- **Support during Commissioning and Final Acceptance**
 - Elaboration and verification of completion of the punch list
 - Review of the Contractor's documentation
 - Review of the PR and commissioning tests



TECHNICAL ADVISORY



Offering different levels of consulting services for renewable projects in different stages of development and with different depth of analysis



+ 10 GW in Owner's Engineering Services

+ 2 GW in Diagnostic activities and on-site testing

- Feasibility Study
- Solar/ Wind resource and yield assessment
- Technical Due Diligence
 - Basic Engineering Design Review
 - Review of the Administrative Status
 - Yield Assessment
 - Historical data assessment
 - EPC and O&M contract review
 - Business case technical review

Financial advisory services related to the analysis, selling, acquisition and financing of green power installations



+ **3.5GW** in M&A Advisory

Financial Advisory Services
in + **2.5GW**

Support in the fundraising
of **200mUSD**

M&A ADVISORY

- Leading the complete acquisition or selling process to achieve the Client's reasonable commercial, financial and legal objectives.
- Completing transactions on the best possible available terms
- Assessing opportunities from a financial perspective
- Assisting in the definition of tax and legal structures, to optimize the projects' operation and tax load.

STRATEGIC ADVICE

- Financial Modelling audit or preparation for renewable energy projects focusing on revenues hedging as well as on local costs and taxes
- Expert financial analysis on damages suffered by the projects for arbitration processes or trials.
- Any other financial or commercial services in the framework of the renewable energy projects.

FINANCIAL ADVISORY

- Advisory on the fundraising processes for financial sponsors.
- Design, structuring and negotiation of Project Finance and corporate bank financing as well as private financing structures.
- Design, structuring and negotiation of refinancing processes.

PPA STRUCTURING

- Understanding of investor needs to align off-takers products with banks requirements to achieve agreement by securing revenue streams to ensure projects' long-term profitability and keeping the projects bankable.
- Assessment of project performance to identify preferred solutions.
- Identification of potential off-takers to introduce the opportunity.
- Negotiation of the term-sheets and support to the client on the decision making to select most suitable proposal.
- Negotiation, structuring and closing of the agreement.



MERGERS & ACQUISITIONS

Legal advisory in different transactions

- Restructuring of groups of companies.
- Financing of acquisitions.
- Sale and purchase of shares and assets.
- Capital increases and contributions of assets and business lines.
- Mergers, spin-offs and structural modifications.

CORPORATE LAW

Advising on corporate matters, as secretaries of the Board of Directors of companies or as legal advisors.

- Incorporation of companies.
- Shareholders' agreements.
- Drafting of bylaws and articles of association.
- Corporate governance.
 - Attendance to Board of Directors and Shareholders' meetings.
 - Management of corporate and accounting books.
- Incorporation of companies.
- Shareholder agreements.
- Drafting and amendment of bylaws and articles of association.
- Corporate governance.

COMMERCIAL CONTRACTING

Advising in the negotiation, drafting and reviewing of business agreements.

- National and cross-border commercial contracts.
- Strategic alliances and joint ventures.
- Business, agency and distribution agreements.
- Banking contracts and corporate finance.
- Support in structuring and negotiation of PPA contracts

REGULATED SECTORS

Legal advice on regulatory aspects of the energy sector.

