



GRUPPOMEGA

TURN-KEY SYSTEMS INTEGRATOR



"Integration is Progress"





COMPANY PRESENTATION



Year of Foundation
1980



Mission
To Provide
Turn-Key Integrated System



Main Customers
EPC Contractors
Oil Companies
Utilities Companies



Employees & Turnover

100+ Employees
15.000.000 €uro

Main Sectors

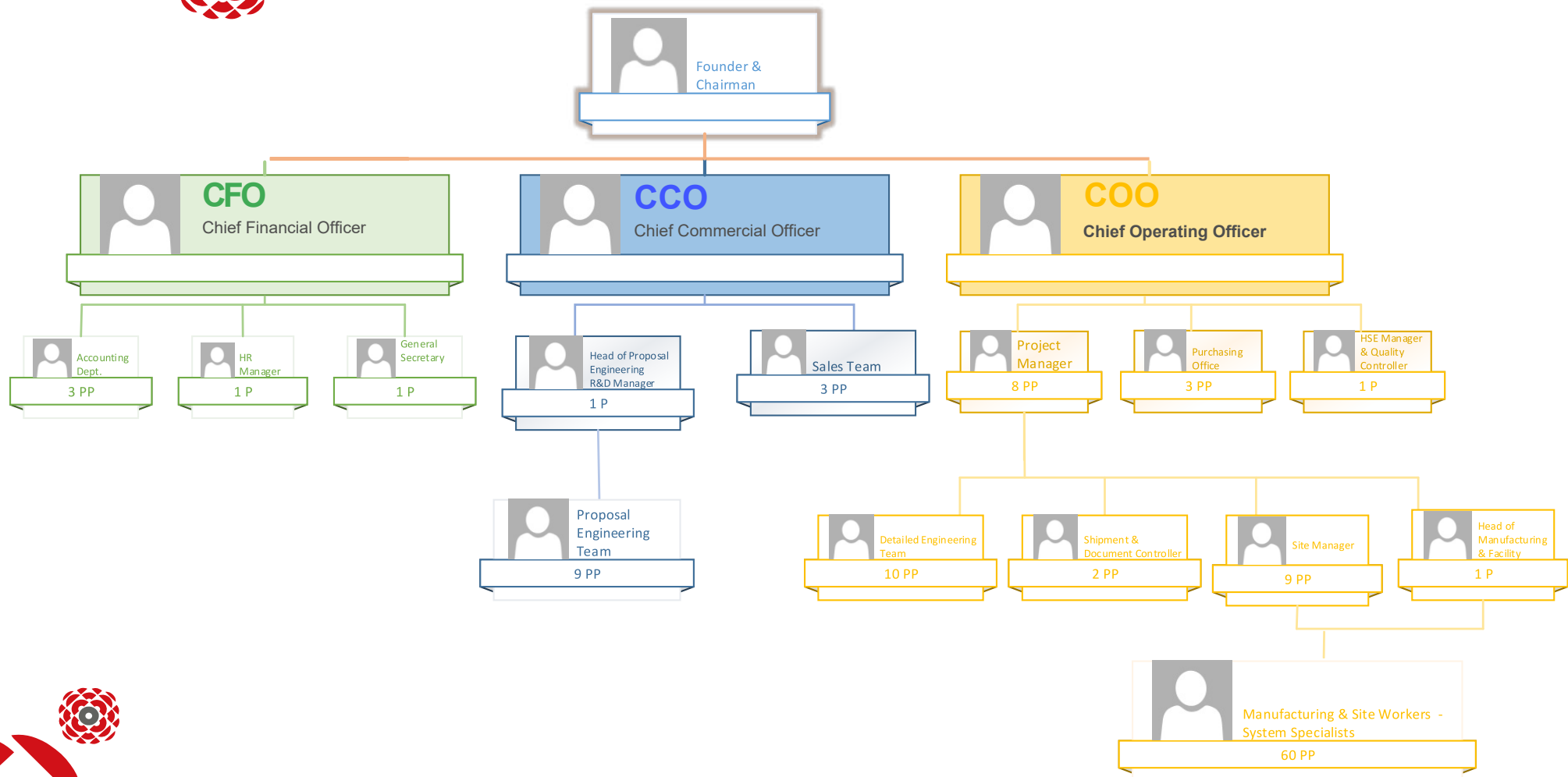
Oil & Gas, Power Plant,
Industrial Plants,
Transport Infrastructure

