



ENGINEERING & CONTRACTING

APRIL 2024

HEADQUARTERS

PROGETTI EUROPA & GLOBAL SPA

Piazza Stia 8

00138 – Rome – Italy

Phone: +39 06 881741

Fax: +39 06 88174210

E-mail: global@pegitaly.it

PEG Engineering & Contracting DMCC

Unit 1009, Jumeirah Bay Tower X3, Cluster X, Jumeirah Lakes Towers

P.O. Box 634338, Dubai – UAE

Phone: +971 4 4205321

Fax: +971 4 4204249

E-mail: pegdubai@pegdubai.com

BRANCH & OPERATIONAL OFFICES

IRAQ - Basrah, Iraq Energy City (IEC), Burjesia, Nr Well 20, Zubair
Phone: +964 780 162 3113

IRAQ - Baghdad, Baghdad, Al Karada district, Al Watheq Square,
42 St., Mercedes Benz Building
Phone: +964 790 138 0427

UAE - Abu Dhabi, Office 402, Guardian Towers, Muroor Road
P.O. Box: 93720
Phone: +971 2 4433434

LIBYA - Tripoli, Al Ansar Street no 10, Wasiyet Baderi

OUR HISTORY



PEG is a flexible and experienced multi-sector Contractor, which operates on behalf of Private and Public Companies in the design and implementation of technological plants in the **Energy Sector (Oil & Gas upstream, Gas & Renewable Power Generation)**, since 1970, both in Italy and abroad.



PEG was established in **1998**, but its roots date back further in 1970, within the decennial experience of companies that have merged under its name.

In fact, the heart of the company began from the branch of a business operating in industrial plant engineering, the planning of civil infrastructures, the technical and administrative management of real-estate and territorial information systems.

The Company's professional and intervention capacities were developed thanks to the recruitment of specialized staff who had already worked for important engineering and contracting companies. In **2001** the Company took another important step forwards: thanks to the acquisition of a company having more than thirty years' experience in the field of Oil & Gas and Power, PEG has improved its know-how in executing **EPC Projects in Oil & Gas upstream / Gas & Renewable Power Generation sectors**.

- 1998** Progetti Europa & Global S.p.A. was established in Rome, Italy
- 2012** Established PEG Engineering & Contracting DMCC in Dubai, UAE
- 2015** Registered a Branch office in Iraq
- 2019** Registered a Branch office in Abu Dhabi
- 2021** Registered a Branch office in Libya

Note: *Algeria & Saudi Arabia entities under registration; presence in Uzbekistan & Central Asia, under fast development*

PEG'S TURNOVER



Today **PEG** stands out for its dynamism, versatility and experience in producing and administering multidisciplinary projects on behalf of oil companies, private customers and public administrations.



PEG GROUP CONSOLIDATED FIGURES

TURNOVER IN THE LAST THREE YEARS (2020 ÷ 2022) : **404 M €**

ESTIMATED TURNOVER FOR THE YEAR 2023 : **260 M €**

OIL & GAS UPSTREAM



GAS & RENEWABLE GENERATION



KEY FIGURES



PEG experience in the **Energy Sector** (Oil & Gas upstream, Gas & Renewable Power Generation) has been consolidated over more than fifty years of experience in the field.



Progetti Europa & Global S.p.A. – Rome, Italy

MR. PAOLO TROCCA.....CHAIRMAN

MR. MAURIZIO MELANI.....VICE-CHAIRMAN

BOARD OF DIRECTORS:

