

COMPANY PROFILE



Energia Alternativa

Il futuro che cambia

Company Profile



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Our field:

- Engineering, management and control Green Energy
- Engineering, management and control Standard Electricity Energy Testing and certifications

How we operate:

- Reclaim of the most important data to evaluate the request of the investor or of the direct customer
- 3D Scanning of the interested area of the site by the usage of a laser Scanning device
- Graphic elaboration of the data acquired
- Evaluation and optimization of the project to obtain the right balance between the investment and the profit
- Development of the base project
- Discussion of the project with the investor
- Formalization of the order
- Development of the executive project
- General Time schedule of the order management

- Time schedule specific for each different sector of the order from the execution to the test, realization of requested documentation, commercial condition
- Realization of the order with qualified personnel
- Education of the local personnel on how to operate on site

Reference in the Green Energy field:

- 1200 project developed in the last 6 years, 500 acquired order
- Realization of 100 installation of big plant
- Realization of 200 installation of medium plant
- Realization of 80 installation of small plant
- Realization of 3 installation of approx 1 Mw with TUV certification for REC SOLAR
- Collaboration on the realization of 3 Biogas plant

Monitoring, management and maintenance on over 100 Installation between fotovoltaic and Biogas.

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Inverter Management

Control on the production on each equipment, detail production of the inlet inverter, information of anomaly and alarms.

This management is allowing us to intervene in case of anomalies or defective on the production system and energy conversion.

Normally are used the inverter of each singular firm(POWER, ONE, SMA...) that communicate with their portal or equipment SOLARLOG (for the compatible inverter) that send the data to the portal SOLARLOG

Performance monitoring

With the usage of calibrated irradiance sensor and the tracking of the production of the fiscal meters it is possible to calculate the effective production of the photovoltaic installation

Using [TEAMWARE](#) equipment expressly designed for this type of survey that send the data to the dedicated portal.

Remote control

Remote survey of the status of the principal switch of the plant and in some case the possibility of re arm the switch. The used equipment are dedicated extension of [TEAMWARE](#).

Video surveillance

Video camera dislocated in the plant allows the surveillance and the record of each single area. Utilization of equipment of the main firm on the base of the necessity.

Anti intrusion Alarm

Dedicated installation will allow the surveillance and the monitoring of the entrance of the area of the plant by the usage of micro way wave, movement sensor, opening sensor, optical fibre.

Mechanical antitheft system

Mechanical antitheft system (security ball, burglar screws) are used to obstruct the removal of parts of the installation.

Auxiliary system for data transfer

By the utilization of LAN connection with cable, wireless or fibres for the connection of the equipment of different system of the installation to the dedicated internet access, in this way all the system can send the proper data to the portal and dedicated system.

The internet access point: with ADSL connection of the phone provider, data connection with the cell phone, wireless connection ADSL, satellite connection ADSL, are possibility to access internet depending on the local needs of the customer.

Auxiliary system for the power supply

UPS (continuous group) dedicated to the various system provide the adequate temporary functional supply to the different system of the installation.

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...IN ITALY WE ARE COLLABORATING WITH...