Int'l Certificates

ISO Quality 9001
ISO Environment 14001
ISO Safety 45001



ORGANIZATION CHART SUMMARY



Gruppomega - Head Quarter, Priolo Gargallo (SR) - Italy



Offices

Facility

OTHER OPERATING BRANCHES:

Milan, Rome (Italy)

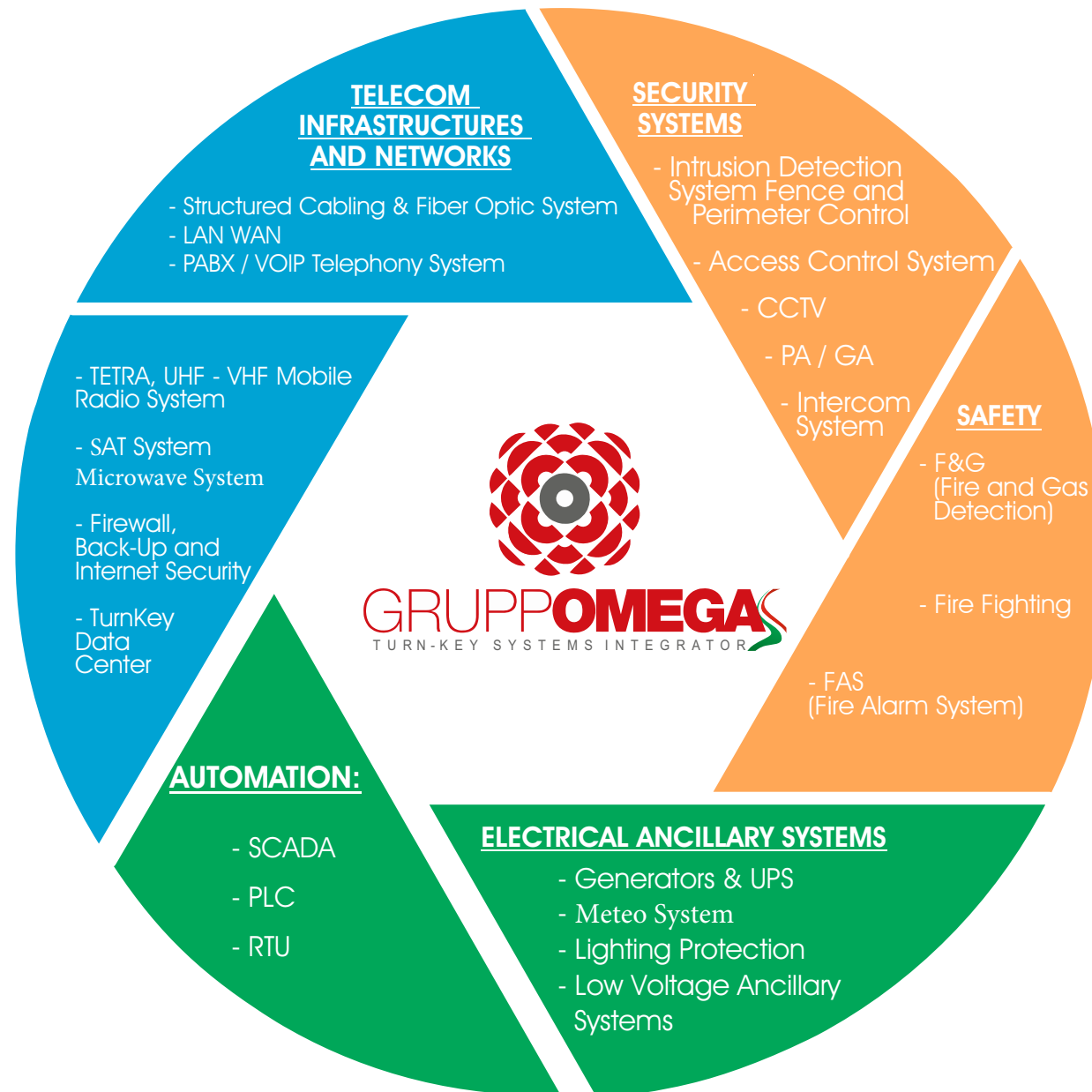
Madrid (Spain)

Abu Dhabi (Uae)

Cairo (Egypt)

Monterey (Mexico)

Seoul (South Korea)



