

***Kiwa
Moroni***
Over 30
GW of
experience



creating
trust
***driving
progress***



kiwa



About *Kiwa* *Moroni*

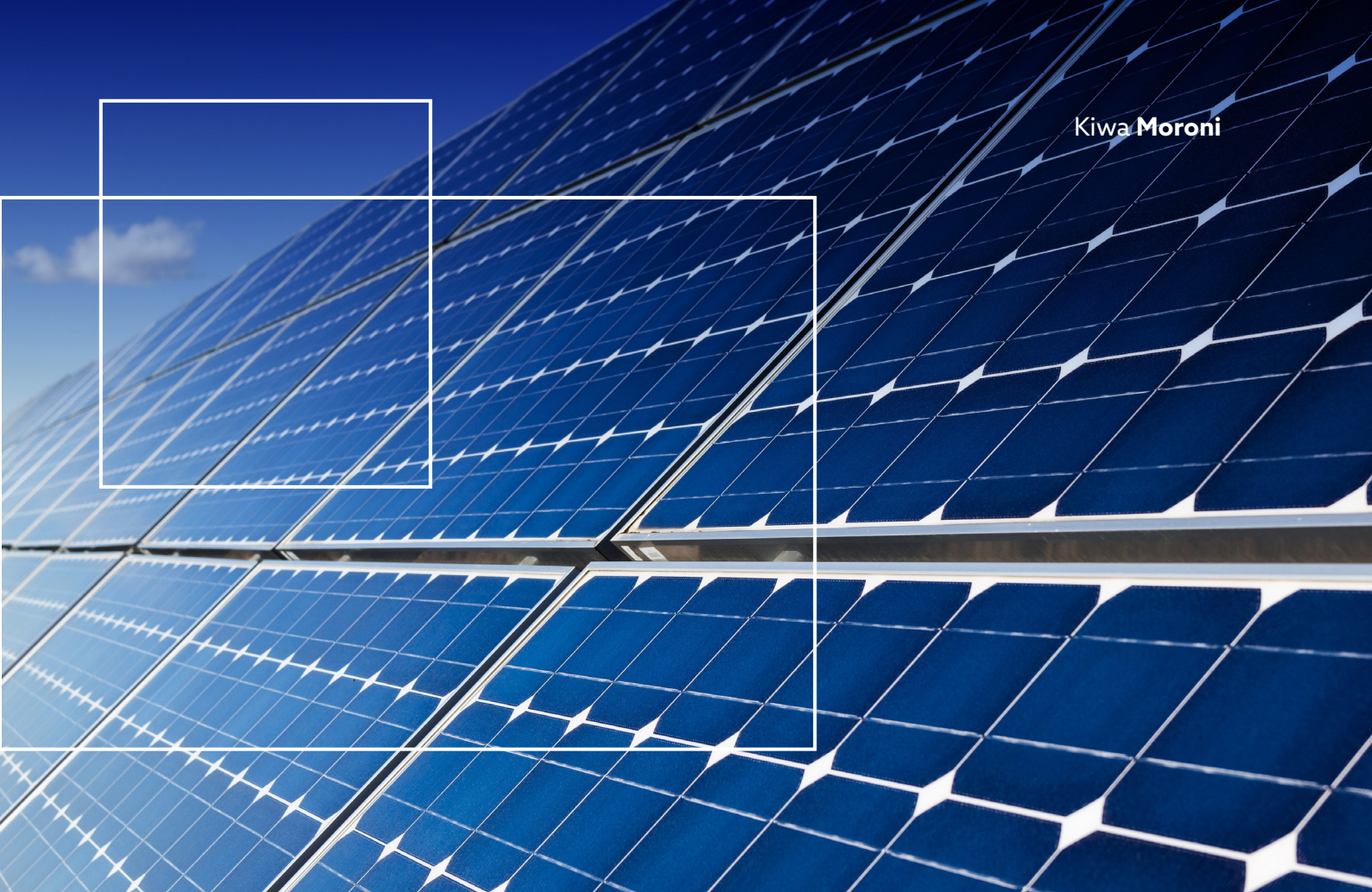
Moroni & Partners was founded in 2004, developing over the years in terms of experience, activity and international clientele, until it became a market leader in Engineering and Technical advisory activities, reaching today over 20 GW of experience on energy production plants powered by renewable sources.

In August 2019 Moroni & Partners joined the Kiwa Group, one of the global leaders in Testing, Inspection and Certification, present in over 35 countries worldwide, from Europe, Asia and Latin America, with more than 100 offices and 12.000 employees.

