

# 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

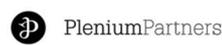
Technical Advisory services



# 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:

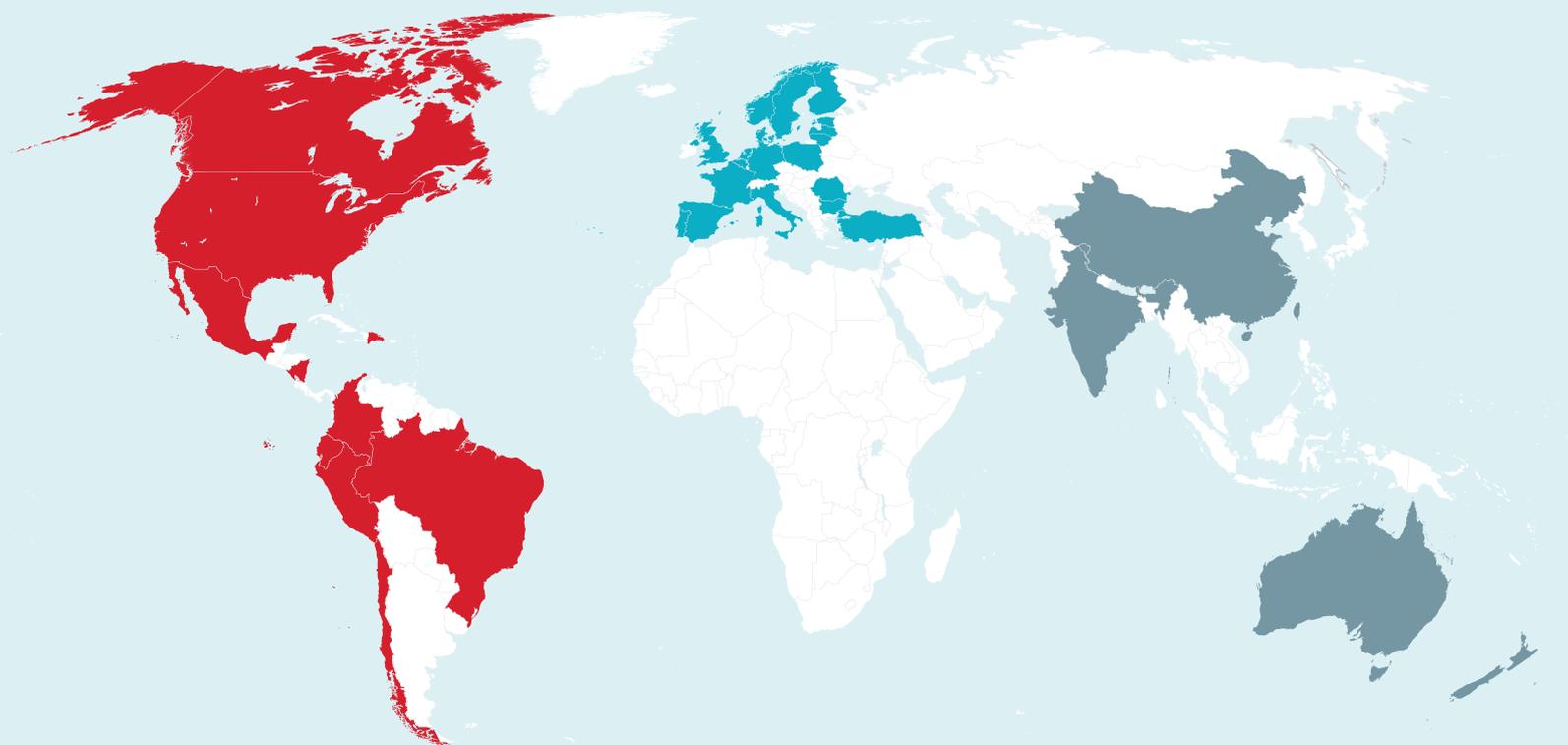
## REFERENCES



## ACCREDITATIONS



# Kiwa Group **International Presence**



## Americas

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



## Europe

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



## Asia-Pacific

Australia  
China  
South Korea  
India  
Taiwan

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