MR. PAOLO TROCCA

MRS. FRANCESCA TROCCA

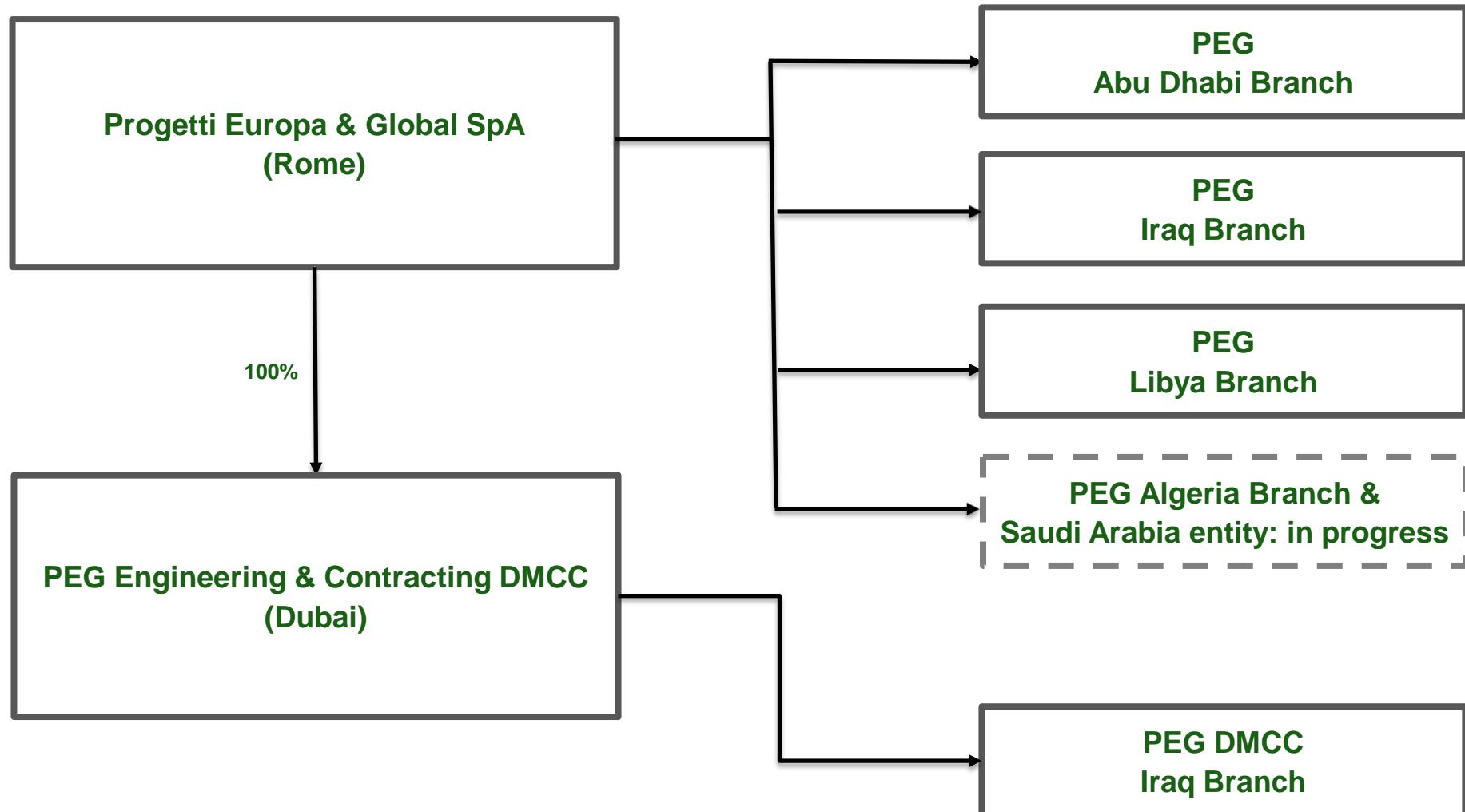
MR. MASSIMO CAPUANI

MR. FABRIZIO POCCI

PEG Engineering & Contracting DMCC – Dubai, UAE

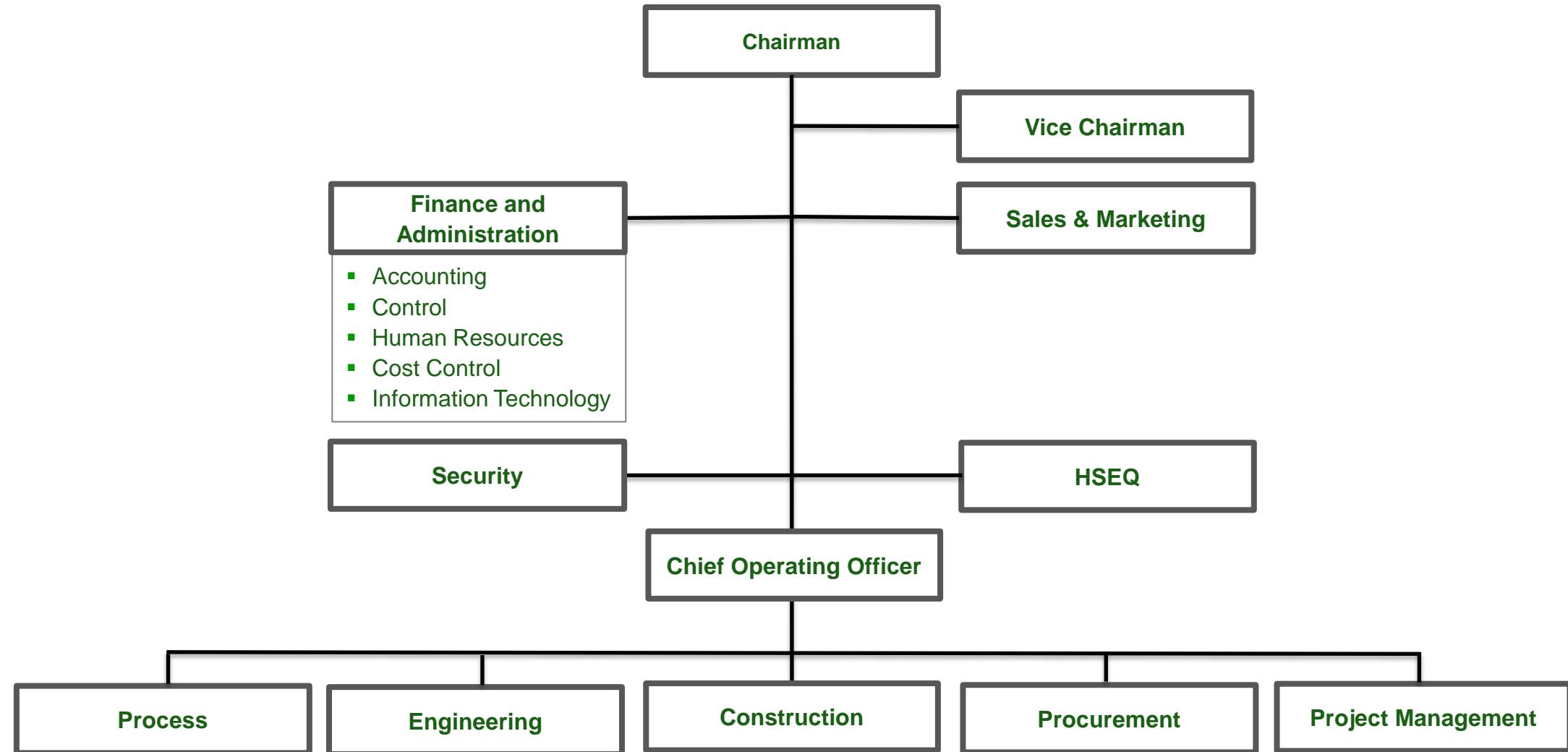
MR. FABRIZIO POCCI.....MANAGING DIRECTOR

Organization of the Group & Branches



Note: presence in Uzbekistan & Central Asia, under fast development

ORGANIZATION CHART



PROCESS AND ENGINEERING

PROCESS

The Process Department is in charge to develop:

- Definition of the plant scheme and required equipment
- Development of Heat and Material Balances (by Hysys Aspen simulation sw)
- Definition of material selection for equipment and lines
- Design of equipment, lines and safety valves
- Flare Network Calculation (by Aspen Flare System Analyzer sw)
- Design of Shell & Tube Heat Exchanger (by Aspen EDR or HTRI sw)
- Development of process deliverables and documentation for engineering activities
- Participation to Safety Review meetings (Hazid, Hazop, SIL) and resolution of project safety issues

ENGINEERING

The Engineering Department is organized in:

1. Project Engineering
2. Civil Engineering
3. Mechanical and PVHE Engineering
4. Rotating Equipment Engineering
5. Piping Engineering
6. Electrical Engineering
7. Instrument & Automation Engineering
8. HSE Engineering