Solar Living
Energy for you



REC

juwi
L'energia qui e ora



SUNPOWER

CarpentExpo

**GRUPPO
CECCATO**

Plant
Service

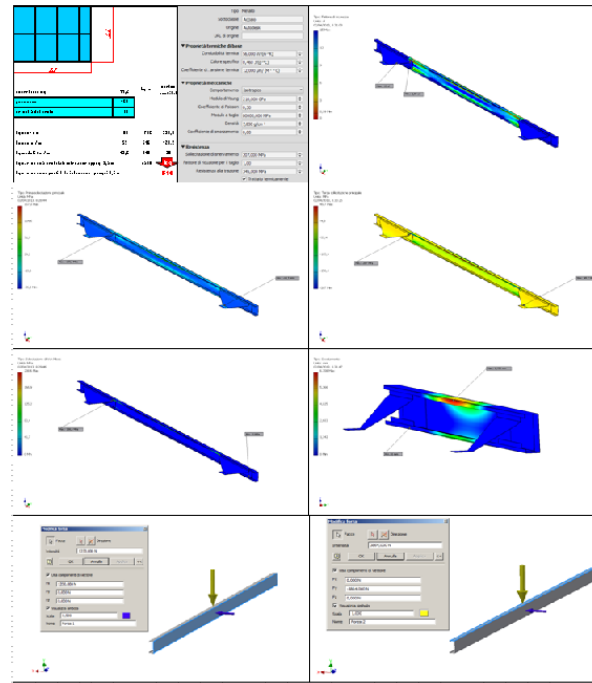


**ALESSANDRO LORENZETTI
DESIGN**

SCHIEDEL
ENABLES ENERGY EFFICIENCY

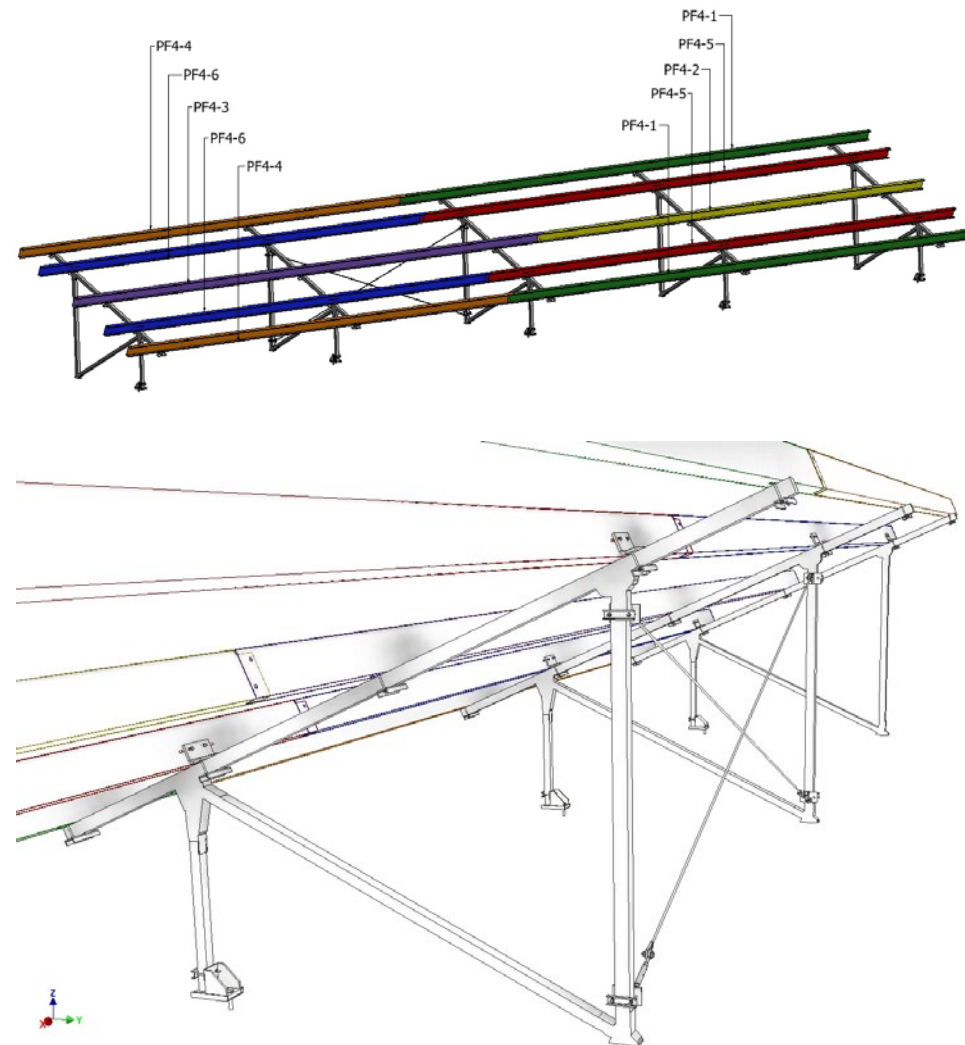
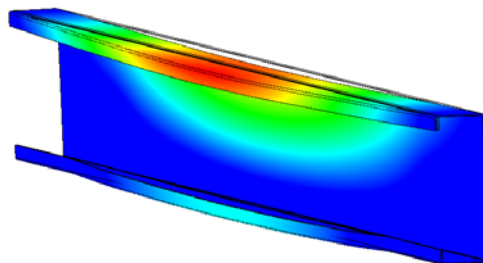
malegori

