



BUILDING
CLEAN
POWER

WWW.CEMIENERGY.IT



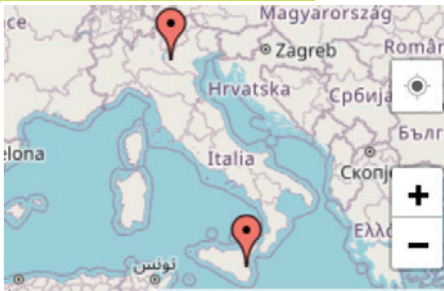
WHO WE ARE

CEMI ENERGY, founded in 2012, specialized in civil works and metalworks designs and constructions for Green Economy, in key of renewable energy and energy efficiency field.

Our slogan "**building clean power**" expresses our desire to leave a better and always more "green" world for the future generations.

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WHERE WE ARE

- Registered office and warehouse
NORTH ITALY located in
San Giovanni Lupatoto (VR)
- Headquarters **SOUTH ITALY** located in
Lentini (SR)

Thanks to our offices and warehouses's strategic locations, we operate easily in all the Country.

FIELD OF ACTIVITY

BIOGAS AND BIOMETHANE



- We construct circular tanks, anaerobic digesters, sewage storage facilities, trenches, utility technical rooms, and any construction works for biogas and biomethane plants. CEMI ENERGY uses own circular biogas formworks.

ENERGY EFFICIENCY



- We realize industrial concrete basements, metal structures, pipe racks, and construction work for cogeneration and trigeneration plants, energy efficiency and WWT systems in the industrial sectors.

AGRIVOLTAICS



- We offer turnkey agrivoltaic vertical and bifacial systems, strongly integrated with the agricultural environment, dedicated for self-consumption or electrical generation into the national grid. All the metalworks for PV panels are manufactured by us.

PHOTOVOLTAIC



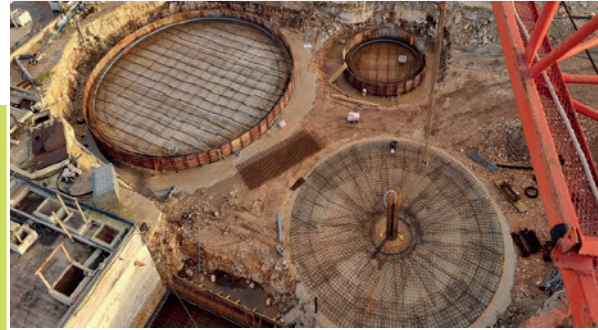
- We install turnkey photovoltaic systems roof mounted, ground mounted and on homemade industrial shelters dedicated at car parks; we carrying out directly all the associated construction phases.

REFERENCES AND CASE HISTORIES



WWT BIOGAS PLANT FOR AVIMECC (RG)

- Construction of an anaerobic digester for industrial wastewater
- Oxidation and denitrification tank
- Industrial clarifier with central cone
- Purification tank and biomass tank



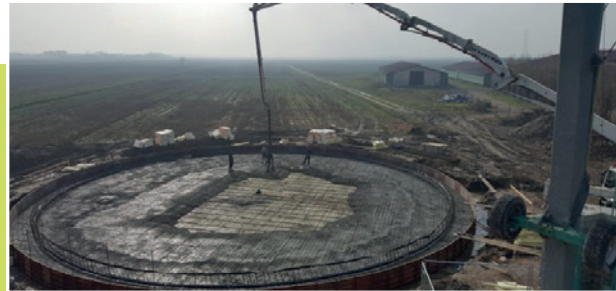
WWT BIOGAS PLANT FOR AVIMECC (RG)



REFERENCES AND CASE HISTORIES

AGRICULTURAL BIOGAS PLANTS FOR FARMS: FORESTO AND CORTE GEMMA (VE)

- Construction of anaerobic digesters
- Loading and unloading pre-tanks
- Biogas plant construction
- Technology rooms
- Circular storage tanks



AGRICULTURAL BIOGAS PLANTS FOR FARMS: FORESTO AND CORTE GEMMA (VE)



REFERENCES AND CASE HISTORIES

NR. 02 BROWNFIELD BIOMETHANE PLANTS OF 500 Sm³/h EACH - LATINA (LT)

- Construction of 8 anaerobic digesters
- Central pole to support the gasometer
- Wiretarp gas protection system
- Biogas formwork without feedthroughs



NR. 02 BROWNFIELD BIOMETHANE PLANTS OF 500 Sm³/h EACH - LATINA (LT)



REFERENCES AND CASE HISTORIES

CIVIL WORKS UTILITIES FOR BIOGAS AND BIOMETHANE PLANTS

- Storage tanks with odor-proof tarpaulins
- Silage trenches and underground tanks for storing pomace and liquids
- Complete civil engineering works for biogas upgrading, accessories, and technologies
- Technology rooms
- Earthmoving