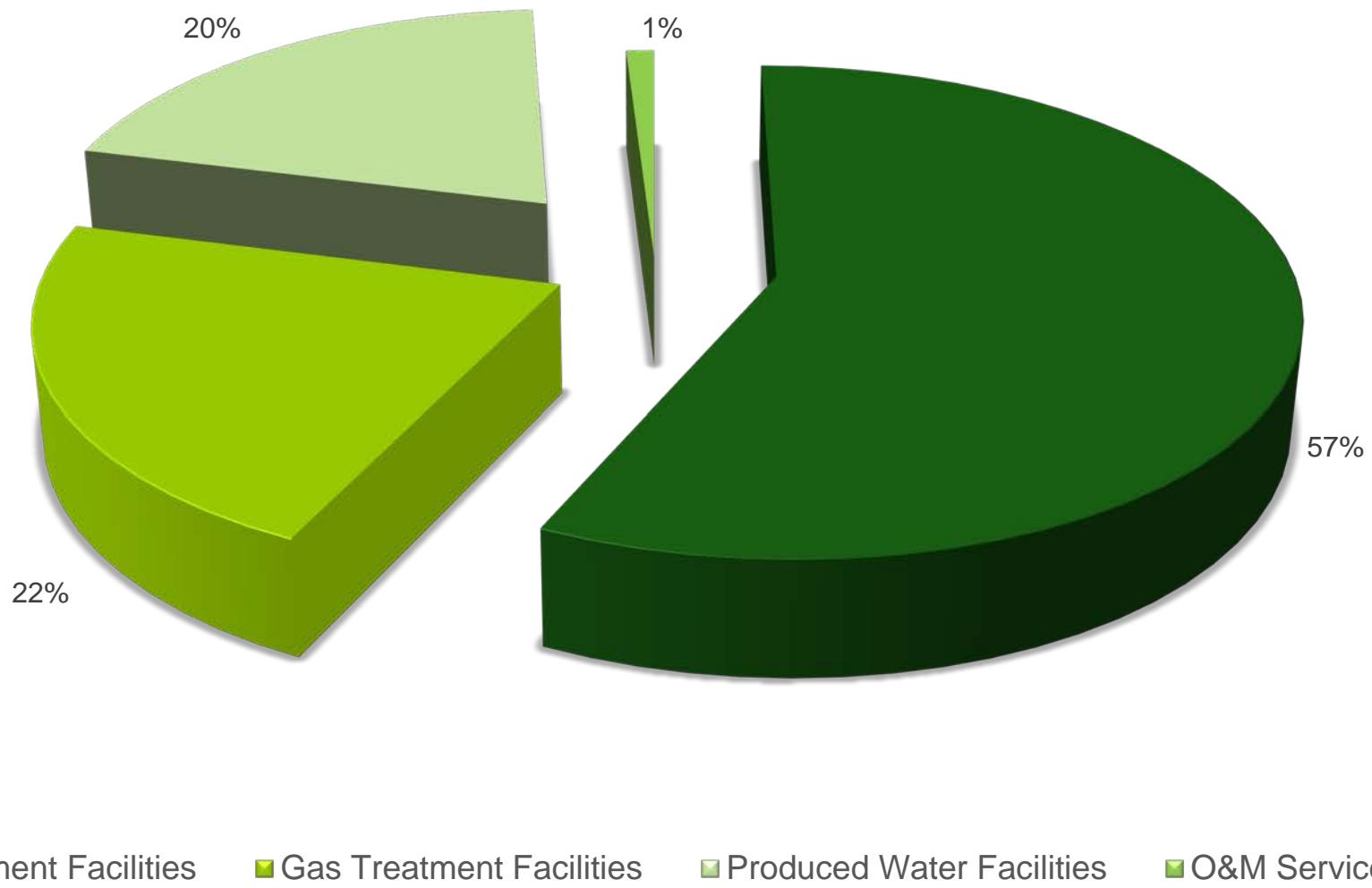
PEG IN THE WORLD



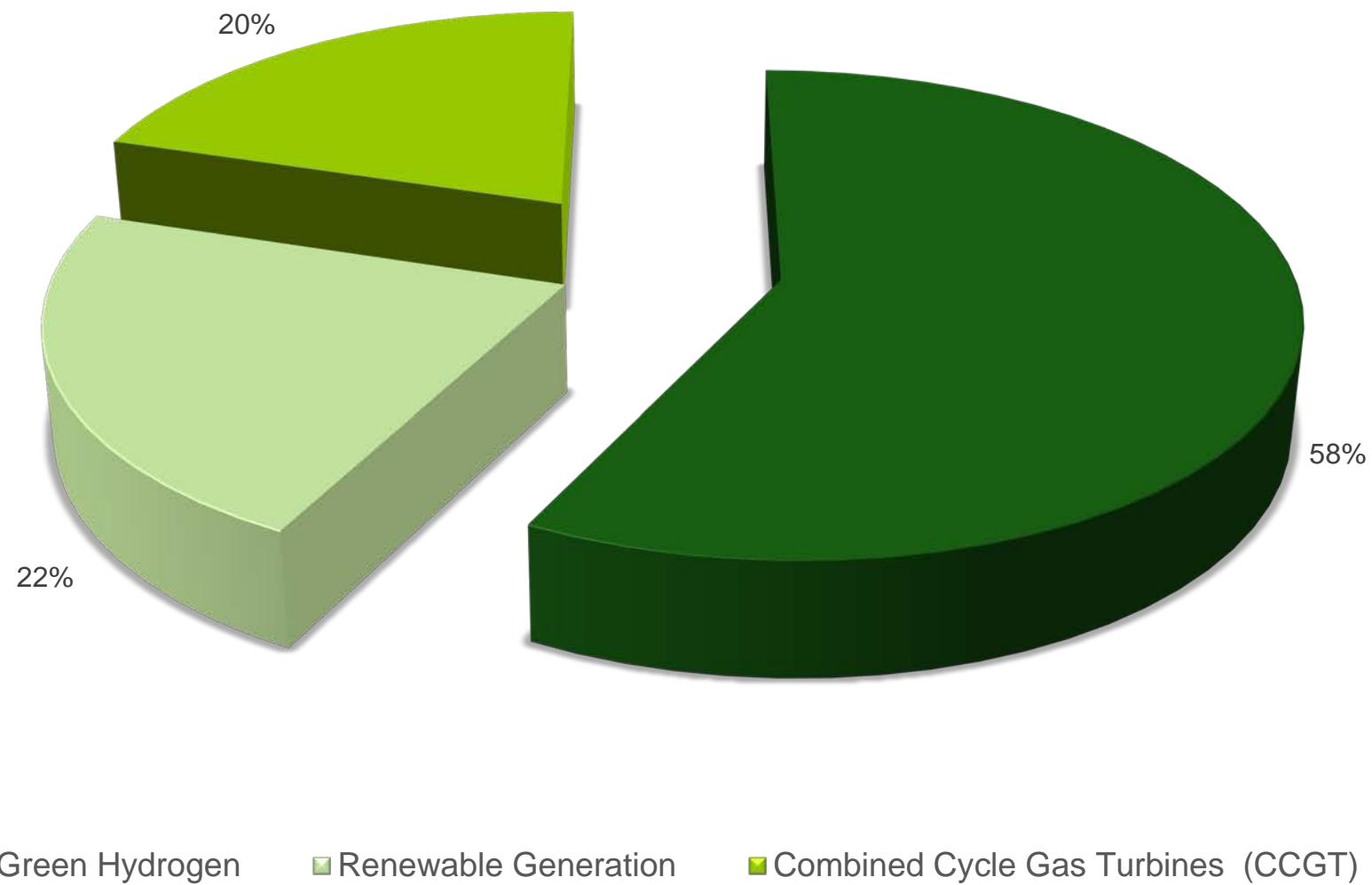
PEG has developed a solid and established presence in MENA Region realizing Oil & Gas Plants as well as Power & Renewable Generation Plants, as highlighted herein below:



OIL & GAS UPSTREAM



NEW AREAS



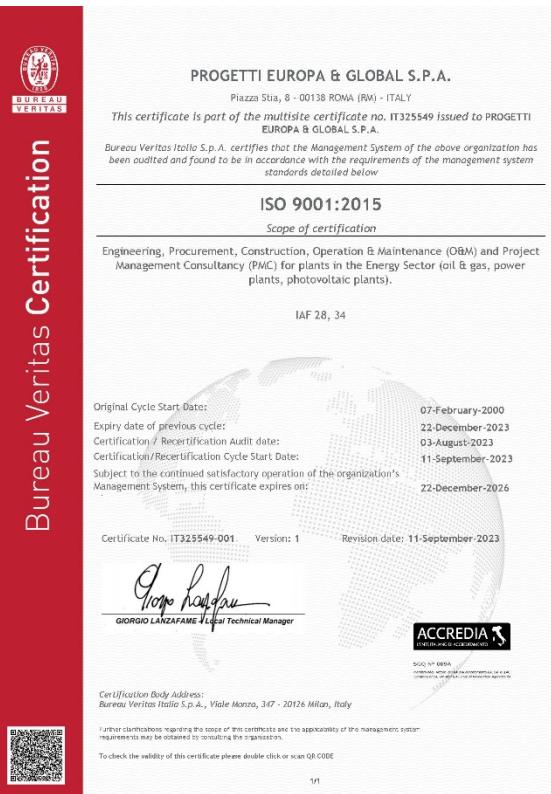
ISO CERTIFICATIONS



Progetti Europa & Global S.p.A. is certified in compliance with the Standards ISO 9001:2015 , ISO 14001:2015 and ISO 45001:2018



Bureau Veritas Certification



Bureau Veritas Certification



Bureau Veritas Certification



ISO CERTIFICATIONS



PEG Engineering and Contracting DMCC is certified in compliance with the Standards ISO 9001:2015 , ISO 14001:2015 and ISO 45001:2018



Bureau Veritas Certification

PEG ENGINEERING & CONTRACTING DMCC

Unit 1009, Jumeirah Bay Tower X3, Cluster X, Jumeirah Lakes Towers - P.O. Box 634338 DUBAI (UAE) - UNITED ARAB EMIRATES

This certificate is part of the multisite certificate no. IT325549 issued to PROGETTI EUROPA & GLOBAL S.P.A.

Bureau Veritas Italia S.p.A. certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

Engineering, Procurement, Construction, Operation & Maintenance (O&M) and Project Management Consultancy (PMC) for plants in the Energy Sector (oil & gas, power plants, photovoltaic plants).