SAFETY & SECURITY SYSTEMS

- Intrusion Detection System Fence and Perimeter Control

- Access Control System

- CCTV

- PA / GA

- Intercom System

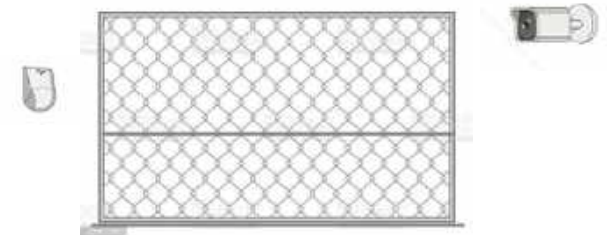
- Fire and Gas Detection (F&G)

- Fire Fighting Systems In Skid

- Fire Alarm System (FAS)

Intrusion Detection

Fiber Optic / Sensors / Thermal Cameras



Fire Fighting & Detection

Systems & Equipments



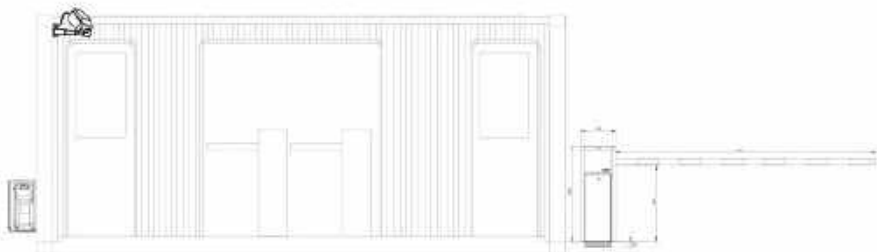
CCTV

Process & Perimeter



Access Control

Personnel & Vehicles



PA/GA & HotLine Intercom System



TELECOM INFRASTRUCTURES AND NETWORKS

Radio communication

*SDH - DMR - TETRA - UHF - VHF -
BRIDGE FOR OFFSHORE
APPLICATION*

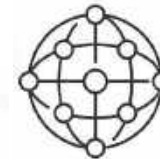
- Structured Cabling & Fiber Optic System
- LAN WAN
- PABX / VOIP Telephony System

Data Center & Control Room

*Pre-Configured
Rack Cabinets*



- TETRA, UHF - VHF Mobile Radio System
- IP TV - VSAT System
- Firewall, Back-Up and Internet Security
- TurnKey Data Center



LAN & Telephone Network

Voip & Cybersecurity

Network Operating Center Solution

Control Room



AUTOMATION:

- SCADA
- PLC
- RTU

ELECTRICAL ANCILLARY LV SYSTEMS

- Generators & UPS
- Lighting Protection
- Meteorological System
- Master Clock System
- Low Voltage Ancillary