GESTA
GLOBAL SERVICE MAKERS



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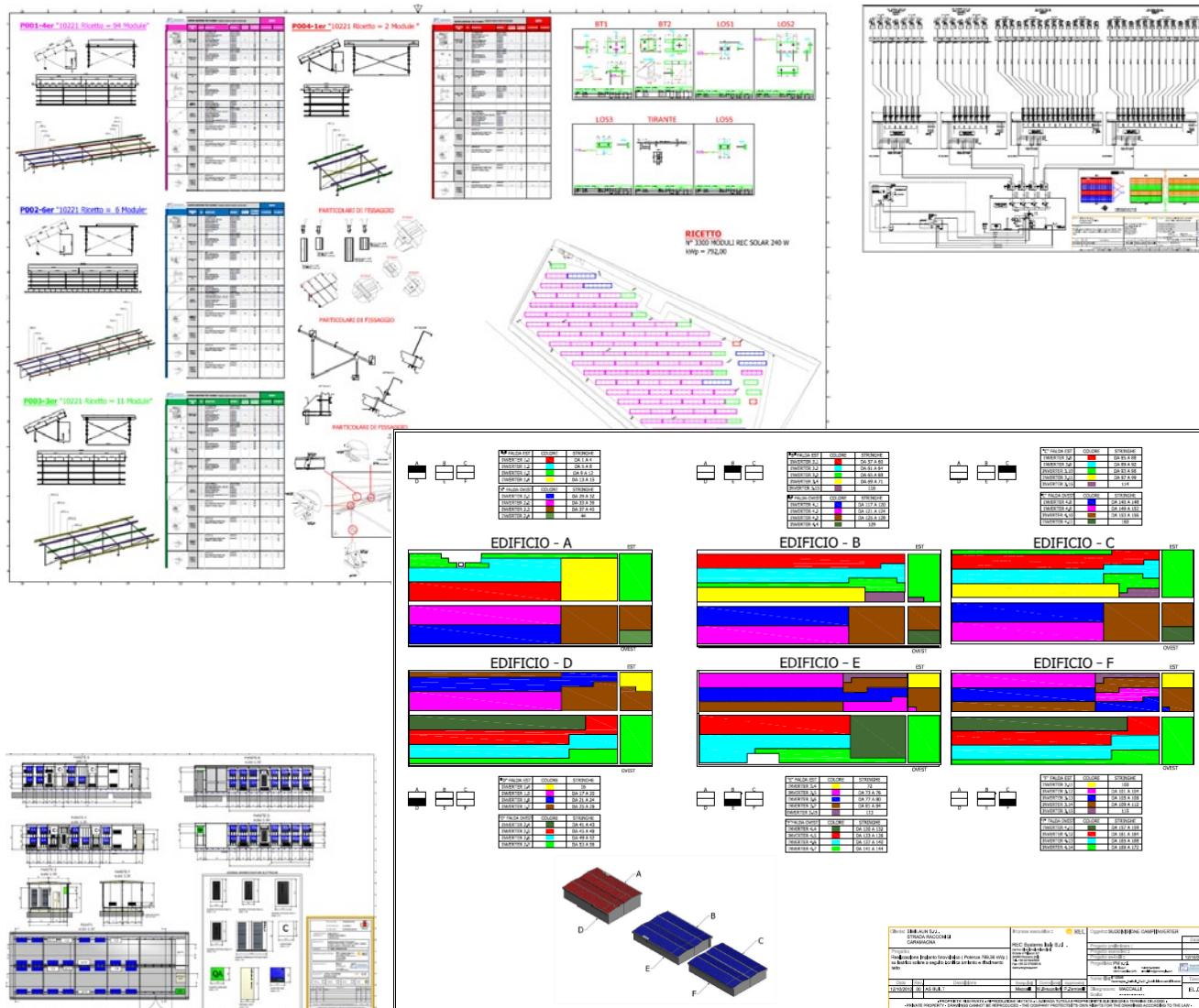


Engineering



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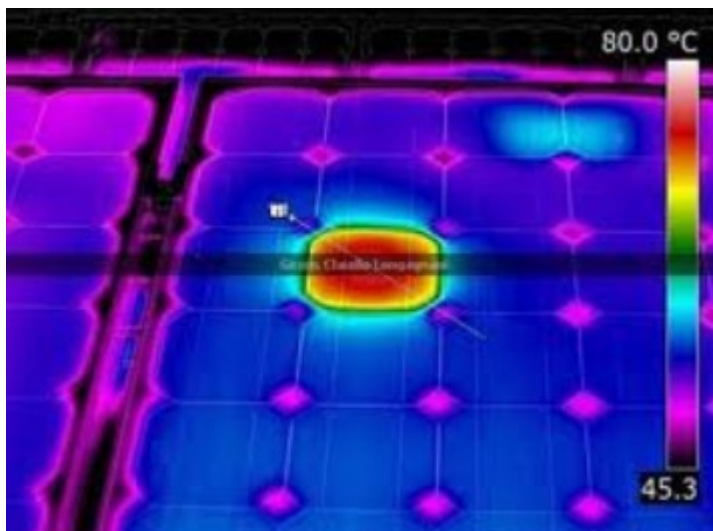


