

More than 20 GW of experience

Kiwa Moroni



▶ Partner
for
Progress





About us

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 15 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 5000 employees. Almost two years after the acquisition, Moroni & Partners becomes Kiwa Moroni, a combination that brings together the more than 15 GW 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 Engineering Division** - executes the design for authorization, the detailed design, the construction supervision and the commissioning of the power plants.
- **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.



Present in 40
countries



Top 10 Leading
TIC Companies



About 10.000
employees



1.1 Mld €
Operating Income

Technical Advisory Division

Your reliable partner for your investments

Kiwa Moroni provides technical consultancy and specialized technical support on **Renewable Energies**, with particular focus on **Solar PV, Wind, Battery Energy Storage Systems** and **Hydrogen**.

TECHNICAL DUE DILIGENCE

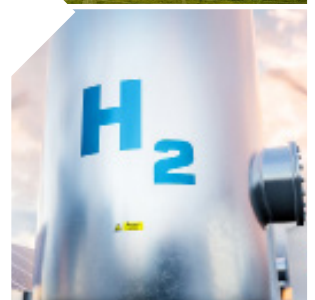
KM assists their customers in the following operations: **Merge & Acquisition (M&A), Financing/Re-Financing** and **Project Development**:

- Site assessment
- Site Capacity Assessment
- Energy Yield assessment
- Solar/Wind 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

KM 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 Division

Powering a sustainable future

Kiwa Moroni, by the 100% controlled engineering firm Full Service Company, provides specialized technical services on Renewable Energies, with particular focus on **Solar PV, Wind, Battery Energy Storage Systems** and **Hydrogen**, 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
PHOTOVOLTAIC PLANTS
177 MW

Technical Advisory with study on H2 production and Storage implementation



BELARUS
PHOTOVOLTAIC PLANTS
130 MW

Engineering services



ITALY
PHOTOVOLTAIC PLANT
85 MW

Technical Advisory services



CHILE
PHOTOVOLTAIC PLANT
97 MW

Commissioning services and inspections



ITALY
WIND FARM
60 MW

Technical Advisory services



ROMANIA
WIND FARM
54 MW

Instrumental verification



ITALY
PHOTOVOLTAIC PLANTS
334 MW

Technical Advisory services



UNITED KINGDOM
PHOTOVOLTAIC PLANTS
10 MWp

Technical Advisory services



More than **20 Gigawatts** of experience on clean energy production for a better world.

Kiwa Moroni, thanks to its flexible organizational structure, is able to satisfy the needs of all types of clients and 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:

REFERENCES

UniCredit

INTESA SANPAOLO
MEDIOCREDITO ITALIANO

UBI Banca

BPER:
Banca

NORD/LB

NATIXIS
BEYOND BANKING

BPM

FINANZIARIA
INTERNAZIONALE

PleniumPartners

SUSI PARTNERS
SUSTAINABLE INVESTMENTS

EF
SOLARE
ITALIA

Tages

Foresight
group

NEXTENERGY
CAPITAL

Cubico
SUSTAINABLE INVESTMENTS

CONTOURGLOBAL

sonnedix
SOLAR POWER PRODUCER

bluefield
Partners LLP

green arrow
CAPITAL

ALPIQ

GSF

aceq

REPOWER

SAIPEM

BUILDING
energy

Shell

lightsourcebp

bp

MACQUARIE

Green
Investment
Group

Fuée
FONDO ITALIANO
PER L'EFFICIENZA ENERGETICA Sgr

PLT
GRUPPO
energia

BayWa r.e.