SCADA - PLC -RTU
Power & O&G
Process Automation



TURN KEY



PRELIMINARY ENGINEERING



**DETAILED ENGINEERING MANUFACTURING
AND DOCUMENTATION**



COMMISSIONING & ON-SITE SERVICES

TURN KEY

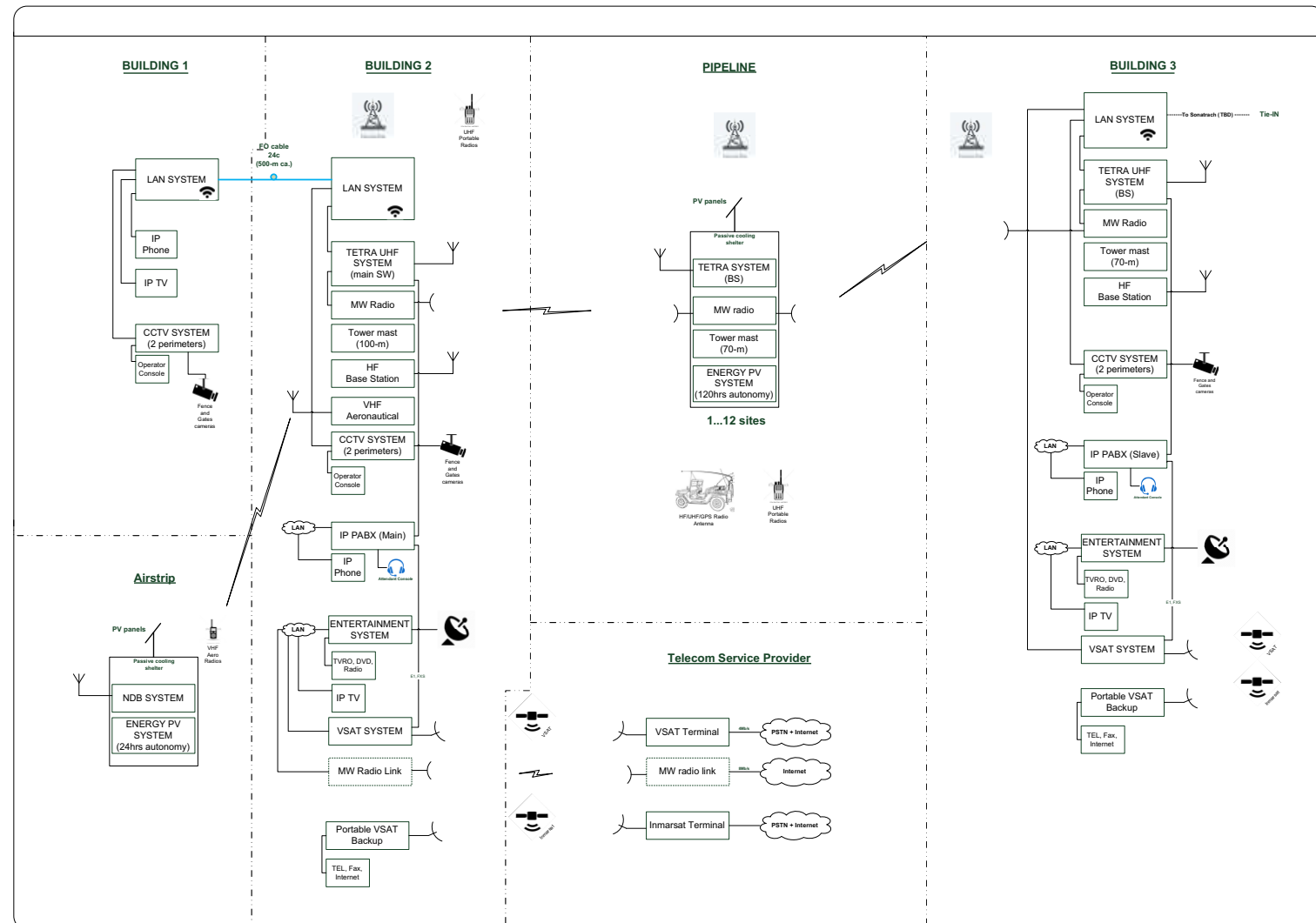


PRELIMINARY ENGINEERING FOR THE TENDERING PHASE

Technical &
Economic
Proposal

- Coverage Study
- Overall Project Analysis
- Systems Dimensioning
- Costs Evaluation
- Full Technical Support
- Site Surevy

PRELIMINARY ENGINEERING: BLOCK DIAGRAM SAMPLE



TURN KEY



DETAILED ENGINEERING MANUFACTURING AND DOCUMENTATION

- Work Schedule & Project Management
- Detailed Layout ; Diagram & Drawing
- Report & General Documentation
- Shipment Documentation
- System Pre-Configuration
- Cabinets Implementation
- FAT
- Seaworthy Packing

Cabinets Manufacturing



F.A.T.



