



REN
ELECTRON

THE IDEAL PARTNER TO INVEST IN
WIND AND SOLAR FARMS

<http://www.renelectron.com/>



Company Profile

ABOUT US:

Ren Electron was founded in 2006, operates in the Renewable Energy Production market and offers the most advanced solutions for residential and commercial segments, large installations and photovoltaic greenhouses for which it has achieved a significant and recognized specialization.

The company, ISO 9001/2015 certified, has its own headquarters in Carugate (Milan), an operating unit in Sicily in the Municipality of S. Stefano Quisquina (Agrigento) and in Lazio (Tarquinia VT).

OUR PROFESSIONALS:

An in-house team of professionals, dynamic and competent engineers and architects, has allowed the company to develop projects over the years, obtaining specific authorizations for the construction of tens of MW from various competent public administrations.

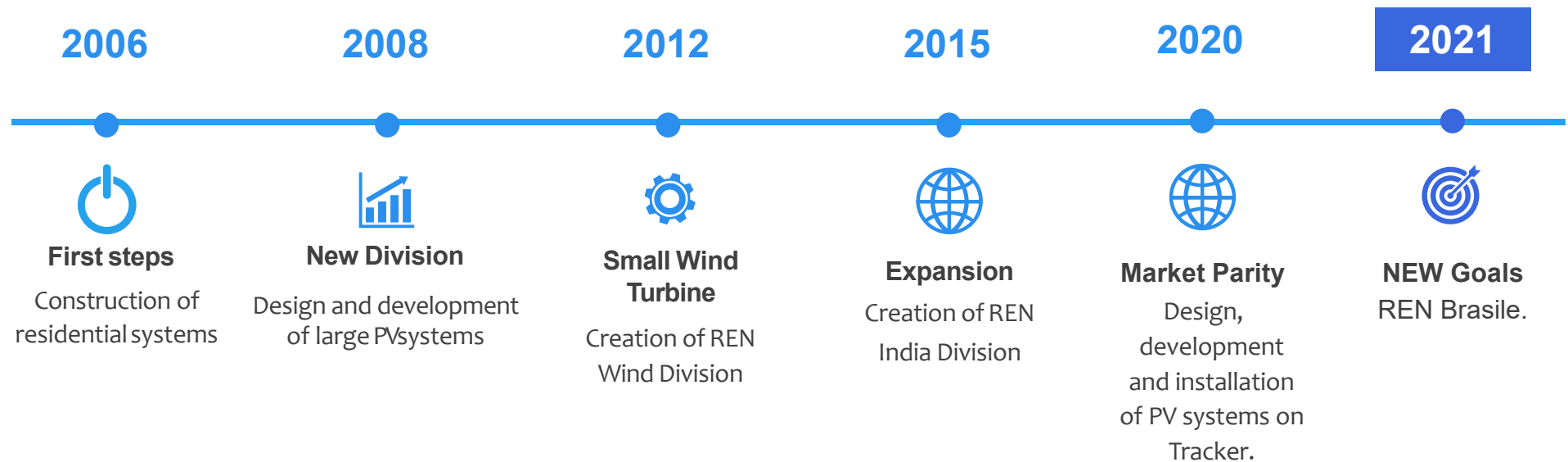
The largest photovoltaic plants are located in particular in the Regions of Sicily, Sardinia Lazio and Lombardy and the most of them have been subsequently made by Ren Electron as EPC contractor for both Italian and foreign investors.

O&M and SMALL WIND TURBINES:

Since 2010 the company has been working in the after-sales activities of O&M (Operation and Maintenance) and today reports to its assets, the management and maintenance of Commercial and large plants of **tens of MW**.

During the year 2012 Ren Electron has expanded its offer and expertise in the small-wind sector by offering wind turbines with sizes of power from 60 to 250 kW.