ABB Power and productivity
for a better world™

AREN Electric Power™

POWERCHINA

ENERTRONICA

ACCREDITATIONS

THE WORLD BANK

European Bank
for Reconstruction and Development

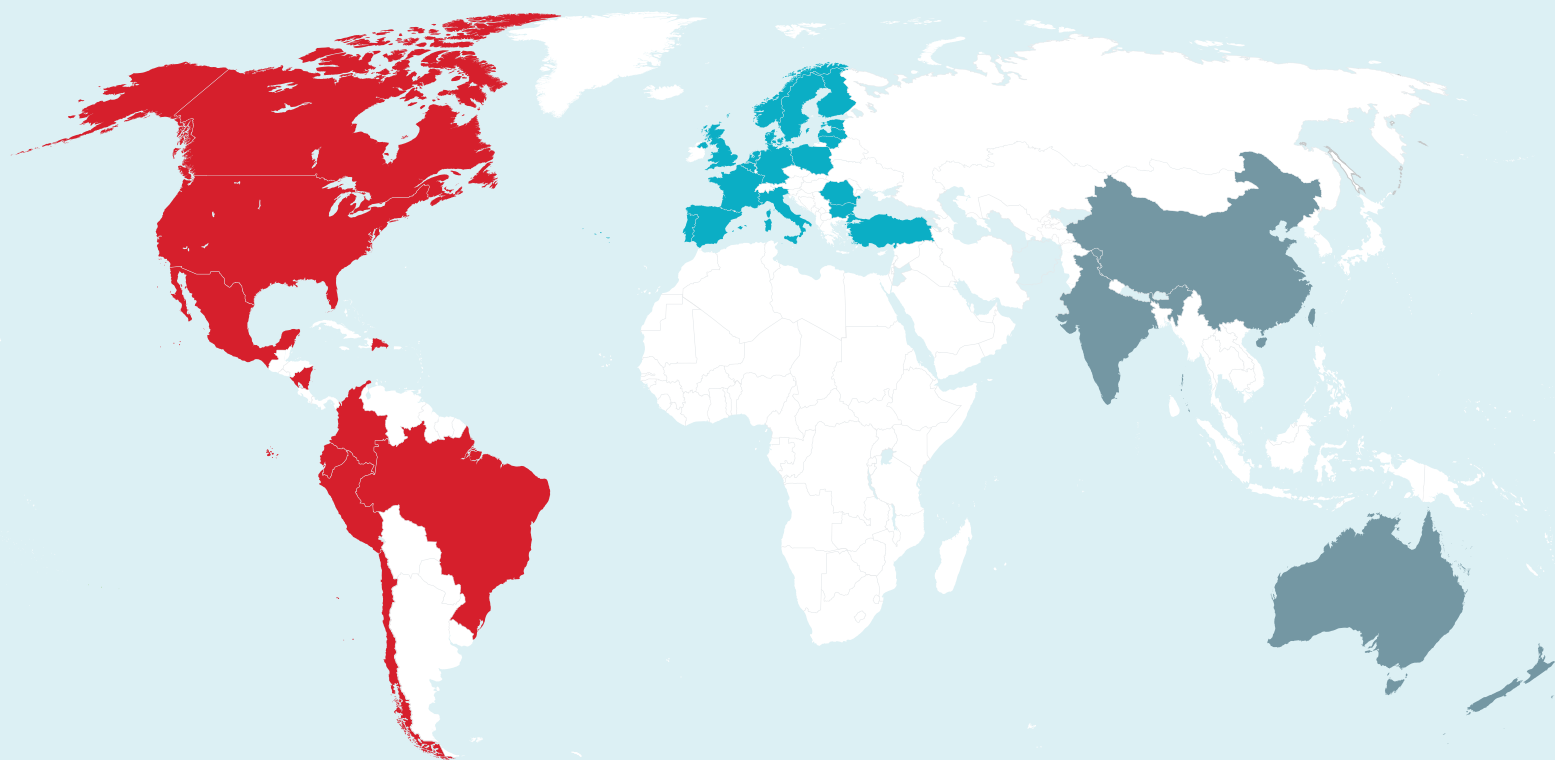
IDB
Inter-American Development Bank

ADB
Asia Development Bank

AFRICAN DEVELOPMENT BANK GROUP
GROUPE DE LA BANQUE AFRICAINE
DE DEVELOPPEMENT

The Commonwealth

Kiwa Group **International Presence**



Americas

Brazil	Antilles
Chile	Mexico
Colombia	Paraguay
Costa Rica	Peru
Dominican Republic	United States of America
Ecuador	Suriname
Guatemala	



Europe

Belgium	Lithuania
Denmark	Norway
Estonia	Netherlands
Finland	Poland
France	Portugal
Germany	United Kingdom
Italy	Spain
Latvia	Sweden
	Turkey



Asia-Pacific

Australia
China
South Korea
India
Taiwan

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