



# Asset Management

More than ONE GIGAWATT  
of experience

Solar Application

# ASSET MANAGEMENT

Our know how at behalf of your plant management

The services provided by Moroni & Partners Asset Management department take care of investor and lender during the technical and administrative management of photovoltaic plant, in order to:

- **increase the profitability and the value of the investment during its lifetime**
- **ensure the respect of warranties supplied by the contracts**
- **ensure the respect of local law and regulations**

Some of activities included in our **ASSET MANAGEMENT** services:



## O&M SUPERVISION

Deep analysis of Operation & Maintenance (O&M) contract and on-field evaluation of planned works.



## MONITORING SYSTEM

Deep analysis of monitoring system installed on site, including the verification of proper calibration of irradiation sensors.



## MONITORING AND REPORTS

Verification of plant performances in order to verify the correctness of economical parameters estimated during the business plan drawing.



## INDEPENDENT MONITORING

Installation of a independent monitoring system, composed by certified environmental sensors, control unit and user- adjustable web portal.



## HEALTH & SAFETY

Deep analysis of mandatory safety requirements, in order to respect the local law and regulation.



## EMERGENCY EXIT

Help for the management of defaulting plants, for example due to bankrupt of SPV or O&M contractor, caused by legal or administrative issues.



## ADMINISTRATIVE ASSISTANCE

Administrative assistance during the relations with GSE and local power supplier.



## FISCAL ASSISTANCE

Fiscal assistance during the relations with local public entities, to avoid penalties.



## More than ONE GIGAWATT of experience

Clean energy production  
for a better world.

**Moroni & Partners**, one of the largest Italian energy engineering consultants, conducts Engineering, Technical Advisory and Asset Management services.

A team of more than **50 professionals** working on renewable energy sources and high energy efficiency systems is able to satisfy the needs of banks, investors, industrial customers, public entities and EPC contractors.

Three business divisions are the pillars of our structure:

**The Engineering Division:** The Engineering Division undertakes the permission process, the design, the construction surveillance and the safety of power plants. Furthermore the division offers energy saving solutions in industrial, civil and tertiary sectors.

**The Technical Advisory Division:** performs consultancy activities and instrumental analyses on operating energy plants, working with major banks and investment funds as well as with investors asking for an independent survey on their investment.

**The Asset Management Division:** performs a complete plant management, from performance monitoring to management of administrative and fiscal fulfillments related to RES activities.

### CERTIFICATIONS:

**Moroni & Partners is careful to services quality, to environment respect, to energy rational use and to workers health and safety, with this voluntary certifications:**

**ISO 9001/2008**

Quality management

**ISO 14001 /2004**

Environmental management

**ISO 50001 /2011**

Energy management (in progress)

**BS OHSAS 18001/2007**

Occupational health and safety (in progress)

### TECHNICAL COMMITTEE:

**Moroni & Partners takes part effectively on technical regulations issuing, it is member of following technical committee (TC):**

**TC 82** - Solar photovoltaic energy systems

**TC 88** - Wind turbines

**TC120** - Electrical Energy Storage (EES) Systems

**TC 313** - Smart grids

**TC 315** - Energy Efficiency

### CERTIFIED OPERATORS:

**The staff of Moroni & Partners is constantly trained and certified and is composed by:**

- Termographic Operators Level 2 (UNI EN 473)
- PEI e PES technicians for under voltage works (CEI EN 50110-1; CEI 11-27)
- Certified operators for overhead works, (art 37 e 77 D.Lgs. 81/2008)
- Energy experts (DPR 75/2013)
- Energy and Environmental experts (prot. Itaca) (LR Marche 14/2008)
- Acoustic technicians (legge 447/95)

# ASSET MANAGEMENT FOR LENDING INSTITUTIONS

The **more than ONE GIGAWATT of experience** and our on field gained know-how make **Moroni & Partners** a reliable and authoritative company for the **management of plants financed by lending institutions**.

Through our services the company who finances will be certain about the respect of estimated parameters used to draw the business plan, in order to assure a proper payback time for the loan assigned.