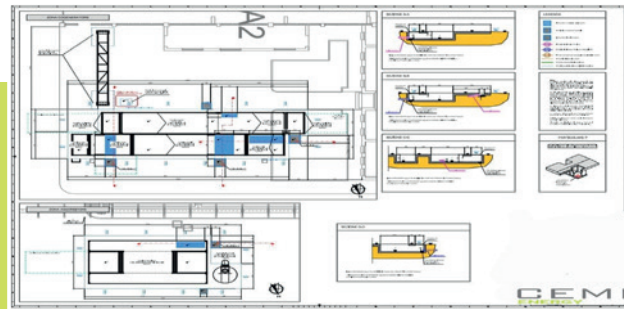
CIVIL WORKS UTILITIES FOR BIOGAS AND BIOMETHANE PLANTS



REFERENCES AND CASE HISTORIES

TRIGENERATION BUILDING WORKS FOR POLYGLASS (TV)

- Industrial basements for a 2.7 MWe cogeneration plant
- Construction works for the installation of a lithium bromide absorber
- Excavations, cable ducts, pipe racks, parking lots
- Lithium bromide absorber's basement construction works



TRIGENERATION BUILDING WORKS FOR POLYGLASS (TV)



REFERENCES AND CASE HISTORIES

1 MWp AGRIVOLTAIC PLANT ON VERTICAL CANOPIES FOR A FARM (BS)

- Supply and installation of vertical solar canopies
- Supply of bifacial solar PV panels
- Mechanical installation
- Electrical installation
- Civil works
- Video surveillance, intrusion detection system, fencing, perimeter lighting



1 MWp AGRIVOLTAIC PLANT ON VERTICAL CANOPIES FOR A FARM (BS)



REFERENCES AND CASE HISTORIES

1.2 MW PHOTOVOLTAIC PLANT FOR PFIZER (AP)

- Pfizer's car parks refurbishment
- Supply and installation of self-built photovoltaic carports
- 1.2 MWp photovoltaic system mechanical installation



1.2 MW PHOTOVOLTAIC PLANT FOR PFIZER (AP)



REFERENCES AND CASE HISTORIES

100 kW PHOTOVOLTAIC PLANT ON THE ROOF (VR)

- Photovoltaic plant installation for an industrial warehouse
- Mechanical installation
- Electrical installation



METALWORKING INDUSTRY



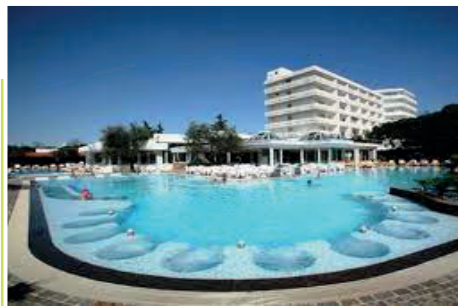
100 kW PHOTOVOLTAIC PLANT ON THE ROOF (VR)



REFERENCES AND CASE HISTORIES

350 kW PHOTOVOLTAIC PLANT ON SOLAR CARPORTS (PD)

- Photovoltaic plant installation on solar carports in a 5★ luxury hotel's parking
- Mechanical installation
- Electrical installation



350 kW PHOTOVOLTAIC PLANT ON SOLAR CARPORTS (PD)



REFERENCES

- Construction works for biogas and biomethane plants
- Construction work for co-/trigeneration plants
- Photovoltaic and agrivoltaic
- Green building

Pauli

SACI CARTIERE
SACI S.p.A.

tpv
compound

Avimecc

bioman

ACS DOBFAR

Zoogamma

Fileni

MAPEI

Pfizer

olimpias
Benetton Group

**Cartiera
Cama**
**Cartiera
Marchigiana**

ALGIDA
Unilever

SEBIGAS

CUSUMANO

**Latteria
Seligo**
azienda a marchio dal 1883

REAGENS

S.E.S.A.
SOCIETÀ STRUTTURE SPEDIZIONE UNIVERSITÀ S.p.A.

fluence
ITALY

EUROSETS
MEDICAL DEVICES

CARTIERA DI FERRARA spa

**CARTIERA
COOPERATIVA
RIVALE**

Anaergia

Fainplast
compounds

BTS

fidia
farmaceutici

IGOR
Gorgonzola

AB
A Better
Way

ACTIVITIES ON OFFERED

- Structural Analysis and Engineering
- Design and realization of Metal Structures
- Civil works for Agriculture Biogas and Biomethane Plants
- Civil works for WWT and Organic Waste Biogas and Biomethane Plants
- Civil works for Cogeneration and Trigeneration Plants
- Turnkey solutions for Photovoltaic Plants: on Rooftop, on the Ground, for Industrial solar carports, Turnket solutions for Agrivoltaic Systems with vertical solar canopies Shelters realized by us
- Green Building solutions
- Full Service offers for Photovoltaic and Agrivoltaic Plants





CONTACTS

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