IAF 28, 34

Original Cycle Start Date: 07-February-2000
Expiry date of previous cycle: 23-December-2023
Certification / Recertification Audit date: 03-August-2023
Certification/Recertification Cycle Start Date: 11-September-2023
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 22-December-2026

Certificate No. IT325549-002 Version: 1 Revision date: 11-September-2023

GIORGIO LANZAFAME Local Technical Manager



Certification Body Address:
Bureau Veritas Italia S.p.A., Viale Monza, 347 - 20126 Milan, Italy

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the signature.

To check the validity of this certificate please double click or scan QR CODE

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Bureau Veritas Certification

PEG ENGINEERING & CONTRACTING DMCC

Unit 1009, Jumeirah Bay Tower X3, Cluster X, Jumeirah Lakes Towers - P.O. Box 634338 DUBAI (UAE) - UNITED ARAB EMIRATES

This certificate is part of the multisite certificate no. IT315652 issued to PROGETTI EUROPA & GLOBAL S.P.A.

Bureau Veritas Italia S.p.A. certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 14001:2015

Scope of certification

Engineering, Procurement, Construction, Operation & Maintenance (O&M) and Project Management Consultancy (PMC) for plants in the Energy Sector (oil & gas, power plants, photovoltaic plants).

Certificate Issued in accordance with the Technical Regulation ACCREDIA RT-09

Original Cycle Start Date: 08-June-2016
Expiry date of previous cycle: 07-June-2022
Certification / Recertification Audit date: 12-May-2022
Certification/Recertification Cycle Start Date: 07-June-2022
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 07-June-2025

Certificate No. IT315652-002 Version: 2 Revision date: 08-September-2023

GIORGIO LANZAFAME Local Technical Manager



Certification Body Address:
Bureau Veritas Italia S.p.A., Viale Monza, 347 - 20126 Milan, Italy

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Bureau Veritas Certification

PEG ENGINEERING & CONTRACTING DMCC - DUBAI

Unit 1009, Jumeirah Bay Tower X3, Cluster X, Jumeirah Lakes Towers - P.O. Box 634338 DUBAI (UAE) - UNITED ARAB EMIRATES

This certificate is part of the multisite certificate no. IT325430 issued to PROGETTI EUROPA & GLOBAL S.P.A.

Bureau Veritas Italia S.p.A. certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 45001:2018

Scope of certification

Engineering, Procurement, Construction, Operation & Maintenance (O&M) and Project Management Consultancy (PMC) for plants in the Energy Sector (oil & gas, power plants, photovoltaic plants).

Original Cycle Start Date: 27-August-2020
Expiry date of previous cycle: 26-August-2023
Certification / Recertification Audit date: 03-August-2023
Certification/Recertification Cycle Start Date: 15-August-2023
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 26-August-2026

Certificate No. IT325430-002 Version: 1 Revision date: 25-August-2023

GIORGIO LANZAFAME Local Technical Manager



Certification Body Address:
Bureau Veritas Italia S.p.A., Viale Monza, 347 - 20126 Milan, Italy

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the signature.

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ISO CERTIFICATIONS



Progetti Europa & Global S.p.A. – Abu Dhabi Branch
is certified in compliance with the Standards ISO 9001:2015 , ISO 14001:2015 and ISO 45001:2018



PROGETTI EUROPA & GLOBAL S.P.A. - ABU DHABI BRANCH

Guardian Tower - ABU DHABI - (UAE) - UNITED ARAB EMIRATES

This certificate is part of the multisite certificate no. IT325549 issued to PROGETTI EUROPA & GLOBAL S.P.A.

Bureau Veritas Italia S.p.A. certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

Engineering, Procurement, Construction, Operation & Maintenance (O&M) and Project Management Consultancy (PMC) for plants in the Energy Sector (oil & gas, power plants, photovoltaic plants).

IAF 28, 34

Original Cycle Start Date: 07-February-2000
Expiry date of previous cycle: 22-December-2023
Certification / Recertification Audit date: 03-August-2023
Certification/Recertification Cycle Start Date: 11-September-2023
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 22-December-2026

Certificate No. IT325549-003 Version: 1 Revision date: 11-September-2023

GIORGIO LANZAFAME Legal Technical Manager



REG. N. 10004

Certification Body Address:
Bureau Veritas Italia S.p.A., Viale Monza, 347 - 20126 Milan, Italy

Further information regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization.