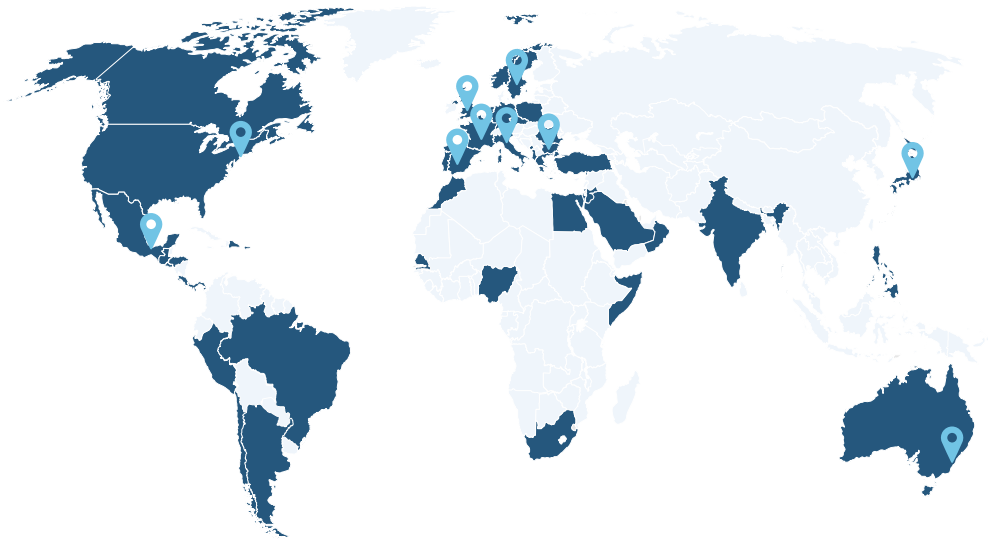
- Review, negotiation, drafting, analysis and implementation of EPC and O&M contracts.
- Review and negotiation with the Market Agent.
- Contracting the necessary insurance policies for renewable energy projects.

PROJECT SPECIFIC LEGAL ADVISORY

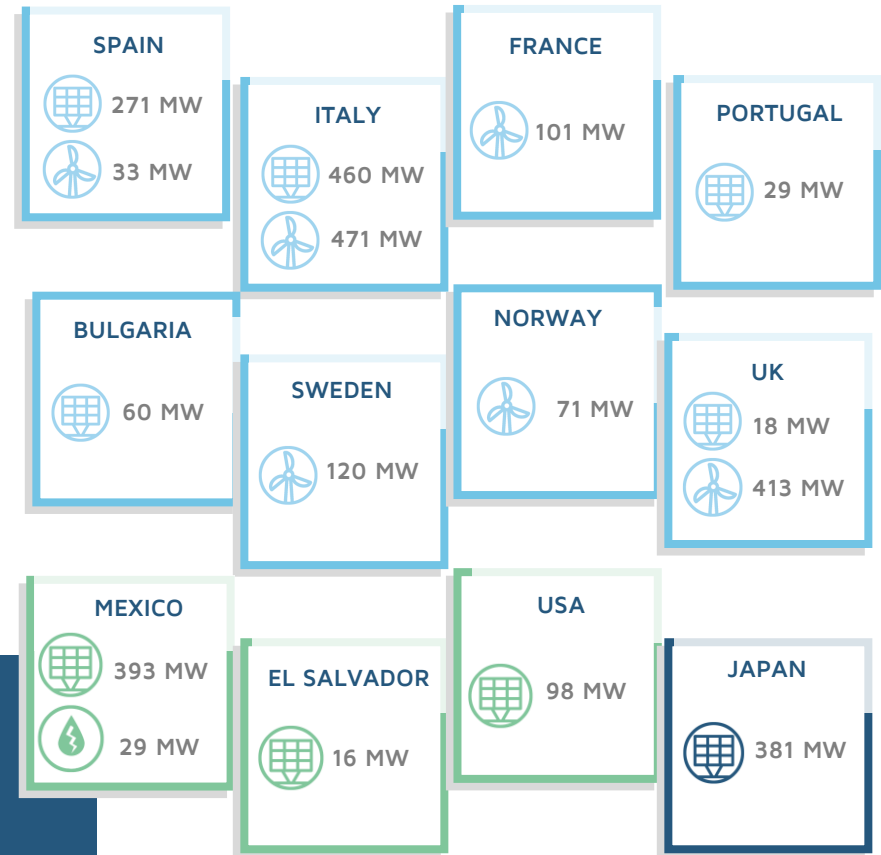
- Drafting of contracts, guarantee claims, contract obligation follow-ups, etc.
- All tasks derived from fulfilling the client's mercantile obligations.

3 International experience

Installed capacity under management by country



● International experience 📍 Our Offices



+2,9 GW

ASSET MANAGEMENT



+60 GW

TECHNICAL ADVISORY



+4,6 GW

FINANCIAL ADVISORY



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ASSET EMPOWERMENT

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