Timeline



Our Services



EPC & PROJECTS DEVELOPMENT

Ren Electron develops "Turnkey" projects, following all the steps of the process (scouting, design, authorization process, realization and testing), with an installed power of tens of MW including photovoltaic greenhouses, photovoltaic systems on the ground and roofs in the regions Sicily, Sardinia, Lazio and Lombardy. Our plants are designed and built to last and maximize returns for investors throughout the technical life of the plant and the duration of FIT / PPA.

All our systems have achieved efficiency coefficients over industry standards. Ren Electron EPC supports its customers through all steps of the project.



Operation & Maintenance

Ren Electron provides outsourcing solutions to protect and improve long-term quality and investment performance. A team of 15 professionals, with Italian offices in Milan and Agrigento and an international presence with offices in New York, Luxembourg and (Chennai) India, allow us to assist our customers worldwide. Thanks to 10 years of experience as a service provider, we have developed a process to guarantee the exceeding of the expected performances of the plants.



Our Services



Asset management

We have developed methodologies for monitoring, reviewing performance and developing resource. Therefore we manage solutions to assist clients and investors in implementing the highest standards in practice of investment management.



Advisory

With a consolidated experience in the energy sector, our division dedicated to investment operations in renewable energy, is able to offer highly specialized consulting services in order to assist customers in their investment initiatives both in Italy and abroad. Our team of consultants can offer specialized consulting services independent for different technologies by using a global approach at the local level.

Ren Electron provides these services by leveraging on its legal, technical and financial expertise and know-how of consolidated investment processes.





Our Mission.

"We learn to use the environment, the sun and the wind are at our disposal to produce energy in a natural way"



OUR DIVISIONS





01 O&M

02 Small-Wind Turbines

03 PV Greenhouses

04 Roof Installations

05 On ground PV Systems

Operation & Maintenance

We have developed a process to ensure that the expected performance of the plants is exceeded



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OUR APPROACH

- Global Overhaul;
- Continuous monitoring;
- Preventive and corrective maintenance;
- Technical and detailed reports every month;
- R&D.



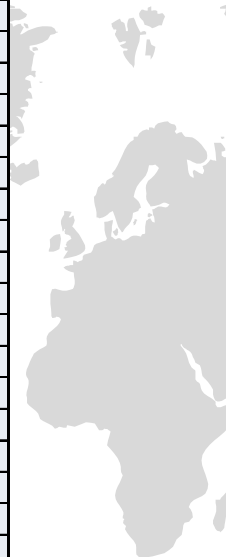
WHERE WE ARE

International presence with offices in Italy, New York, Luxembourg and India.



Plants – O&M Agreement

24 MW Impianti FV			
Nr	Potenza installata MW	Regione	Tipologia Impianto
1	6,00	Sardegna	Serra
2	3,90	Sicilia	Serra
3	2,90	Sicilia	Serra
4	2,50	Lazio	Impianto a terra
5	1,00	Sicilia	Impianto a terra
6	1,00	Sicilia	Impianto a terra
7	0,93	Sardegna	Serra
8	0,91	Lazio	Impianto a terra
9	0,85	Sicilia	Impianto a terra
10	0,85	Sicilia	Tetto
11	0,72	Lombardia	Impianto a terra
12	0,42	Sicilia	Serra
13	0,20	Emilia	Tetto
14	0,18	Lombardia	Tetto
15	0,14	Lombardia	Tetto
16	0,12	Lombardia	Tetto
17	0,08	Lombardia	Tetto
18	0,07	Lombardia	Tetto
19	0,05	Lombardia	Tetto
20	0,04	Lombardia	Tetto



