

Company profile

Engineering, Supply and Construction Services of Industrial Plants



OIL and GAS



**PETROCHEMICALS,
CHEMICALS &
FERTILISERS**



PIPELINES



REFINING



POWER PLANTS



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About Us



SIMECO, established in 1984, has gradually grown up into a leading medium size Engineering and Contracting Company.

In 1988 SIMECO:

- acquired the Technical Departments of an external Company;
- renewed Company's Management;
- reorganized Company's structure and strategy;
- invested in personnel training and information technologies

SIMECO now offers:

- Competitive Services for Feasibility Studies, Basic & Front-End Design, Detail Engineering, Procurement and Site Services in the Oil & Gas Sector including On-shore and Off-shore upstream facilities, Refineries, Pipelines, Petrochemicals, Fertilizer & Chemical Plants, Power Plants including Renewable Energies, Utilities Generation Units and Offsite Facilities.
- Contracting for the execution of projects on turn key lump sum basis. In order to tender for turn-key EPC project up to 50 Million Euro, the bidding alternative is either to participate as Main Contractor with nominated Sub-contractors or in Joint Venture with selected Construction Companies.



33

YEARS OF EXPERIENCE



80

CLIENTS



400 000

HOURS

SIMECO S.p.A. - Head Office

Via Arcivescovo Romilli, 22 - 20139 Milan, ITALY

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Web: www.simecomilano.it



Field of Activity



OIL AND GAS PROCESSING

SIMECO's experience covers Gas Oil Separation Plants, Degassing Stations, Natural Gas Processing (Dehydration Packages, Acid Gas Removal), LPG treating.



PETROCHEMICALS, CHEMICALS & FERTILISERS

SIMECO has carried out the detail design of several fertilizer plants, mostly based on proprietary Urea technology licensed by Saipem/Snamprogetti.

SIMECO has developed a significant experience in the detail design of polymer plants, e.g. Polyethylene (LDPE, HDPE), bioplastics.



PIPELINES

SIMECO activities in the midstream sector cover pipeline and storage facilities. The design services carried out by SIMECO with the support of the affiliate Streamline Engineering S.r.l. span all the expertise from pipeline flow assurance up to site services.



REFINING

SIMECO activities in the refining sector span from feasibility studies to detail design of:

- Process Units (based on open-art or licensed technologies)
- Utilities Units
- Power Generation Plants
- Plants
- Waste Water Treatment
- Tank Farms & Loading Bays
- Electrical Substations
- Control Rooms



POWER PLANTS

During the recent years SIMECO has developed several projects dealing with power plants and use of renewable energies.

Experience in renewable energies cover biomass, waste to energy and solar power.



GAS PROCESSING

SIMECO's experience covers Gas Oil Separation Plants, Natural Gas Processing (Dehydration Packages, Acid Gas Removal), Hydrogen Production, Chlorine Production, LPG treating.



OFFSHORE & MARINE TERMINALS

SIMECO has carried out several offshore projects providing Clients with both the platform's structural design and the topside processing and auxiliary facilities.

SIMECO has been recently involved in the design of marine terminals including berth moorings, jetties/piers as well selection and installation of loading arms.



ELECTRICAL SYSTEMS & CONTROL ROOMS

SIMECO engineering capabilities cover from feasibility study to detail design of control systems and control rooms.

Typical design activities are: control room layout, technical room layout, functional specification of DCS, implementation and detailed specification of DCS, functional specification of ESD/PLC, implementation and detailed specification of ESD/PLC, functional specification of SIS, implementation and detailed specification of SIS, control narrative, AND-OR Logic diagram, cause-effect matrix, control system's database and loop diagram/wiring.

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Capabilities

SIMECO has capabilities, experience, organization and highly experienced professional staff required to provide the following Services:

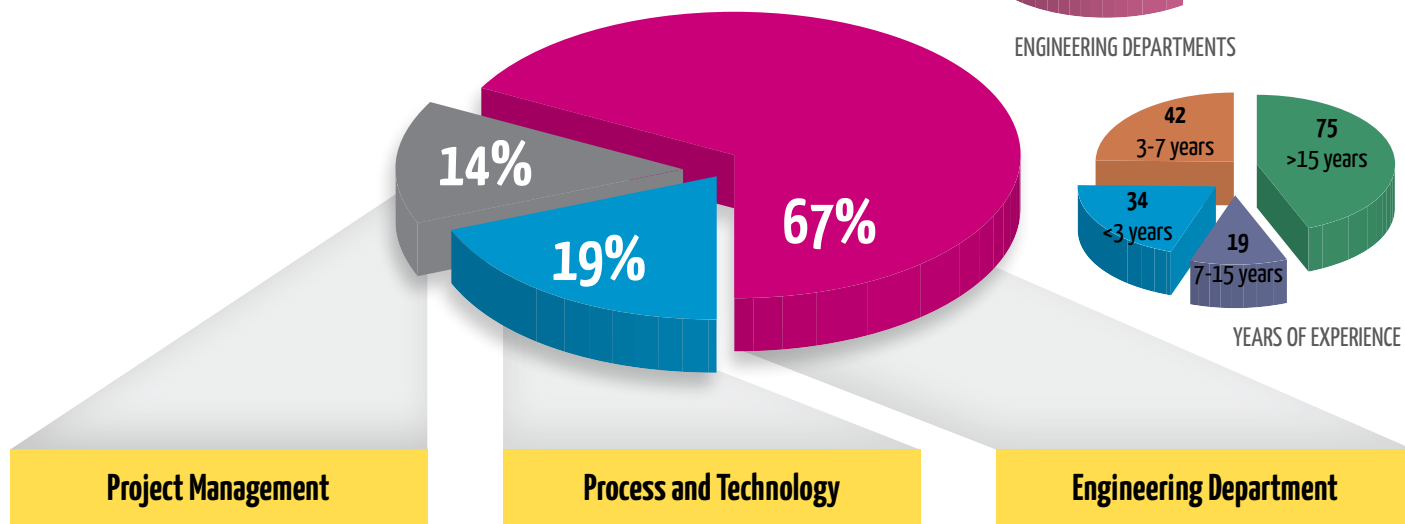
- Feasibility Studies and Economical Evaluations;
- Project Management Consulting;
- Basic Engineering;
- Front-End Engineering;
- Project Planning & Cost Estimating ;
- Risk Analysis and HSE Reports;
- Detail Engineering;
- Procurement Activities;
- Expediting and Inspections;
- Construction Management & Supervision;
- Plant Start-up Assistance and Operations.

SIMECO features:

- Excellent technical skills;
- More than 30 years experience in project execution;
- Single point responsibility from conceptual design to project completion;
- 1800 m2 office including 100 m2 available for Client's representatives;
- Sound financial credentials with the Italian Banking Organization.

Work Force

The potential of SIMECO lies in its highly qualified, multidisciplinary teams of engineers and technicians, with a permanent staff of about 90 employees and a total staff of about 180 people.



Project Management Activities consisting of:

- Contractual documents re-examination & endorsement
- Project Planning
- Project Team Building
- Project Control
- Multidisciplinary reviews of project documents
- Project Change Management
- Handing over & Client acceptance

For Multidiscipline Engineering Projects a fully dedicated Task Force is appointed. A Nominated Project Manager, reporting to the Operation Director, coordinates the activities.

For the Monodiscipline Projects, the management activity is usually demanded to the Technical Manager of the concerned discipline.

SIMECO's Process and Technology Department design capacity is more than 50,000 manhours per year, in the following areas:

- Upstream
- Refining
- Petrochemicals
- Chemicals
- Pipelines and Flow Assurance
- Utilities Systems
- Power Plants

Most of the engineers within the technical department have been involved in projects, from screening and conceptual studies to detailed design and assistance to yard and they form a strong scientific core within the company.

Engineering Department consists of:

- Piping (TUB)
- Instrumentation & Automation (SMI)
- Electrical (ELE)
- Mechanical (MEC)
- Civil & Structures (CIV)

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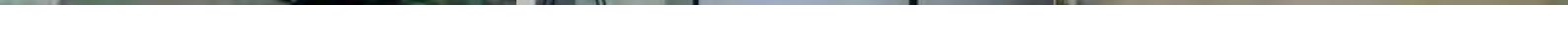
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We use the following software tools:

- HYSYS / PROMAX (Process simulators)
- AspenOne Engineering Desk Top (Process simulators) including HYSYS / Crude / Amines / Dynamics / Upstream dynamics / Petroleum Refining / Flare system analyzer / Energy analyzer / Aspen Cost Estimator
- AFT Arrow / Fathom / Impulse (Steady state & dynamic simulation of pipeline networks)
- LEDA FLOW / Flow Assurance, Dynamic Multiphase Flow
- HTRI / MT-EXCH / VESS / COMP 6258 / LAYOUT (Design of heat exchangers, air coolers, pressure vessels, compressors)
- AVEVA PDMS (3D plant design)
- Intergraph PDS (3D plant design) with FRAMEWORK (3D design of steel structures) and ELECTRICAL RACEWAY (3D design of cable raceway)
- ESAPro (3D plant design)
- ETAP / NEPLAN / AMPERE / CYME (Integrated design optimization and simulation of electrical systems)
- PRYSMIAN JDC (Electrical cable sizing)
- DIALUX (Lighting calculations)
- ZEUS (Lightning protection system design)
- SUN SIM (Photovoltaic plants sizing)
- TEKLA (3D design of steel works & reinforced concrete)
- CAESAR II (Stress analysis)
- INSTRUCALC (PSV & control valves sizing)
- SMART PLANT INSTRUMENTATION (Instrumentation data manager)
- FOUNDATION 3D/MAT 3D (Design of concrete foundations)
- SAP 2000 (Design of steel structures)
- MS Project (Project Planning)
- Primavera P6 (Project planning)