Seaworthy Packing & Shipment



TURN KEY

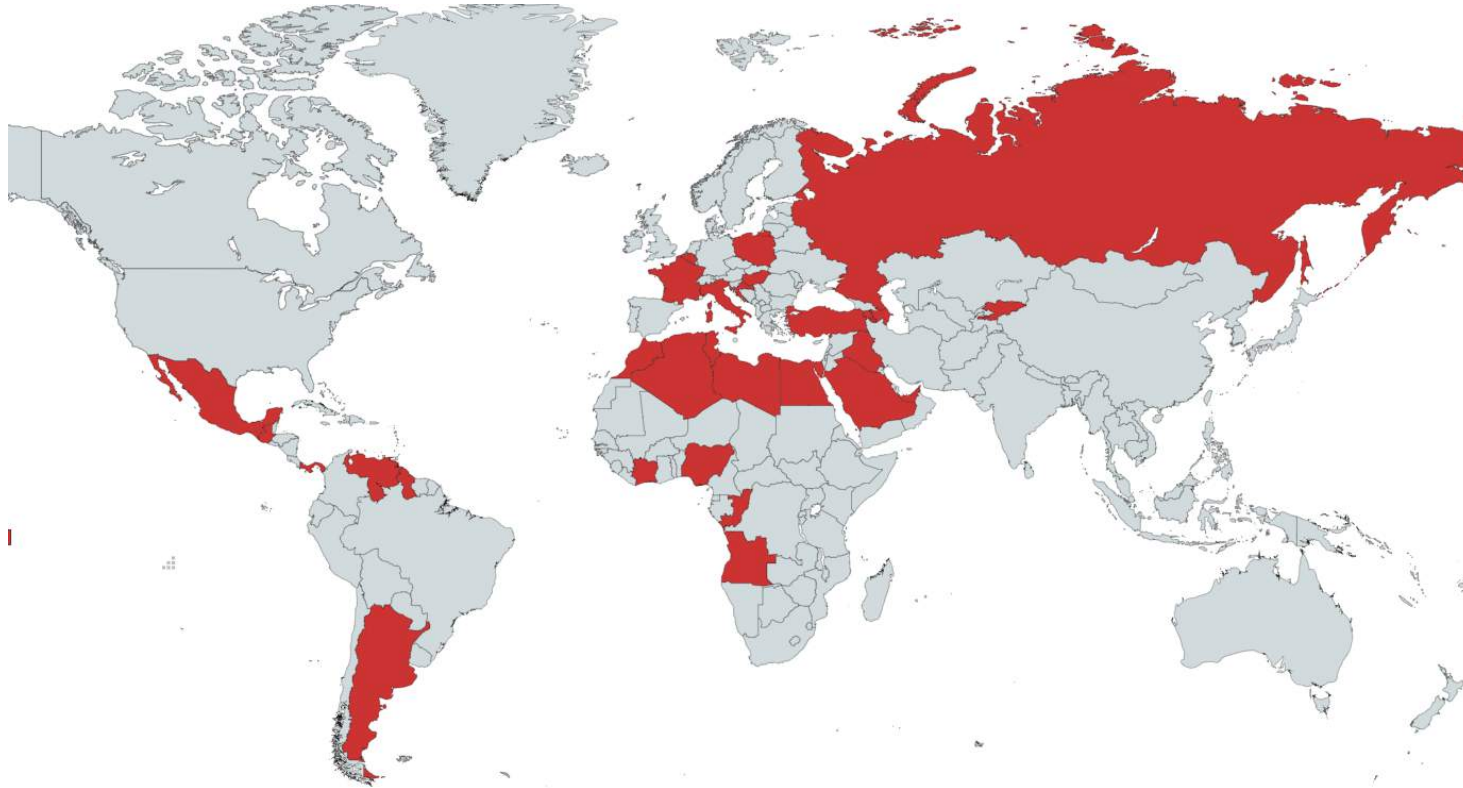


COMMISSIONING & ON-SITE SERVICES

Project
Management
& Delivery
Installation
Activities

- On-site Installation & Erection with local resources
- On-site System & Network Final Configuration & Set-up
- On-site Training
- S.a.t. (Site Acceptance Test)
- Predictive & Corrective Maintenance

GruppOmega – Our Plants in the world



Africa ■ ■ ■ *Algeria - Egypt - Libya - Morocco - Nigeria - Congo - Ivory Coast*
Tunisia - Angola

America ■ ■ ■ *México - Guatemala - Venezuela - Panama - Argentina - Guyana*

Asia Middle East ■ ■ ■ *Azerbaijan - Saudi Arabia - uae Iraq - Armenia - Kyrgyzstan*

Europe ■ ■ ■ *Italy - France - Hungary - Russia - Poland - Turkey - Belgium - Croatia*



KIMA
Egyptian Chemical &
Fertilizers Industries



EMETHANEX
Egyptian Metanex
Metanol Company



LUKOIL
Langeepas, Uray and Kogalym

CHEVRON



SONATRACH
Société Nationale pour le Transport
et la Commercialisation
des Hydrocarbures



S.O.C.A.R.
State Oil Company
of Azerbaijan



PETROBEL
Belaym Petroleum



ELGUA
Energía Limpia de Guatemala



ERG
Edoardo Raffinerie Garrone

ENI
Ente Nazionale Idrocarburi



SIEMENS



CFE
Comisión Federal de
Electricidad (Mexico)



TERNA GROUP



ENEL



SHELL

TOTAL



M.O.E.
(Ministry of Electricity) IRAQ



ORLEN PKN





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