Nr	Potenza installata MW	Regione	Tipologia Impianto
1	0,20	Umbria	Mini Eolico
2	0,20	Umbria	Mini Eolico
3	0,60	Sicilia	Mini Eolico
4	0,30	Sicilia	Mini Eolico
5	0,36	Sicilia	Mini Eolico
6	0,15	Sicilia	Mini Eolico
7	0,06	Sicilia	Mini Eolico
8	0,06	Sicilia	Mini Eolico
9	0,06	Sicilia	Mini Eolico
10	0,06	Sicilia	Mini Eolico
11	0,06	Sicilia	Mini Eolico
12	0,06	Sicilia	Mini Eolico
13	0,06	Sicilia	Mini Eolico
14	0,06	Lazio	Mini Eolico
15	0,06	Lazio	Mini Eolico
16	0,06	Lazio	Mini Eolico
17	0,06	Sicilia	Mini Eolico
18	0,06	Sicilia	Mini Eolico
19	0,06	Sicilia	Mini Eolico
20	0,06	Sicilia	Mini Eolico

→ TRACK RECORD OF 50MW PLANTS INSTALLATION ←

Small Wind Turbines

All the reliability of a multi-decorated project and a partner with an important track record in the world of renewables

OUR OFFER

REN Wind proposes itself with the new offer to the client or investor as the only point of reference for the definition of supply by offering optional services such as the design, construction and maintenance of the systems once they have entered in service.

OUR PRODUCT

Ren Wind small-scale wind turbines are available with 60, 100, 200 and 250 kW.

Products certifications and quality assurance are able to satisfy the most demanding clients and investors' needs: excellence, reliability and high-level performance are the main strengths of our range.



Roof Installations

Ren Electron designs and manufactures "turn-key" residential and commercial plants.

OUR SERVICE

The service includes the planning, the authorization process, the eventual financing and insurance, installation, connection to the network and finally the request of FIT (if applicable).

THE STEPS OF OUR APPROACH TO THE PROJECT

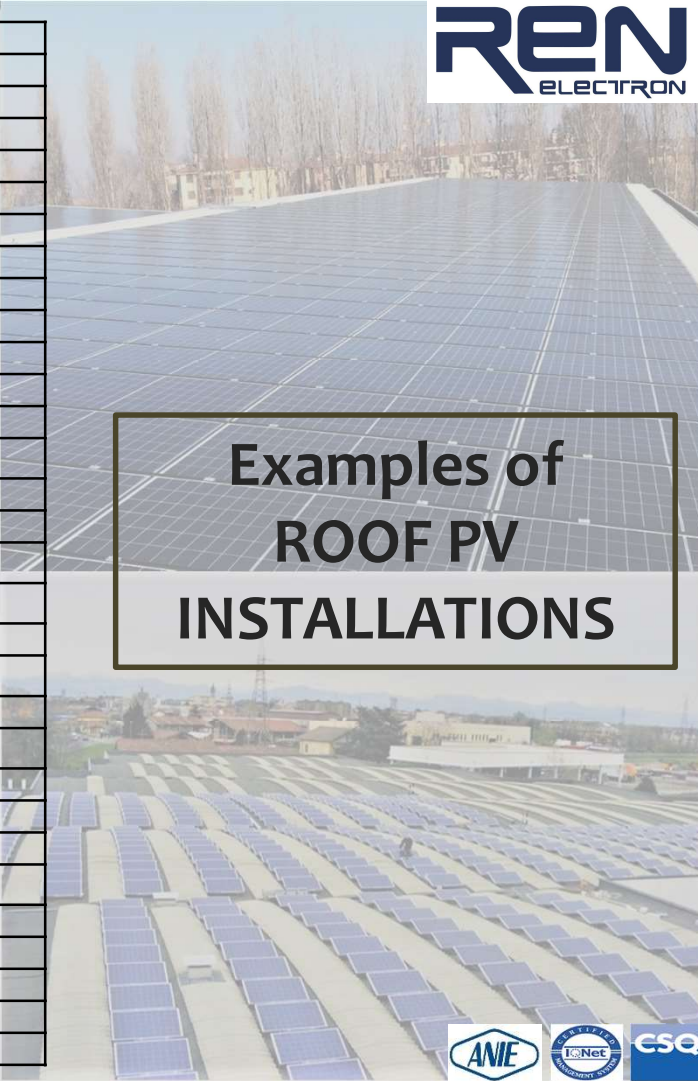
- 1) Feasibility study;
- 2) Executive planning;
- 3) Authorization and financial management process;
- 4) "Turn-key" realization.