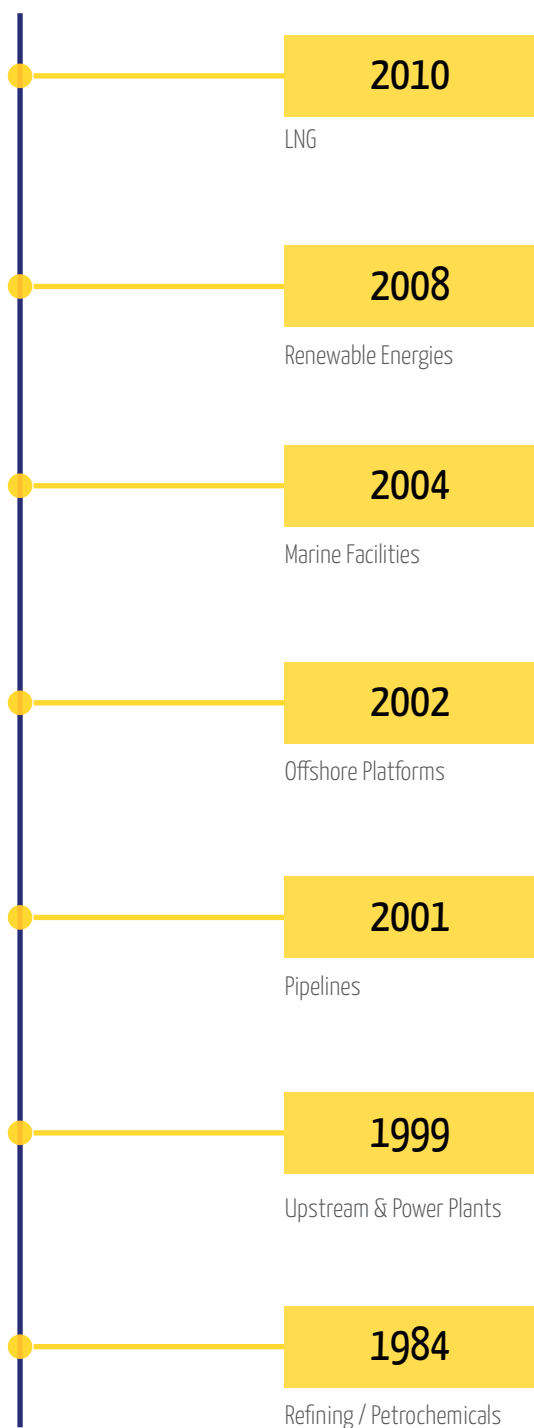


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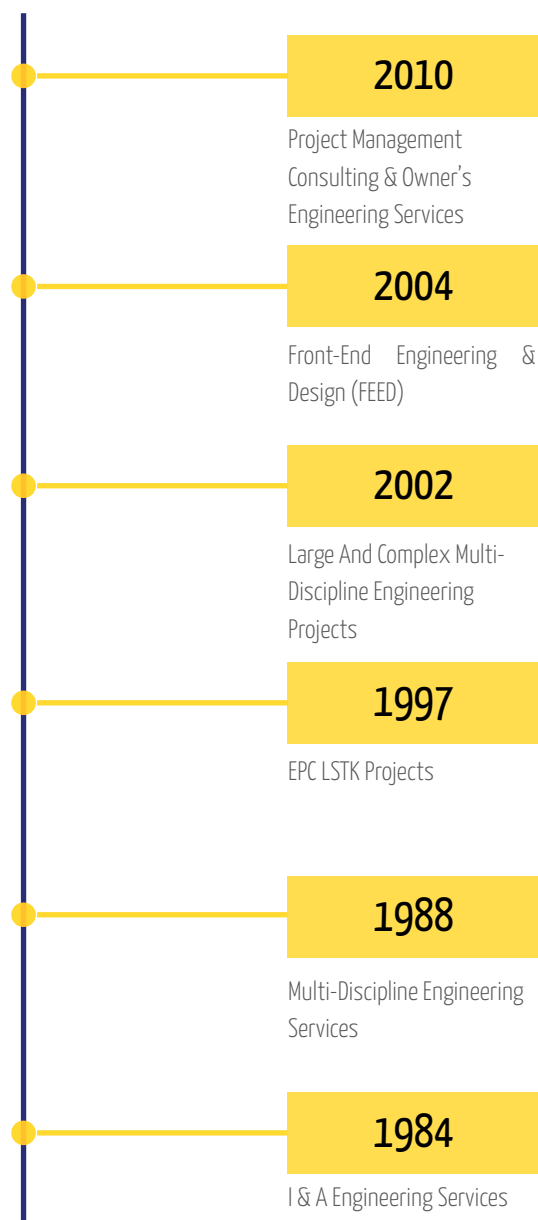


History / Market

Company History



Company Market



Certificates

SIMECO Quality Management System

SIMECO Quality Management System is certified by D.N.V. (Det Norske Veritas) for conformity to the Requirements of ISO 9001:2008 for multidisciplinary basic and detailed design of chemical, petrochemical, refinery, power generation and of gas and oil pipelines, equipment and material Procurement.



