



Company Overview



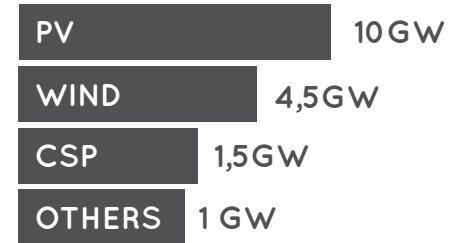
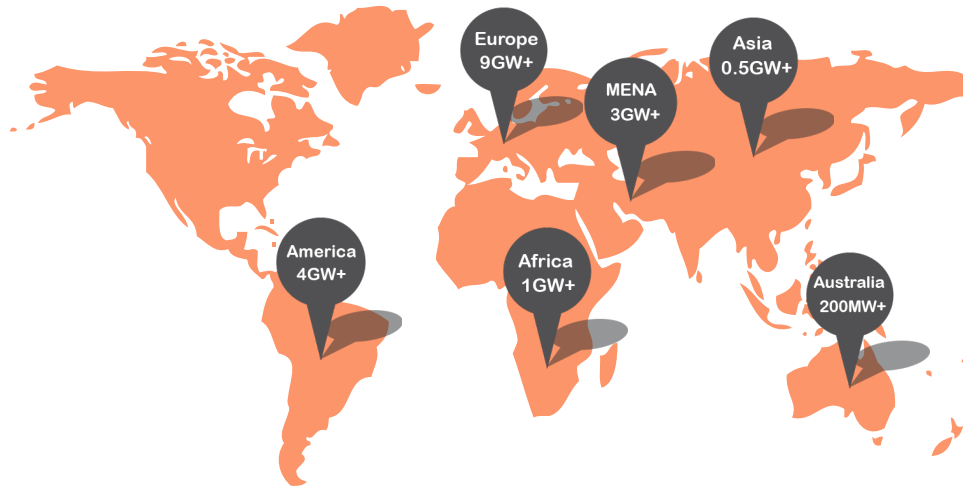
Ata renewables is a lean, **independent** renewable energy group with more than **17 GW** of expertise in projects worldwide.

We provide advisory, engineering, certification and marketing intelligence services for renewable energy, especially **solar** and **wind**. We operate internationally from our office in Spain, Mexico, Chile and South Africa.

— We present you our four companies —



Professional Experience in Renewable Energies



TOTAL
17 GW+

Professional Experience in Renewable Energies

our potential clients



FINANCIAL ENTITIES

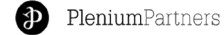
UTILITIES

DEVELOPERS

CONTRACTORS

IPPs

EQUIPMENT MANUFACTURES





Technical Advisory

Technical Advisory

We provide a wide range of highly specialized technical services for renewable energy projects:

- under development
- under construction
- under operation

We also have a specific department inside our advisory division:

- Strategic Projects, for long term projects



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Services Under Development

- Natural resource assessment
- Energy yield
- Technical Due Diligence (TDD)
- Project design and engineering review
- Technical support for tenders
- Product Due Diligence for bankability (PDD)





Services Under Construction

- Quality control inspections
- Setting out works
- Payment milestones
- Construction monitoring (KPI)
- Plant commissioning tests
- Provisional Acceptance Certification (PAC)





Services Under Operation

- Monitoring of plant performance
- Monitoring of Warranty period
- Final Acceptance Certification (FAC)
- Asset management
- Quality evaluation of O&M companies
- Insurance and warranty management
- Technical Due Diligence for asset buyouts
- Protocols
- Training



Technical Advisory Strategic Projects

Our services are highly tailored and targeted to your project needs

However, we do have some staple services that provide the basis of our strategic projects:

- Technical and financial assesment
- Owner's Engineering
- Design & Market assessment
- Procurement services for Bidding process
- Government assessment
- Searching Strategic Decisions



Technical Advisory

Some of our References

Country	Project	Technology	Capacity(MW)	Services
Morocco	Masen	PV	170	Owner's Engineering
Morocco	ONEE	PV	120	Owner's Engineering
South Africa	ESKOM	CSP	100	Owner's Engineering
Spain	Olmedilla	PV	60	Technical Due Diligence
Portugal	Moura	PV	46	Technical Due Diligence
Mexico	Traumpilas	Wind	60	Technical Due Diligence
Chile	Crucero	PV	181	Technical Due Diligence
Mexico	Durango	Wind	120	Technical Due Diligence
Spain	Aldesa	wind	165	Technical Due Diligence
Mexico	Coahuila	Wind	200	Feaseability Studies



Engineering

Engineering

We provide highly specialized services of engineering and construction management:

- Basic engineering
- Detailed engineering
- Full owners engineering (OE) service
- Engineering Procurement and Construction Management (EPCm)



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Basic Engineering

- **Sitting**
- **Procurement of equipment and materials**
- **Lay out design review**
- **Technical specifications**
- **Preliminary electrical diagrams development**
- **Preliminary energy yield evaluation**





Detailed Engineering

- Project narrative (layout, key equipment, grid connection...)
- Drawings design (site layout drawing, single line diagrams, civil engineering drawings ...)
- Detailed Calculations
- Bill of Materials (BOM), including description of materials, equipment and units needed for the construction
- Technical specifications of main components
- Health & Safety Quality Programme