424,32 kWp Rooftop PV System installed in Italy - Tribiano (MI)

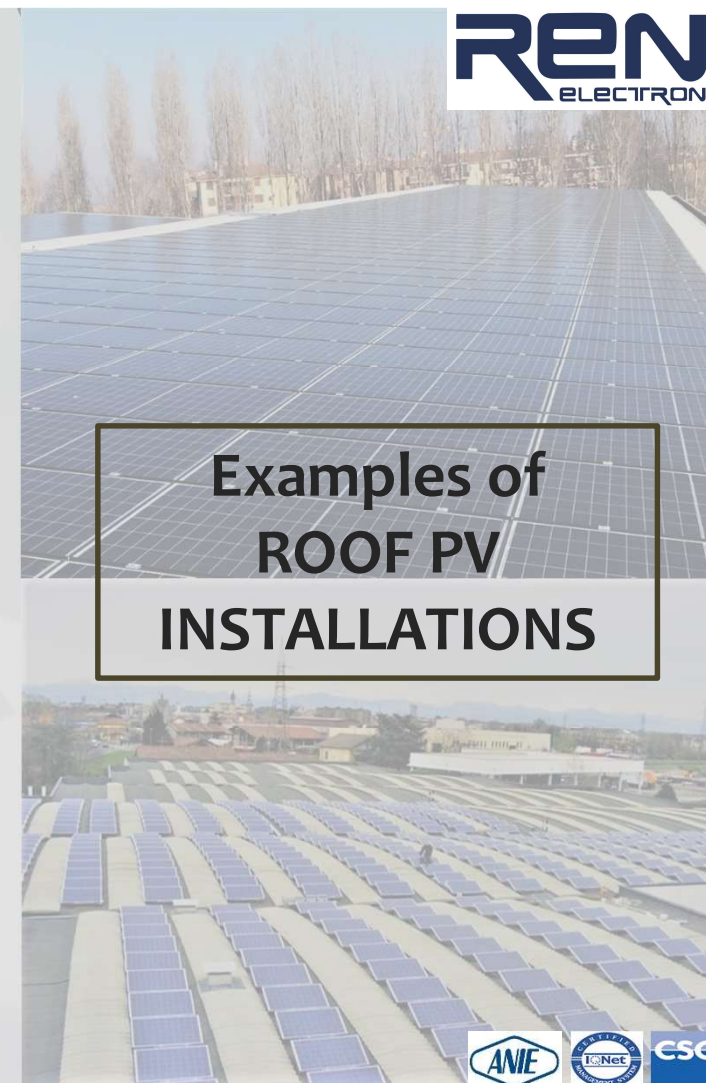


MOLISE	15,12 kW	Shelter	ISERNIA
MOLISE	230,40 kW	Industrial Building	CAMPOBASSO
LOMBARDIA	376,28 kW	Industrial Building	GORGONZOLA (MI)
SICILIA	40,25 kW	Shelter	AGRIGENTO
LOMBARDIA	299,67 kW	pitched roof	TRIBIANO (MI)
LOMBARDIA	56,88 kW	pitched roof	TRIBIANO (MI)
VENETO	82,08 kW	Industrial Building	VERONA
VENETO	141,59 kW	Industrial Building	VERONA
VENETO	12,54 kW	pitched roof	VERONA
LOMBARDIA	31,35 kW	pitched roof	NOVATE M.SE (MI)
VENETO	83,78 kW	Industrial Building	VERONA
VENETO	99,28 kW	Industrial Building	AFFI (VR)
SICILIA	218,40 kW	Industrial Building	RIBERA (AG)
LOMBARDIA	179,76 kW	pitched roof	APPIANO GENTILE (CO)
LOMBARDIA	7,70 kW	pitched roof	BURAGO (MI)
LOMBARDIA	65,54 kW	pitched roof	OSPITALETTO (LO)
LOMBARDIA	53,90 kW	pitched roof	S. GIULIANO M.SE (MI)
SICILIA	19,11 kW	Flat Roof	S. GIOVANNI GEMINI (AG)
SICILIA	5,00 kW	pitched roof	ALESSANDRIA (AG)
SICILIA	19,85 kW	Flat Roof	S. GIOVANNI GEMINI (AG)
SICILIA	5,55 kW	pitched roof	S.STEFANO Q. (AG)
SICILIA	30,14 kW	pitched roof	LERCARA FRIDDI (AG)
LOMBARDIA	57,60 kW	pitched roof	CARUGATE (MI)
PUGLIA	124,08 kW	Industrial Building	MOLFETTA (BA)
LOMBARDIA	2,94 kW	pitched roof	LURANO (MI)
SICILIA	35,28 kW	Flat Roof	S. GIOVANNI GEMINI (AG)
SICILIA	9,80 kW	pitched roof	SCIACCA (AG)
SICILIA	2,94 kW	pitched roof	S.STEFANO Q. (AG)
VENETO	740,16 kW	pitched roof	STANGHELLA (PD)
SICILIA	19,68 kW	Shelter	BELMONTE (AG)
LOMBARDIA	218,40 kW	Industrial Building	CAVENAGO B. (MI)