Test



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Laser 3D



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3D scan with the usage of laser scanner

Site visit before the job start

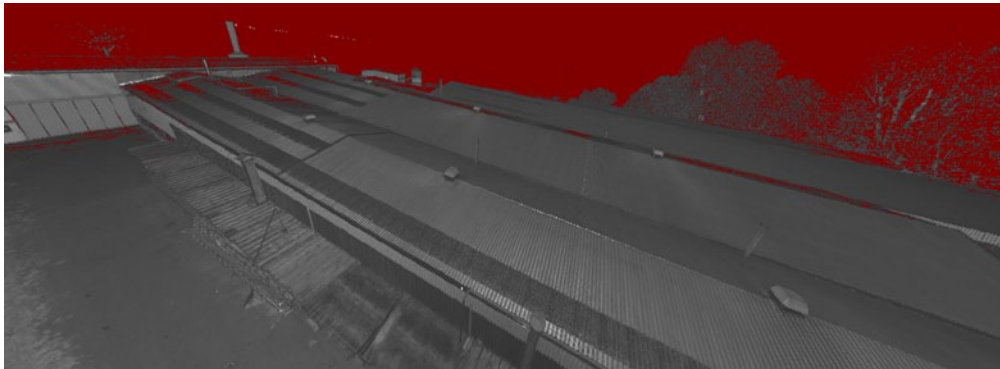


Engineering

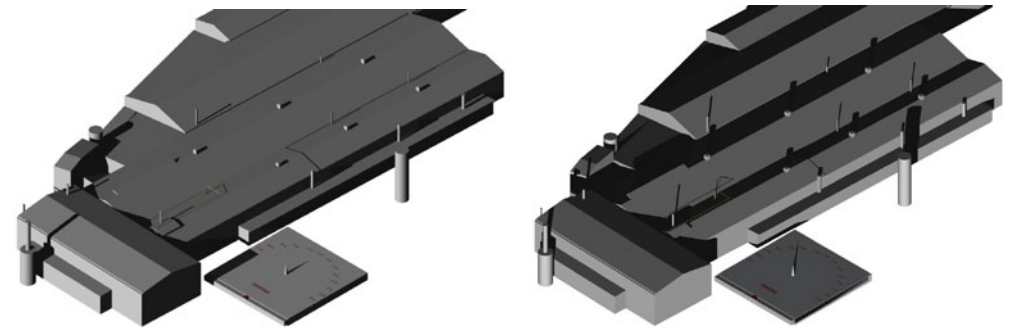


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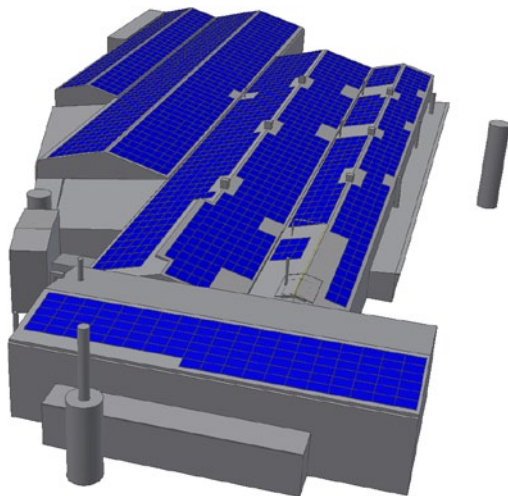
Scanning and elaboration trough graphic station and dedicated software



Simulation of the Shadow during the 12 month of the year for an optimization on the install module