Almost two years after the acquisition, Moroni & Partners becomes Kiwa Moroni, a combination that brings together the more than 30GW of experience in Technical Due Diligence and Energy Engineering activities conducted worldwide, with the strength and solidity of Kiwa International Group, with its global presence and a turnover of about half a billion euros.

Today, Kiwa Moroni is able to assist customers throughout the entire life cycle of the plant: from design to construction, from performance validation to management, thus covering the market at any stage of development and maturation. Our business divisions:

- The Technical Advisory Division - supports its clients with Technical Due Diligence service including also instrumental tests, working with the major banks and investors and providing an independent assessment on their investments.
- The Engineering Division - executes the design for authorization, the detailed design, the construction supervision and the commissioning of the power plants.

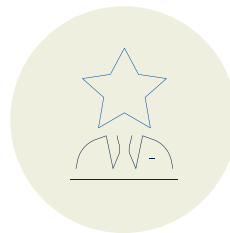


For Kiwa being a **reliable Partner** for its Customers is a true vocation, which necessarily entails a global expansion of its operational capabilities. Our global strenght in numbers:



Present in +35 countries

We are present in more than 35 countries with an extensive network of professionals and laboratories.



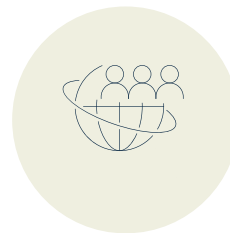
Top 10 Leading TIC Companies

We are among the world's top 10 companies in the TIC sector.



About 12.000+ Employees

About 12.000 professionals work daily in our offices and state-of-the-art laboratories worldwide.



+ 200 locations worldwide

Thanks to an extensive network of more than 200 sites, we are committed to ensuring Quality and Safety worldwide



Technical *Advisory*

*Your reliable Partner
for your investments*

Kiwa Moroni provides Technical consultancy and specialized technical support on Renewable Energies, with particular focus on Solar PV and Battery Energy Storage Systems (BESS).

Technical Due Diligence

Kiwa Moroni assists their customers in the following operations: Merge & Acquisition (M&A), Financing/Re-Financing and Project Development:

- Site assessment
- Site Capacity assessment
- Energy Yield assessment
- Solar resource assessment
- Historical performance assessment
- Permitting process review
- Grid Connection process review
- GSE procedure review
- EPC/O&M contracts technical review
- CAPEX and OPEX assessment
- Site visit and drone inspections
- Instrumental tests



Owner *Engineering*

Our Expertise at your Disposal

Kiwa Moroni assists their customers with an independent technical support during the project construction and performance acceptance procedures.

- Assistance during EPC/O&M selection and contracting
- Design review
- Construction monitoring also by drone inspections
- Review of the commissioning and acceptance tests (PAC – FAC)
- Independent instrumental tests
- Site visit and punch-list drafting



Engineering

Powering a sustainable future

Kiwa Moroni provides specialized technical services on Renewable Energies, with particular focus on Solar PV and BESS Solar PV and Battery Energy Storage Systems, both on new assets and revamping/repowering.

Project development

- Feasibility study
- Engineering for authorization of power production plant and grid connection infrastructure
- Energy Yield Assessment

Project construction

- Works Supervision
- Project Management
- Health & Safety
- Detailed Design
- Technical support during components procurement
- Technical support during EPC/O&M selection
- As Built drawings

Commissioning and acceptance

- Independent instrumental Tests
- Commissioning Tests
- Provisional Acceptance Tests (PAC)
- Final Acceptance Tests (FAC)

Main projects

Italy

- Technical advisory services on 33 photovoltaic projects totaling 147 MW
- Lender technical advisory services on 5 photovoltaic projects totaling 280 MW
- Lender technical advisory services on 14 photovoltaic projects totaling 108 MW
- Technical advisory services on 23 photovoltaic projects and 10 BESS totaling 147 MW
- Vendor technical advisory services on 6 BESS projects totaling 600 MW

North Italy

- Engineering services on 70 MW agrivoltaics project

South Italy

- Engineering services on 100 MW BESS project
- Technical advisory services on 100 MW BESS project



Over **30 GW** of Clean *Energy* *Expertise*

Driving sustainable power solutions for a better world

Kiwa Moroni, thanks to its flexible organizational structure, is able to satisfy the needs of all types of Clients.

It is equipped to work and manage large projects at national and international level.

Some of the main players in the world of finance and energy already choose Kiwa Moroni to carry out successful projects.



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kiwa

Kiwa Moroni S.r.l.

Via del Commercio 14 A - 60021
Camerano (AN)

Telefono +39 071.895023

E-mail it.info.moroni@kiwa.com

kiwa.it