Occupational H&S Management System

SIMECO Occupational Health and Safety Management System is certified by D.N.V. (Det Norske Veritas) for conformity to the Requirements of BS OHSAS 18001:2007 for multidisciplinary design, site survey and construction supervision activities, procurement of equipment and materials, construction and installation of Oil & Gas

Credit Passport Assessment

Credit Passport® assessment indicates a company's ability to conduct business without defaulting. It is derived from a combination of factors, both historical and forward looking.

The behavioural model is Default Metrics by Credit Data Research, the financial model is RiskCalc by Moody's Analytics.



A Credit Passport of "A+" means the company has a High Credit Quality.

ACHILLES FPAL Certificate

SIMECO is now fully registered as a supplier on the Achilles First Point Assessment Database for suppliers to the Oil & Gas Industry



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Main Clients

ABB

AMEC FW (Wood plc)

BAPCO (The Bahrain Petroleum Co.)

BIO-ON

BONATTI

CASALE S.A.

DESMET BALLESTRA

ENI

ENIPROGETTI (former TECNOMARE)

TECHNIPFMC

MOL Group

IPLOM

LUKOIL

PKN ORLEN

MATRICA

PACIFIC FUTURE ENERGY Co.

RAFFINERIA DI GELA

RAM (RAFFINERIA DI MILAZZO)

SAIPEM

SARLUX

SIIRTEC NIGI

TAMOIL

TECNIMONT

TMPC (Transmediterranean Pipeline Co.)

AECOM (former URS)/Adriatic LNG

VERSALIS

VISCOLUBE

STIR

(Società Tunisienne des Industries de Raffinage)

Long-Term Agreements

In force with Primary companies:



SAIPEM

Process Design, Multidiscipline Engineering Services, Flow Assurance & Process Design for Subsea Systems.



RAFFINERIA DI MILAZZO

Project Management Services, Process Engineering Services.



ENI

Process Design Services for Downstream.



CASALE S.A.

Multidiscipline Engineering Services including Process Design.



ENIPOWER

Process Design Services



MAIRE - TECNIMONT

Multidiscipline Engineering Services.



ENIPROGETTI

Multidiscipline Engineering Services, Process Engineering Services.



SARLUX

Multidiscipline Engineering Services.



VERSALIS

Process Engineering Services.



MATRICA

Process Engineering Services for Bioplastics Plant.



RAFFINERIA DI GELA

Process Engineering Services.

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Affiliated Companies



SIMECO.Systems d.o.o.

Gradacacka 29B, 71000, Sarajevo, Bosnia and Herzegovina

Tel: +387 33 942 144 | Fax: +387 33 942 148

Web: simecosystems.com

E-mail: contact@simecosystems.com

Company specialized in Consulting, Engineering and Procurement in field Oil, Gas and Power Industry for Packaged Units and plants.



STREAMLINE Engineering S.r.l.

Via Alessandro Milesi, 5/7 - 20133 Milan, Italy

Tel: +39 02534773

Web: www.stream-line.it

E-mail: info@stream-line.it

A Company for Oil, Gas Pipeline services and Design.



PnT Process & Technology S.r.l.

Via Romilli, 22 - 20139 Milan, Italy

Tel: +39 02 55231267 | Fax: +39 0256818998

E-mail: info@pandt.it

A Company specialized in Process Design for Petrochemical & Chemical Plants with offices located in SIMECO's headquarter.



CO.IMP S.r.l.

Via Romilli, 22 - 20139 Milan, Italy

Tel: +39 0255187474

E-mail: coimp.engineering@coimpsrl.it

A Company of Consulting and Design for the Petrochemical, Chemical, Pharmaceutical industries with operational offices located in SIMECO's headquarter.



SIMECO (Bahrain Office)

GCC Regional Office

Office Suite 32, Petrodar Tower

Seef District

Kingdom of Bahrain

Simeco Offices



SIMECO S.p.A.
Milan (Italy)



SIMECO.Systems d.o.o.
Sarajevo (Bosnia Herzegovina)



SIMECO GCC Regional Office
Kingdom of Bahrain

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SIMECO
ENGINEERS & CONTRACTORS



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