Owners engineering (OE)

- Tailored services since the beginning
- Hand in hand with the Client
- Strategic solutions and decisions
- Develop overall project execution plan
- Revision of the engineering
- Revision of any technical aspect
- Contract negotiations support





Construction Management

- Technical support for management the EPC (WBS/ Lean)
- Construction management
- Construction supervision
- Construction monitoring
- QHSE management
- Engineering review
- Plant commissioning tests
- Progress reports



Engineering

Some of our References

Project	Technology	Capacity (MW)	Country	Services
Karadzhalovo	PV	60	Bulgary	Technical Advisor
Capiopó	PV	150	Chile	Construction Supervision
Diego de Almagro	PV	70	Chile	Construction Supervision
Limpopo	PV	58	South Africa	Construction Supervision
Free State	PV	60	South Africa	Construction Supervision
Javiera	PV	80	Chile	Construction Supervision
Honduras	PV	80	Honduras	Construction Supervision
Capiapó	PV	97	Chile	Project Manager
Honduras	Ma'an	Jordan	24	Quality Control Supervision
Others...				



Certification

Certification

Cere* is an independent certification body accredited by ENAC to certify or test all type of generators connected to low, medium and high voltage network, transformer centers and PV installations. We can certify in more than 60 countries.

Our team has been participating in the development of the testing methodology and the requirements the product under certification shall meet.

Services:

- Certification
- Testing Laboratory
- Inspection

We are the certification body and testing laboratory with the largest number of grid codes in our accreditation scope: **more than 60.**

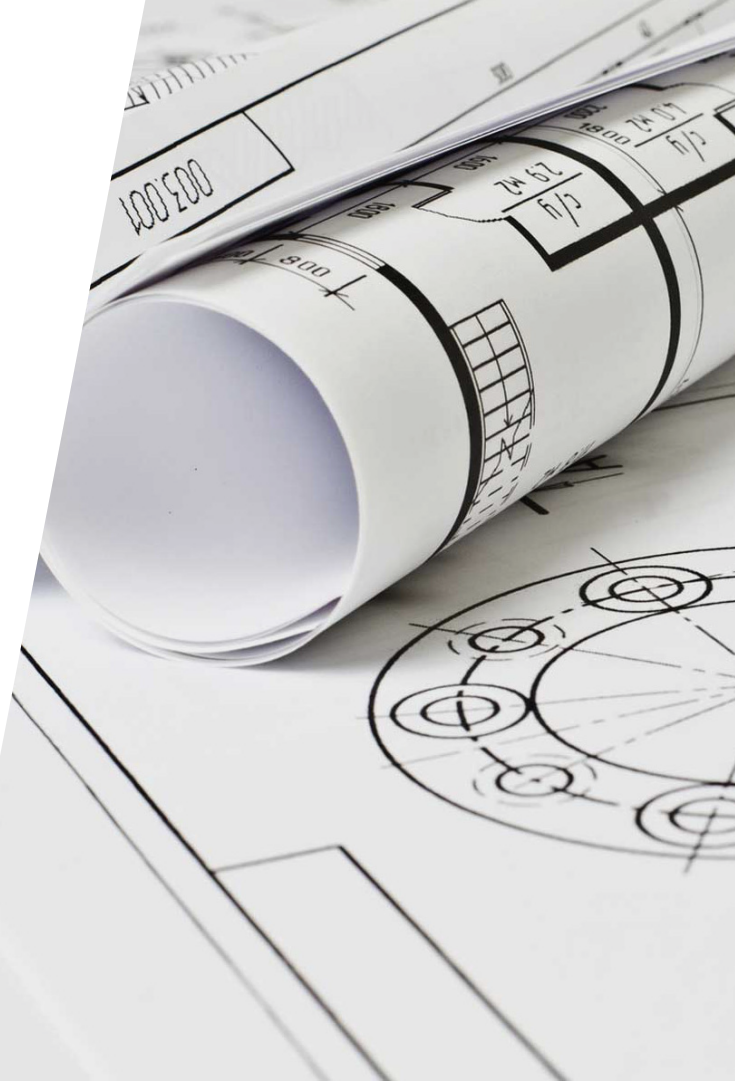
**Certification (ISO17065,
accredited by ENAC)**

- Certification of power generation units connected in low, medium and high voltage (PV inverters, wind turbines, storage systems, marine converters, etc.) according to:
 - Grid connection
 - Electrical security
 - Electromagnetic compatibility

- Certification of PV plant, according to P.O. 12.3

- Certification of low/high transformer centers (plug and play solution) under high voltage international regulation

- Certification of the photovoltaic installations design under requirements established by IECRE



**Testing Laboratory (ISO17025,
accredited by ENAC)**

- Testing for PV inverters, according to:
 - Grid connection (more than 60 countries)
 - International standard (IEC standards)

- We perform different types of measurements:
 - Efficiency
 - Power measurements (P, Q, S...)
 - Voltage and frequency trips
 - Grid quality (armonics, flickers...)



**Inspection (ISO17020,
accredited by ENAC)**

- We perform inspections for the following items of renewable energy sector:
 - Plant inspections
 - PV plant
 - Wind Farm
 - Factory inspection