To check the validity of this certificate please double click or scan QR CODE

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PROGETTI EUROPA & GLOBAL S.P.A. - ABU DHABI BRANCH

Guardian Tower - ABU DHABI - (UAE) - UNITED ARAB EMIRATES

This certificate is part of the multisite certificate no. IT315652 issued to PROGETTI EUROPA & GLOBAL S.P.A.

Bureau Veritas Italia S.p.A. certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 14001:2015

Scope of certification

Engineering, Procurement, Construction, Operation & Maintenance (O&M) and Project Management Consultancy (PMC) for plants in the Energy Sector (oil & gas, power plants, photovoltaic plants).

Certificate issued in accordance with the Technical Regulation ACCREDIA RT-09

Original Cycle Start Date: 08-June-2016
Expiry date of previous cycle: 07-June-2022
Certification / Recertification Audit date: 12-May-2022
Certification/Recertification Cycle Start Date: 07-June-2022
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 07-June-2025

Certificate No. IT315652-003 Version: 2 Revision date: 08-September-2023

GIORGIO LANZAFAME Legal Technical Manager



REG. N. 10004

Certification Body Address:
Bureau Veritas Italia S.p.A., Viale Monza, 347 - 20126 Milan, Italy

Further information regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization.

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PROGETTI EUROPA & GLOBAL S.P.A. - ABU DHABI BRANCH

Guardian Tower - ABU DHABI - (UAE) - UNITED ARAB EMIRATES

This certificate is part of the multisite certificate no. IT325430 issued to PROGETTI EUROPA & GLOBAL S.P.A.

Bureau Veritas Italia S.p.A. certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 45001:2018

Scope of certification

Engineering, Procurement, Construction, Operation & Maintenance (O&M) and Project Management Consultancy (PMC) for plants in the Energy Sector (oil & gas, power plants, photovoltaic plants).

Original Cycle Start Date: 27-August-2020
Expiry date of previous cycle: 26-August-2023
Certification / Recertification Audit date: 03-August-2023
Certification/Recertification Cycle Start Date: 25-August-2023
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 26-August-2026

Certificate No. IT325430-003 Version: 1 Revision date: 25-August-2023

GIORGIO LANZAFAME Legal Technical Manager



REG. N. 039

Certification Body Address:
Bureau Veritas Italia S.p.A., Viale Monza, 347 - 20126 Milan, Italy

Further information regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization.

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PEG'S MAJOR CLIENTS SINCE 2000



ش.م.م. للنفط في قار
Dhi Qar Oil Company



greenstream



Weatherford®



OUR SKILLS



Progetti Europa & Global S.p.A. is active in the national and international market as Engineering & Contracting Company for EPC Contracts in the **Energy Sector** (Oil & Gas Facilities, Gas & Renewable Power Generation)



MAIN AREAS OF SPECIALIZATION (NEW INSTALLATION & REVAMPING OF EXISTING FACILITIES)

PEG has a high level of experience and capability in the implementation of:

- Process Units for upstream and downstream
- Utilities & Offsite Facilities
- Thermal, hydroelectric, wind, photovoltaic power plants and hydrogen generation plants: new build, repowering and maintenance
- Design and realization of skid-mounted / modularized units.

SERVICES PROVIDED

- Pre-investments studies to Basic and Detailed Engineering
- Project Management
- Procurement services
- Construction activities
- Pre-commissioning, Commissioning & Start-up
- After Sales services (O&M, Spare Parts supply, etc.)

OIL & GAS

PROCESS UNITS FOR OIL & GAS PLANTS

- For Upstream Plants, PEG has more than 20 years worldwide experience for:
 - Gas & Oil Separation Plants (G.O.S.P.) on green and brown fields, starting from Manifolds and including Dehydration, Desalting and other facilities
 - Gas Treatment and Compression units
- Amine Sweetening Units, Sulphur Recovery and Tail Gas Treatment Units (TGTU), Condensate Stabilization Units.

UTILITIES AND OFFSITE OF FACILITIES

- PEG experience includes **Steam Generation, Compressed Air, Water Treatment, Hot Oil, Truck Loading, Pumping Stations, Gas Compression Units** and complete **Tank Farms and pipelines**.

UPGRADING AND REVAMPING EXISTING FACILITIES



GAS & RENEWABLE GENERATION

GAS & RENEWABLE GENERATION AND GREEN HYDROGEN PRODUCTION

- PEG experience includes engineering and realization of High Voltage lines and sub-stations
- Capabilities in engineering, construction and refurbishment of Coal, Gas and Nuclear Power plants
- PEG is an integrated player in the energy transition through the repowering of coal/oil power plants to more efficient and less polluting gas power plants
- PEG is working on eliminating progressively Oil&Gas flare emissions
- PEG is active on development of hydrogen-based fuels
- PEG experience includes engineering, construction and repowering of hydro, geothermal and PV (solar) power plants
- PEG has developed a Feasibility Study for Green Hydrogen generation plant in Tunisia (100 MW) with associated PV plant (160 MW), jointly with *Politecnico di Torino*.