**Examples of
ROOF PV
INSTALLATIONS**

LOMBARDIA	125,02 kW	Industrial Building	AGRATE B. (MI)
SICILIA	40,42 kW	Industrial Building	ALIA (PA)
SICILIA	4,70 kW	pitched roof	S.STEFANO Q. (AG)
SICILIA	2,88 kW	pitched roof	S.STEFANO Q. (AG)
SICILIA	5,76 kW	Roof	S.STEFANO Q. (AG)
SICILIA	50,88 kW	Curved Roof	ROCCAPALUMBA (AG)
LOMBARDIA	3,36 kW	pitched roof	CERNUSCO L.NE (MI)
SICILIA	5,60 kW	pitched roof	S.STEFANO Q. (AG)
SICILIA	5,76 kW	Roof	REALMONTE (AG)
LAZIO	398,00 kW	Roof	TARQUINIA (VT)
LOMBARDIA	126,60 kW	Industrial Building	CARUGATE (MI)
LOMBARDIA	91,80 kW	Industrial Building	CARUGATE (MI)
SICILIA	20,00 kW	Industrial Building	S.STEFANO Q. (AG)
LOMBARDIA	836,18 kW	Industrial Building	CAMBIAGO (MI)
SICILIA	100,00 kW	Industrial Building	S.STEFANO Q. (AG)
LOMBARDIA	36,00 kW	Industrial Building	NOVATE M.SE (MI)
TOSCANA	19,74 kW	Shelter	SACANSANO (GR)
SICILIA	2,94 kW	Roof	S.STEFANO Q. (AG)
Emilia Romagna	199,88 kW	Industrial Building	REGGIO EMILIA
LOMBARDIA	350,00 kW	Industrial Building	CONCOREZZO
LOMBARDIA	390,00 kW	Shelter	VIMODRONE
SICILIA	5,17 kW	Roof	S.STEFANO Q. (AG)
SICILIA	2,82 kW	Roof	S.STEFANO Q. (AG)
LOMBARDIA	44,50 kW	pitched roof	APIANO GENTILE (CO)
LOMBARDIA	30,00 kW	pitched roof	PADERNO DUGNANO (MI)
LOMBARDIA	80,00 kW	Flat Roof	SEREGNO (MB)
LOMBARDIA	140,00 kW	pitched roof	INZAGO (MI)
LOMBARDIA	14,70 kW	pitched roof	CONCOREZZO (MB)
TOSCANA	11,00 kW	Shelter	PIENZA (SI)
LOMBARDIA	9,00 kW	pitched roof	MILANO (MI)
LOMBARDIA	125,02 kW	Industrial Building	AGRATE B. (MI)