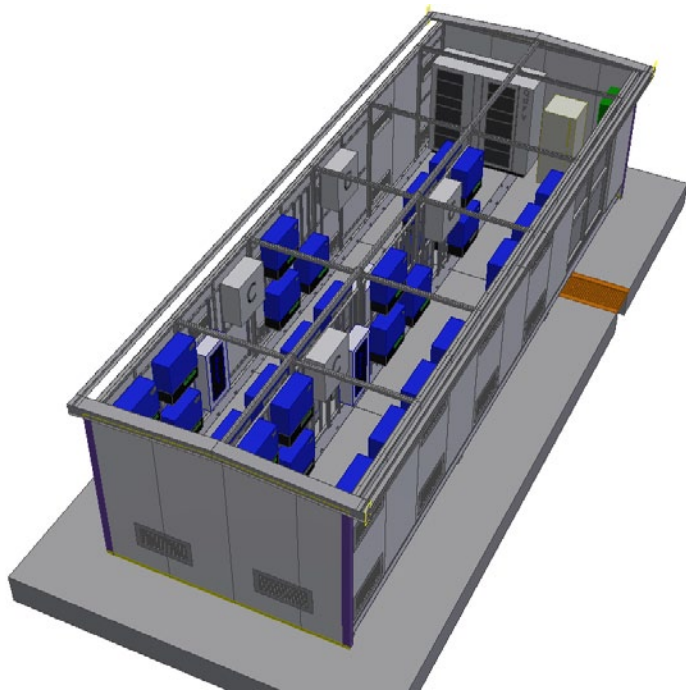
Elaboration of the executive project



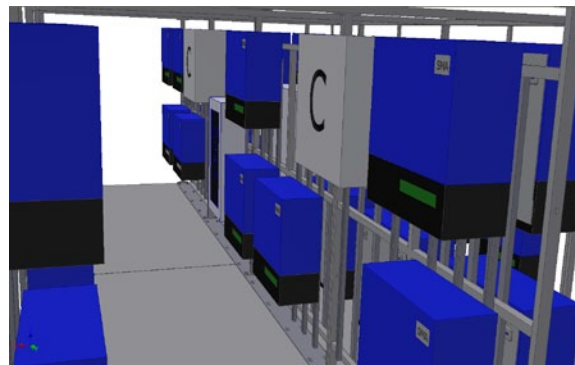
Visit after the realization of the job



Elaboration and study of the local inverter with optimization of the space considering the thermal dissipation rules of the electrical component.



Engineering



Reality



Engineering



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**GRUPPO
CECCATO**

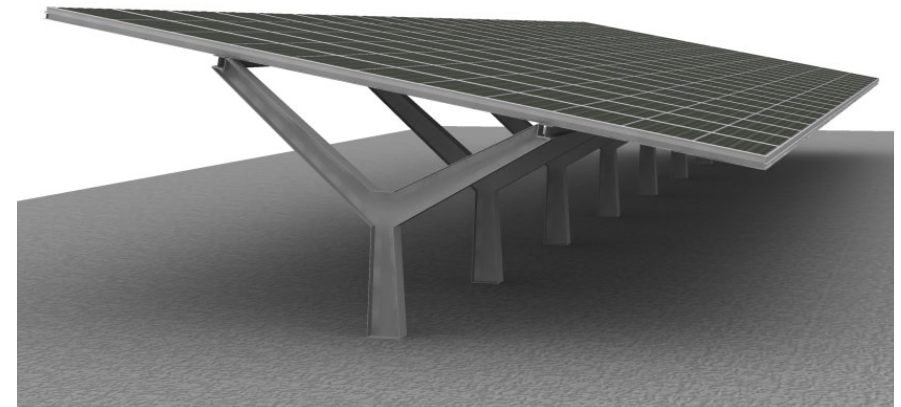


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CECCATO



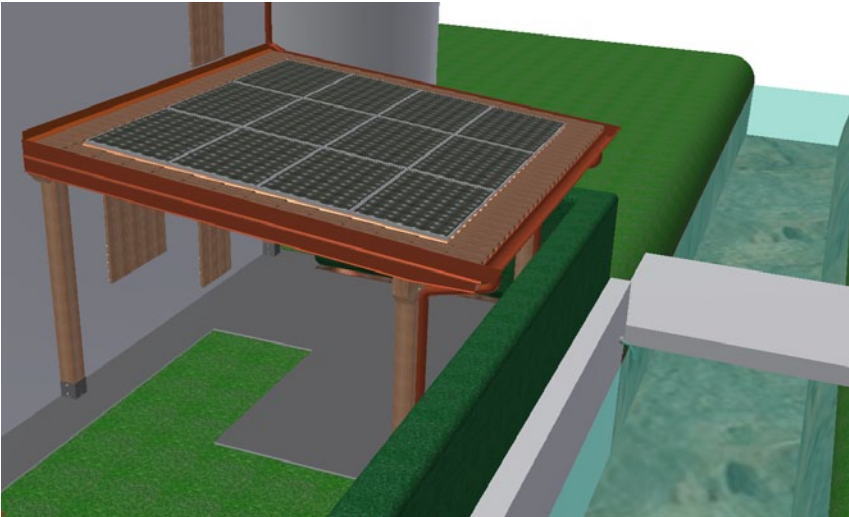


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