



consorzio edile elettromeccanico
Società Consortile a r.l.

Petrol Station building and renovation

Company Profile 2015



OVERVIEW

CEDEM Scarl – Consorzio Edile Elettromeccanico is a holding company based in Italy consisting of enterprises operating in Civil Engineering, Plant Design, Architecture, Project Management, General Contracting and specialized in design, construction and maintenance of petrol stations and technological systems.

Petrol station building and renovation design is developed by CEDEM in partnership with UBI URBS, an engineering company based in Italy.

CEDEM makes multidisciplinary its guiding principle, with the aim of responding to the challenges and complexity of the places sites with an integrated and cross-sectorial approach.

Our know-how is based on precision and balance combined with creativity and innovation, always trying to achieve successful outcomes for every Client.

CEDEM supports its Clients with all the technical professional services to ensure the fulfilling of all tasks of the building process.

CEDEM is characterized by its extreme flexibility, with the aim of providing technical support to the public administrations and private companies in the study, planning and management of physical, geographical and strategic activities.

The working method adopted by the teams of CEDEM and UBI URBS allows us to bring intelligence, enthusiasm and innovation to the project and the construction, each time interpreting them as an opportunity for experimentation.





ORGANIZATION / COMPANY STRUCTURE

CEDEM has offices in northern Italy (Modena, Bologna, Parma), employs 140 People and has 20 Mn Euro of revenues.

The design and construction processes are structured on the contribution of sectorial skills and experience of each professional, allowing us to define and adapt the advice to the specific needs and complexity of each commission, ensuring consistency, quality and originality of the process.

The professional staff have various skills pertaining to the field of architecture, engineering and technological systems.

The Project Manager assigned to a project or a customer is the single point of contact with and for the Client and is supported by our Departments to solve all technical aspects of the project.





OUR CAPABILITIES / SERVICES

We provide our expertise and experience in project management services, assistance and technical support in the Architecture, Engineering and Project Management fields to support customers and investors.

CEDEM supports its Clients with all the technical professional services to ensure the fulfilling of all tasks concerning the project and the construction:

- **Project Management:** project procurement process; design and construction scheduling; design progress monitoring and reporting; permissions and approvals procedures with all statutory and local authorities; monitoring of safety and quality standards during the construction process.-
Preliminary studies: Master plan, concept design, architectural interior and exterior solutions, space management for offices and building.
- **Design:** general design services, architectural, civil, structural, MEP and HVAC, building management systems, fire and acoustic engineering.
- **Construction:** civil, plant and structural works.
- **Scheduled maintenance and after-sales service:** CEDEM assure their customers that the buildings and plants retain full efficiency.
- **Health and Safety:** design, project and construction management procedures used in CEDEM are in accordance with Security System OSHAH 18.001.

CEDEM has always maintained a strong commitment to health and safety for the protection of our staff workers and clients. Our records are a direct result of a commitment to executing projects in a safe and effective manner.

CEDEM has also assembled an experienced safety staff and developed a health and safety program to ensure that this commitment is maintained and continuously improved with organization, plans and audits.

CEDEM injury and illness prevention program focuses on these major areas.





SECTORS

In petrol station design our mission is to understand how the filling areas and the different buildings and activities around forecourts function, carrying out the analysis and design choices needed for integrated planning and development in order to manage interventions in a technically suitable way.

Special attention is paid to the development of clean energy related to design and construction of new sustainable petrol stations, thanks to the installation of photovoltaic plants.

OIL - NON OIL MARKET

CEDEM has more than 200 specialized technicians. It has worked for over 50 years in the oil-non oil field and it is one of the most qualified companies in Italy working in the project, construction, maintenance and management of such petrol stations selling fuel for traction complete with:

- metal platform roof and advertising signs
- market, bar and service station
- car wash and additional facilities
- fixed and mobile fire-extinguishing installations
- sewage disposal and purification plant
- video monitoring
- automation tools
- water and sanitary system
- electric-electronic system
- air-conditioning
- photovoltaic system

In its regular maintenance task, CEDEM guarantees on-site electromechanical and electronic assistance of all the installed pre-payment and management systems.

CEDEM is qualified to work on devices produced by the most important specialized manufacturers such as:

- Gilbarco Veeder Root (of which we are Certified Assistance Center)
- Wayne
- Tokheim
- 4tech.
- Assytech

While managing the plant, CEDEM offers the client a managing system to share all the necessary information for the petrol stations maintenance.

The digital service for the plant data management is the platform on which all the information on the required maintenance is shared.



The portal allows us to see and manage:

- the sales points location
- the focus on each single sales point
- the structure of the plants contained in each sales point and its equipment
- the deadlines of the maintenance program
- the documents and authorizations of the sales points, its plants and equipments
- the tracking of the maintenance services, done and to be done, including the working and proof reports.

LPG (LIQUEFIED PETROLEUM GAS) - NATURAL GAS (METHANE) - LNG (LIQUEFIED NATURAL GAS)

We pay specific attention to low environmental impact fuels, such as LPG (Liquefied Petroleum Gas), Natural Gas (methane) and LNG (Liquefied Natural Gas), which stand for the future of road haulage refuelling, by allowing the refuelling also where the supply net is not available.

We create LPG, Natural Gas and LNG stations using technological solutions aimed at improving the refuelling times and at reducing the temperature during methane compression.





WORKS

- New construction of petrol station, food and beverage areas, car wash and ancillary services.
- Complete restyling and extension works of petrol station
- Rebranding of petrol stations
- Installation of photovoltaic plants for energy production
- Installation and renovation of wastewater treatment plant on petrol station
- Environmental remediation of petrol station

Services:

Project preliminary, final and executive planning

Construction

Works Supervision

Health and Safety Supervision

Final Tests and Acceptance of Works

Management

Customer : principali compagnie petrolifere

- ENI S.p.a.
- Kuwait Petroleum Italia S.p.a.
- ESSO Italiana S.p.a.
- Shell Energy Italia S.r.l.
- Tamoil Italia S.p.a.





ubi urbs



CEDEM

NEW CONSTRUCTION OF PETROL STATION





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COMPLETE RESTYLING AND EXTENSION WORKS OF PETROL STATION





LIQUID NATURAL GAS PLANT





REBRANDING OF PETROL STATIONS





CERTIFICATES



Quality
System
Certificate

UNI EN ISO
9001
2008



Environmental
Management
System
Certificate

UNI EN ISO
14001
2004



Security
System
Certificate

OHSAS
18001
2007



SOA Public
Works
Certificate

SOA n.
3501/57/01
2015



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