



CONSUL SYSTEM

— E.S.Co. —



**ENERGY
EFFICIENCY
FOR INDUSTRIES**

Our engineering consultancy is the first step towards a sustainable future

Consul System provides technical and engineering consulting services for complex industrial systems.

Starting from a detailed energy audit, Consul System identifies solutions to improve energy efficiency and reduce energy consumption in large industrial facilities.

Consul System's activities are based on a distinctive expertise in the design and application of advanced calculation algorithms, developed to ensure a rigorous, verifiable, and certifiable quantification of energy savings and avoided CO2 emissions. As a result of these improvements, our clients might have access to incentive schemes and environmental markets, both regulated and voluntary.

Services

Energy Efficiency Certificates (White Certificates - TEE)

Identification, development, and submission of energy efficiency projects. Full support in reporting activities throughout the entire incentive period and management of the certificates obtained.

Combined Heat and Power Plant (CAR)

Support for CAR recognition and for accessing incentive schemes provided by current regulations.

Emission Trading Scheme (ETS)

Support to operators subject to ETS obligations, including emissions monitoring and reporting, assistance during verification processes by accredited bodies, updates of monitoring plans, and management of authorizations.

Energy Audits

Execution of energy audits aimed at identifying efficiency measures and ensuring compliance with regulatory obligations.

Energy Performance Contract (EPC)

Development and financing of energy efficiency projects through performance-based contracts, ensuring guaranteed energy savings and sharing the resulting economic benefits.

ISO 50001 – Energy Management Systems

Support for the implementation and maintenance of Energy Management Systems in accordance with UNI CEI EN ISO 50001 standards.

Voluntary Carbon Credit (VER), Article 6 and ITMO

Technical consultancy for the development, certification, and valorization of voluntary carbon credits, with a particular focus on complex industrial sectors. Support in the development of “Article 6 ready” projects and in structuring mechanisms aligned with “Internationally Transferred Mitigation Outcomes” (ITMO), in compliance with international standards (e.g., Gold Standard, Verra) and emerging global carbon market requirements.

Carbon Border Adjustment Mechanism (CBAM)

Support to companies in assessing CBAM impacts, quantifying embedded emissions in products, and developing monitoring and reporting systems required by European regulations, ensuring consistency with ETS frameworks and future regulatory developments.

Other Incentives and Industrial Transition

Assistance in defining projects and verifying eligibility requirements for accessing incentive schemes related to technological and digital transformation of industrial processes.

STEEL PLANTS

ILVA-Taranto
Arvedi AST-Acciai Speciali Terni
Acciaierie Venete-Padova
Acciaierie Venete-Sarezzo
Acciaierie Venete-Mura
Acciaierie Venete-Dolcé
Acciaierie Venete-Buja
Acciaierie Venete-B. Valsugana
Acciaierie Venete-Odolo
Acciaierie Valbruna-Vicenza
Nunki Steel-S. Giorgio di Nogaro
Italfond-Brescia
NMLK-Vallese di Oppeano
TPP Duferco-S. Zeno sul Naviglio
Sideralloys-Portovesme
ILVA-Genova
ILVA-Novi Ligure
Riva-Caronno
Riva-Lesegno
Riva-Sellero
Riva-Verona
Feralpi-Lonato
Acciaierie d'Italia-Novi Ligure
Acciaierie d'Italia-Taranto
Acciaierie d'Italia-Genova

CEMENT PLANTS

Buzzi Unicem-Augusta
Buzzi Unicem-Guidonia
Buzzi Unicem-Vernasca
Buzzi Unicem-Trino
Colacem-Galatina
Colacem-Ragusa
Colacem-Rassina
Colacem-Sesto Campano
Colacem-Caravate
Colacem-Ghigiano
Cementeria di Costantinopoli-Barile
Barbetti-Gubbio
Sacci-Greve in Chianti
Sacci-Pescara
Calme-Marcellinara
Italcalce-Terracina

PHARMACEUTICAL INDUSTRY

Pfizer Italia-Ascoli Piceno
Wyeth Lederle-Catania
Pfizer GSK-Aprilia

FOOD & BEVERAGE

Acqua S.Benedetto-Scorzé
Acqua S.Benedetto-Viggianello
Acqua S.Benedetto-Fonte Cutolo
Gran Guizza-Popoli

INFRASTRUCTURE AND TRANSPORT

GRIMALDI-Napoli
Gruppo Ferrovie dello Stato
PSN (Polo Strategico Nazionale)
FiberCop
TIM-Roma
NTV Italo-Roma
Captrain
Medway - Gruppo MSC
A2A Calore e Servizi-Brescia
A2A Ambiente-Brescia
Unareti-Gruppo A2A-Brescia
SPV LINEA M4-Milano

REFINERY, PETROCHEMICAL AND CHEMICAL PLANTS

ENI-Livorno
ENI-Sannazzaro de' Burgondi
ENI-Porto Marghera
ENI-Taranto
ENI-Milazzo
RAM-Milazzo
Isab-Priolo Gargallo
Iplom-Busalla
Versalis-Mantova
Versalis-Priolo Gargallo
Versalis (IBP)-Crescentino
Solvay-Rosignano
Yara-Ravenna
Yara-Ferrara
Total Erg-Roma
Viscolube-Lodi
SIAD-Rosignano
SIAD-Osio
SIAD-Porto Torres
SIAD-Carlino

GLASS FACTORY

VCP-Piegaro
Vebad-Gioia del Colle
VDN-San Giorgio di Nogaro
Ardagh Glass-Montorio al Vomano
Pilkington-San Salvo
Flovetto-San Salvo
Vetriere Riunite-Colognola ai Colli
Bormioli Luigi-Parma
Vetreria di Borgonovo-
Borgonovo Val Tidone

OTHER SECTORS

LFoundry-Avezzano
Simar-Porto Marghera
Sacal-Carisio
Terreal-Valenza
Sicem Saga-Ciano d'Enza
Electrolux-Forlì
Aquafil-Arco
Aquaspace-Rovereto
Tessil 4-Cares
Essex Italy-Quattordio
Italiana Coke-Cairo Montenotte
FBM-Marsciano
Refuel-Silvano d'Orba
Siniat-Corfinio
Adim Scandolara-Ascoli Piceno
Geofor-Pontedera
Osimo Illumina
Amato Alluminio-Salerno

PAPER MILL

Burgo-Sora
Burgo-Verzuolo
Burgo-Avezzano
Burgo-Duino
Burgo-Mignagola di Carbonera
Burgo-Tolmezzo
Burgo-Lugo di Vicenza
Burgo-Villorba
Cartitalia-Mesola
ProGest-Mantova
Cartiera di Tolentino-Tolentino
Cartiera di Tolentino-Capannori
Cartiera di Carbonera-
Camposampiero
Cartiera di Villa Lagarina
Cartiera di Bosco Marengo
DS Smith-Porcari
Lucart-Diecimo
Lucart-Avigliano
Lucart-Castelnuovo Garfagna
Cartiera Giorgione-
Castelfranco Veneto
Essity-Porcari
Cartiera di S Lorenzo-Fivizzano
Cartiera di Pratolungo
PKarton-Roccavione
Cartesar-Pellezzano
Cartiere di Trevi-Borgo Trevi
Cartiera di Capostrada
Casalino Carta-Rocca Grimalda
Cartiera Fenili-Altopascio
Smurfit Westrock Cartiera di
Verzuolo

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*"Ingenuity is seeing possibilities
where others see none"*

Enrico Mattei

Our certifications