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**Examples of
ROOF PV
INSTALLATIONS**



PV Greenhouses

The Photovoltaic Greenhouse solution by REN Electron.
Architecture and structure of the double-pitched greenhouse

FEATURES

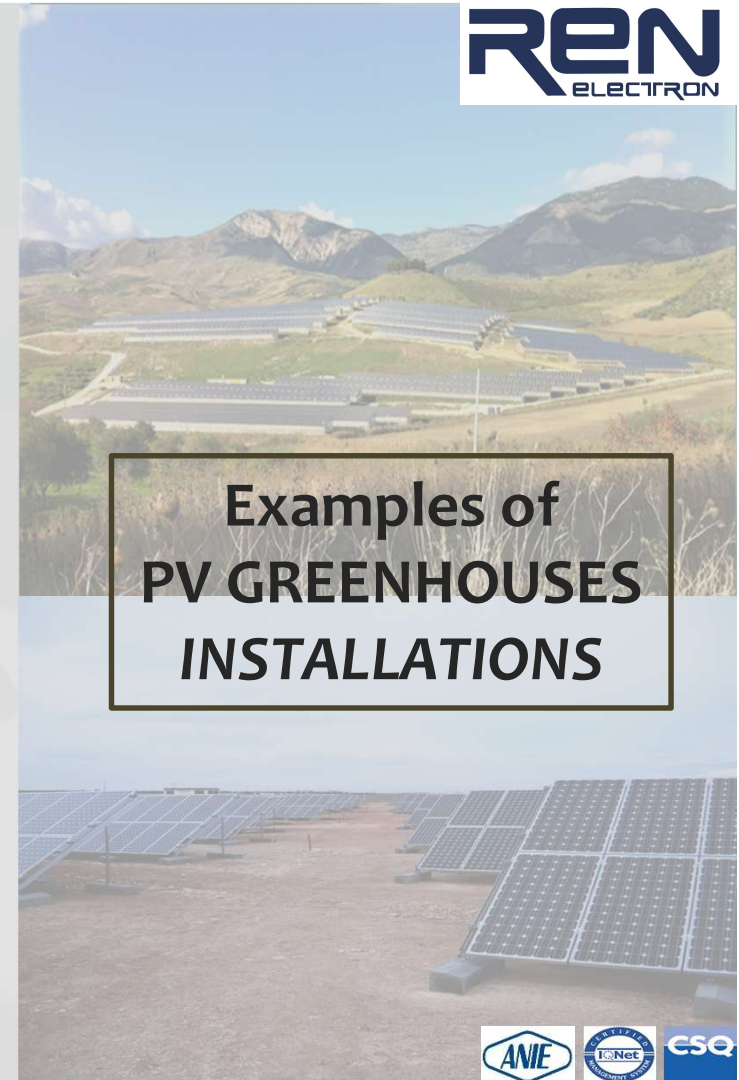
The structure is sized in length and depth specifically for the place of installation with a height minimum of about 2.50 meters at the eaves and a maximum height at the ridge in compliance with the building regulations in force in the area typically from 5 to 7 meters.

Laying the photovoltaic modules on the coverage of the structure, is typically realized a plan of fixed inclination of about 20° / 25° .

A patented system of canalizations placed at the bottom of the structure of the cover, ensures the conveyance and collection of rainwater.



