

A new model for industrial energy safety and independence

Case studies from Gruppo Visconti



EnerTech

GRUPPO
FRATELLI VISCONTI



Laboratory specialised in chemical, microbiological and physical analyses in the fields of drinking water, wastewater, waste, reclaimed land and air



Treatment of biomass derived from water purification and its subsequent spreading on the soil for the benefit of agriculture.



Construction and operation of plants for the production of thermal and electrical energy.

About us

ENVIRONMENT AGRICULTURE ENERGY



EnerTech

EnerTech activities cover design, plant construction, management and monitoring; the company includes engineers with qualified skills in the field of plant design who gained experience in the construction of electricity production plants and energy efficiency interventions



How we operate

AN EXPERIENCED PLAYER ACROSS THE WHOLE VALUE CHAIN

Enertech deals with the initiative from the funding phase, to designing the plant to operate as EPC contractor

FUNDING



ENGINEERING



MANAGEMENT



Virtual connection - the new boundary of self consumption



Plant installed in the
same primary cabin as
the industrial user



Remuneration via
incentive accrued
from shared energy



Connection via existing
infrastructure network to
withdrawal user

Virtual connection - the benefits

VIRTUAL CONNECTION

Energy sharing
between a
photovoltaic plant
and an industrial
counterpart.



VERSATILE

Plant and customer are not contiguous but simply located in the same primary cabin



AFFORDABLE

Investment borne entirely by the supplier



ADAPTABLE

Customer only pays the self consumed energy

Virtual connection - case study 1

THE CONTEXT

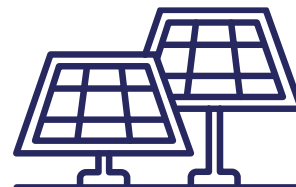


Metal components manufacturer

Energy consumption: 5700 MWh

Located within a regional park
banning ground photovoltaic plants

THE SOLUTION



Ground photovoltaic plant installed
within the same primary cabin

Energy production: 1400 MWh

Reduction of CO₂ emissions: 353000 kg

Remuneration from incentive: € 50,000 +

Virtual connection - case study 2

THE CONTEXT

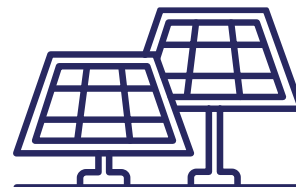


Flour mill

Energy consumption: 2400 MWh

Mill roof not able to host a photovoltaic plant.

THE SOLUTION



Photovoltaic system installed on the roof of a logistics building nearby

Energy production: 1350 MWh

Reduction of CO₂ emissions: 293,000 kg

Remuneration from incentive: € 35,000 +



EnerTech

Strada Vicinale della Bellaria, snc
27020 Tromello (PV)

Tel. 0382 80 90 33 • info@enertechimpianti.com

www.enertechimpianti.com



GRUPPO
FRATELLI VISCONTI
AGRICOLTURA AMBIENTE ENERGIA

Strada Vicinale della Bellaria, snc
27020 Tromello (PV)

Tel. 0382 80 90 33 • amministrazione@fratellivisconti.it

www.fratellivisconti.it

Backup table

Plant size (kW)	Base fee	Variable fee (depending on local price)	Maximum fee		
			South	Center	North
$P \leq 200$	80 €/MWh	0 ÷ 40 €/MWh	120 €	124 €	130 €
$200 < P \leq 600$	70 €/MWh	0 ÷ 40 €/MWh	110 €	114 €	120 €
$P > 600$	60 €/MWh	0 ÷ 40 €/MWh	100 €	104 €	110 €