OUR MAJOR EPC PROJECTS

Client	Description	Contract Value	Status
PETRONAS CARIGALI IRAQ HOLDING B.V.	Provision of Engineering, Procurement, Construction and Commissioning (EPCC) of Gas Dehydration Plant (GDP) Phase 2	€320.900 m	Contract awarded in 2023
ADNOC	Bab Miscellaneous Modifications and Enhancement Projects (Abu Dhabi)	\$7.075 m	Completed in 2024
ADNOC	Buhasa Firewater Network Replacement Project (Abu Dhabi)	\$16.85 m	Completed in 2024
Greenstream	Upgrade of Let-Down Station Supply of System Integrator at Mellitah Gas Compression Station (Libya)	\$11.5 m	Delivered (in operation)
EXXON	West Qurna I Project Free Water Knock Out Project (Iraq)	\$87.6 m	Contract awarded in 2022
BP	Qarmat Ali Intake Structure and 1st stage Lift Pump Replacement EPC Project (Iraq)	\$62.7 m	Contract awarded in 2022
ENI Iraq BV	EPC for Zubair Mishrif DGS Expansion project. Crude oil Treatment augmentation for 4 Trains, each of 50,000 BOPD. Water injection & Produced Water Treatment facilities to treat 240,000 BOPD with auxiliary and associated production facilities. Consortium of CPECC 70% & PEG 30% jointly executing the project (Iraq)	\$ 690 m (overall project value) \$ 190 m (PEG Portion)	Under Execution

OUR MAJOR EPC PROJECTS

Client	Description	Contract Value	Status
Petronas Carigali	EPC for Gas Dehydration and Dry Gas pipeline at Garraf Central Processing facilities, Iraq. (Phase I Gas Dehydration Project by PEG in Consortium with SCOP that includes 37 MSCFD (PEG EPC) Gas Dehydration and 76 km dry gas pipeline, Construction only by SCOP) (Iraq)	\$167 m (overall project value) \$111 m (PEG portion)	Under Execution
Petro China/ CPECC	EPC for Gas Processing Plant, HALFAYA Project Phase III, Engineering, Procurement, Construction & commissioning services of the SRU, TGTU Units, Sulphur forming & packing unit and Condensate stabilisation unit (Iraq)	\$1.1 billion (overall project value) \$162 m (PEG portion)	Under Execution
Petronas Carigali	EPC of Crude Oil Trains 3, 4 and 5 Garraf Central Processing facilities, Iraq. Engineering, Procurement and Construction for Crude Oil Trains 3, 4 and 5 each 50,000 BPD at Garraf Central Processing facilities, Iraq. PEG scope includes EPC for all process trains, balance of plant including utilities (Iraq)	\$308 m (overall project value) \$126 m (PEG portion)	Completed in December 2022
MoO Iraq / SCOP	FAO Pumping Station, Engineering Procurement & Construction of 14 Gas Turbine Pumps and associated facilities in Partnership with Ruhrpumpen GmbH (Iraq)	\$250.65 m	Completed in April 2023
Basrah Oil Company	Pumping Units for Luhais Degassing Station (Iraq)	\$11.57m	Under Construction
BP/ RUMAILA	Free Water Knock Out, Brownfield project for revamp at Rumaila Degassing stations. EPC of 16 FWKO & 4 number of Smokeless Flare systems and interconnecting activities on EPC basis (Iraq)	\$107.00 m	Completed in April 2018

OUR MAJOR EPC PROJECTS

Client	Description	Contract Value	Status
Midland Oil Company	Design Supply and Construction of a greenfield Degassing, Dehydration and Desalting of Heavy Crude Oil. Gas Oil Separation Plant (30.000 BOPD) of heavy crude oil API 219 (Iraq)	\$63.85 m	Completed in 2016
Eni Iraq / Weatherford ME	Crude Oil Processing Trains (6 x 50k BOPD) Four Crude Oil Processing Trains at Hammar site and one at Zubair and one at Rafidiya site for Eni Zubair Project (Iraq)	\$82m	Completed in 2014
SOC/ MoO Naher Bin Ummar Oil	Processing units at Field & Central Stations, Sour Gas Separation, SRU-Sulphur Recovery treatment & Sour water chemical treatment at Central Station. Single Train of 50,000 BOPD light crude API 45 (Iraq)	€63. 24 m	Completed in 2009