REGION	Power kWp	IMPIANTO	Location
Sicilia	425,00	Green House	BIVONA (AG)
Lazio	500,00	Green House	ARLENA (VT)
Sicilia	893,70	Green House	BIVONA (AG)
Sicilia	1.080,00	Green House	BIVONA (AG)
Lazio	2.542,00	Partial EPC	TARQUINIA (VT)
Sardegna	932,48	Green House	CAPOTERRA (CA)
Sicilia	852,72	Green Filed	RAMACCA (CT)
Lombardia	924,60	Partial EPC	MANTOVA
Lombardia	825,00	Partial EPC	MANTOVA
Lombardia	787,50	Partial EPC	MANTOVA
Lombardia	790,00	Partial EPC	MANTOVA
Sicilia	7.000,00	Green House	S. ANGELO MUXARO (AG)
Sicilia	3.000,00	Green House	LICODIA EUBEA (CT)
Lazio	910,00	Greenfiled	TARQUINIA (VT)



**Examples of
PV GREENHOUSES
INSTALLATIONS**

On ground PV Systems

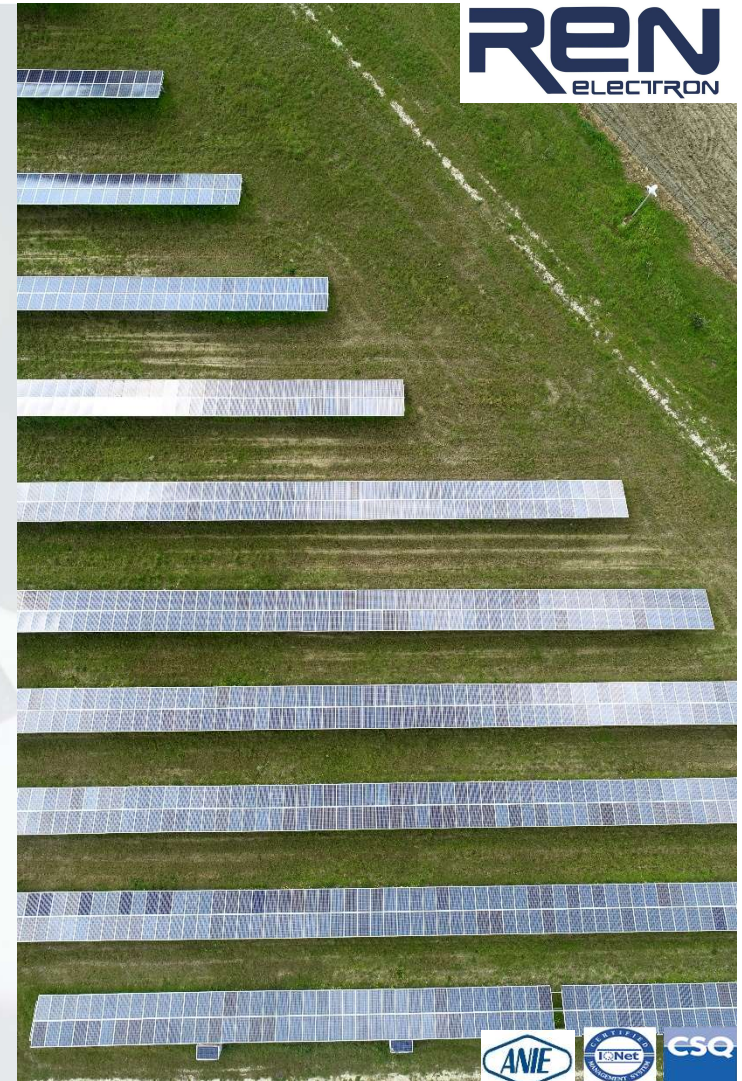
Reliability and experience in implementation (EPC) and in the management (O & M) of photovoltaic systems

OUR EXPERIENCE

We design, construct and manage large-scale photovoltaic systems in Italy and abroad with the best and most innovative technologies available on the market.

Thanks to our decades of experience and our reliability we are able to meet the needs of our customers and guarantee the maximum performance.

During 12 years we have achieved dozens of MW of plants photovoltaics owned and on behalf of our customers.





Ren Electron designs and installs large photovoltaic systems with the use of Trackers.

In 2020, Ren Electron, enters strongly in Market Parity with the design and realization of 3 MW on single-axis trackers for which, moreover, it has performed specific training for installation and design.

1x3MW Solar Project installed on the ground on single-axis trackers, Sicily - Calatafimi Segesta (TP)



Contatti



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