Furthermore M&P helps the lenders to manage defaulting plants, for example due to bankrupt of SPV or O&M contractor, caused by legal or administrative issues.



## LENDERS COPPER:

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**The entry-level package includes:**

- MONITORING SYSTEM VERIFICATION
- MONITORING AND REPORTS

## LENDERS GOLD:

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**The standard package includes:**

- O&M SUPERVISION
- MONITORING SYSTEM VERIFICATION
- MONITORING AND REPORTS

## LENDERS PLATINUM:

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**The full package includes:**

- O&M SUPERVISION
- MONITORING SYSTEM VERIFICATION
- MONITORING AND REPORTS
- INDEPENDENT MONITORING
- HEALTH & SAFETY

All services are offered with flat multi-years tariffs.



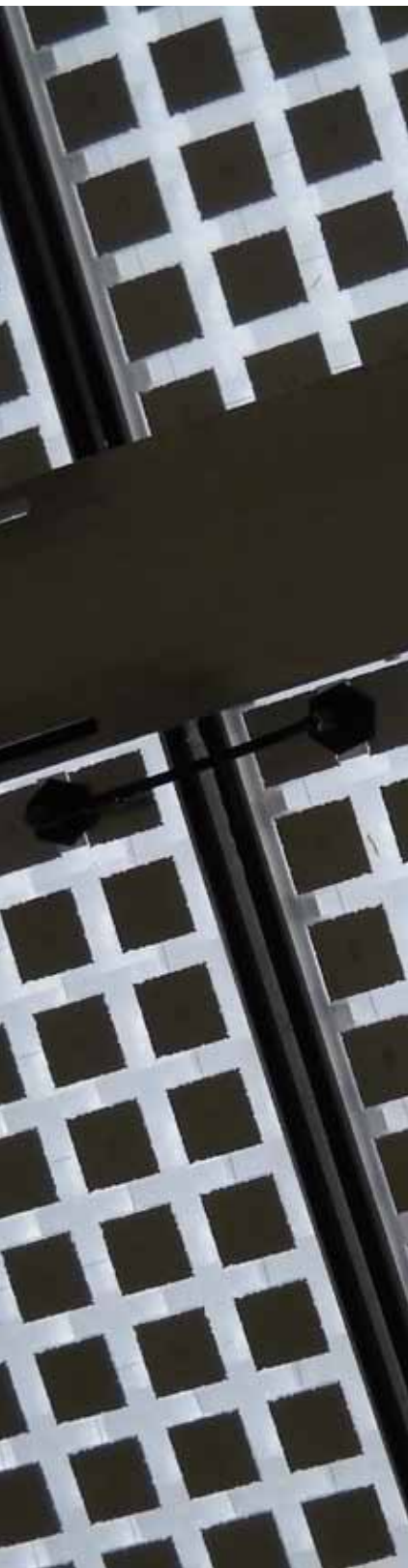
# ASSET MANAGEMENT FOR INVESTORS

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Thanks to our know how the investor could benefit of an impartial verification on O&M activities and a reliable and precise partner for the respect of all administrative obligations.

Through our services the investor will be sure about the proper plant operation in compliance with all the fiscal, administrative and HSE requirements.

**The service allows to have a unique partner, expert and qualified, for the management of all activities needed for the proper plant operation.**



## INVESTOR COPPER:

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**The entry-level package includes:**

- MONITORING AND REPORTS
- FISCAL ASSISTANCE
- ADMINISTRATIVE ASSISTANCE

## INVESTOR GOLD:

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**The standard package includes:**

- O&M SUPERVISION
- MONITORING SYSTEM VERIFICATION
- MONITORING AND REPORTS
- FISCAL ASSISTANCE
- ADMINISTRATIVE ASSISTANCE

## INVESTOR PLATINUM:

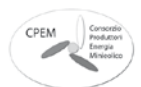
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**The full package includes:**

- O&M SUPERVISION
- MONITORING SYSTEM VERIFICATION
- MONITORING AND REPORTS
- FISCAL ASSISTANCE
- ADMINISTRATIVE ASSISTANCE
- HEALTH & SAFETY

All services are offered with flat multi-years tariffs.

CHOSEN BY:



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