



Designing Energy



# WE ARE AN ENGINEERING AND GENERAL CONTRACTOR.

## Custom-made Design

We provide **high quality solutions at very competitive price** at a global scale, by customizing every project to Customer's needs

FOUNDED IN ROME IN

1997

## Multidisciplinary Team

Our skilled experts, who belong to chemical, mechanical, piping, electrical, instrumental & civil areas, guarantee an **integrated and high design level**

MID-SIZED COMPANY GROUP

ABOUT **300** PEOPLE

## Adaptable

Our lean organizational structure makes us **flexible to changes and ready for challenges**, enabling us to carry out the largest international projects

SERVICES THAT RANGE FROM

FEASIBILITY STUDY TO EPC IN THE FIELDS OF  
OIL, GAS, PETROCHEMICAL







## Our offering

We provide smart technical solutions in greenfield and brownfield projects for improvement, modification and revamping.

- Feasibility Studies and Cost Estimate;
- Basic Engineering Design (BED);
- Front End Engineering Design (FEED);
- Detailed Engineering Design;
- Engineering, Procurement, Construction (EPC);
- Commissioning, start-up assistance & Operation;
- Project Management Consultancy;
- Training

## Our expertise

### Oil

- Alkylation (\*)
- Amine Regeneration
- Catalytic Reformers (\*)
- Coke Calciner (\*)
- Crude Oil Distillation
- Dearomatization (\*)
- Deep Conversion Hydrocracker (Slurry Technologies) (\*)
- Dehydration
- Delayed Coker (\*)
- Desalter
- Fluid Bed Catalytic Crackers (\*)
- Green Diesel and Naphtha production from Palm Oil (\*)
- Hydrocrackers (\*)
- Hydrogen Production (\*)
- Hydrotreating (\*)
- Hydrorefining
- Hydroprocessing
- Isomerization (\*)
- LPG Recovery
- Lube Oil (\*)
- Mercaptan Removal
- Mercury Removal
- Oil Pump
- Miscellaneous Fractionation
- Oligomerization (\*)
- Product Sweetening
- Solvent Deasphalting (\*)
- Solvent Production (\*)
- Sour water Stripper
- Sulphur Recovery (\*)
- Vacuum Distillation
- Visbreaking (\*)

### Gas

- Dehydration
- Gas Compressor
- Gas Oil Separation
- Gas Sweetening
- HC Dew Point Control
- Mercaptan Removal
- Mercury Removal
- NGL Recovery (\*)
- LNG

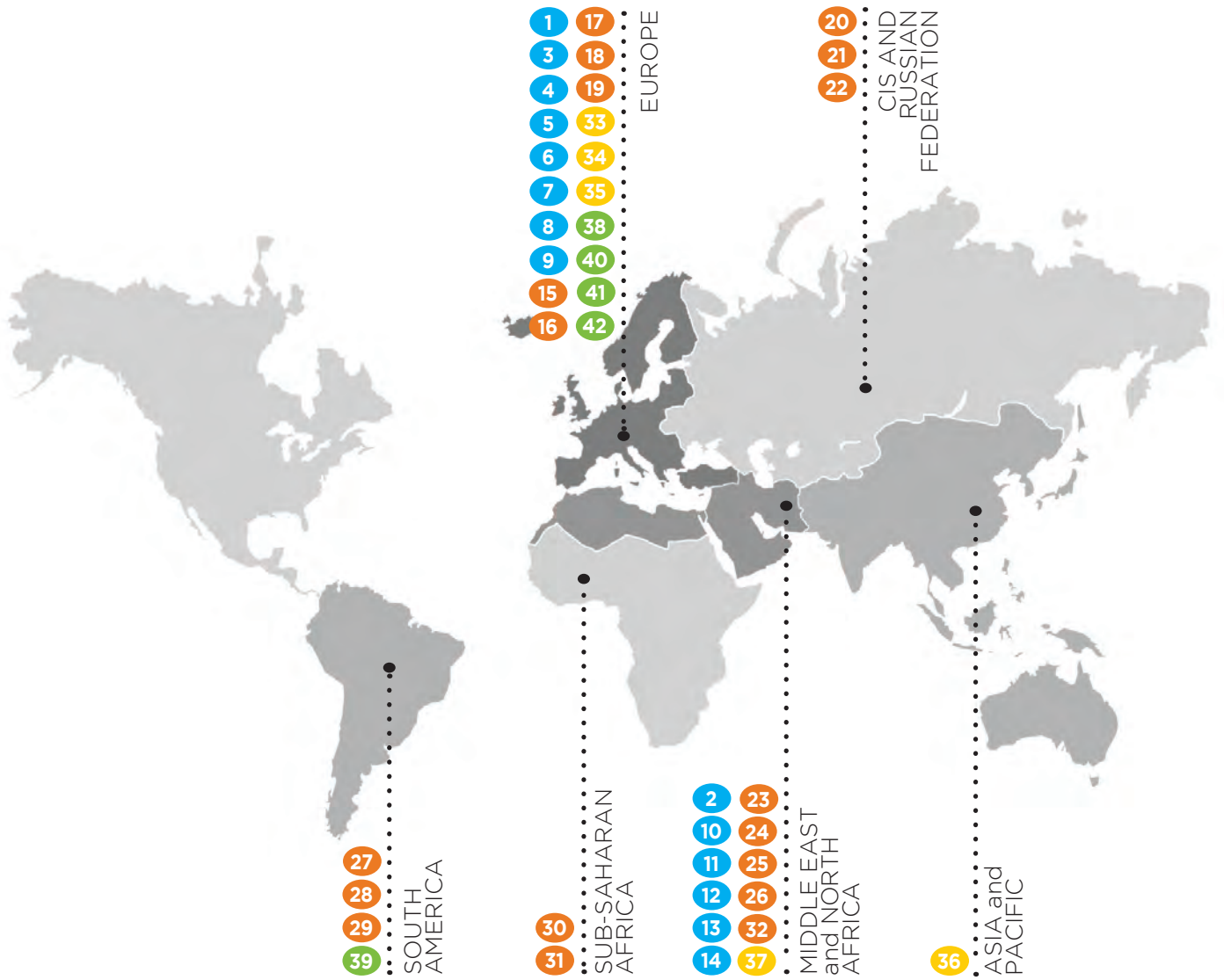
### Utilities & Offsite

- Chemical & Caustic Supply
- Cooling Water
- Coke, Sulphur & Asphalt Handling
- Fire Fighting
- Flare & Blowdown System
- Fuel Oil and Gas Collection & Distribution
- Loading/Unloading Systems
- Nitrogen Generation
- Plant & Instrument Air Production
- Power Production
- Steam Production & Condensate Collection and Recovery
- Storages
- Waste Water Treatment
- Water System

### Petrochemical

- SSBR - Solution Styrene Butadiene Rubber (\*)
- ESBR - Emulsion Styrene Butadiene Rubber (\*)
- PBR - Polybutadiene Rubber
- EPDM - Ethylene propylene Diene Monomer (\*)

(\*) Licensed



## GAS

1	Revamp of LPG Bottling Plant	LPG
2	Sulphur Recovery Unit of NGL 3100, EP	Gas Gathering & Treatment
3	Compression Station, Sergnano Gas Station, EPCM	Compression Station
4	Tail Gas Treatment Unit, Gela Refinery, EPCM	Gas Gathering & Treatment
5	Compression Station Enlargement, Messina Gas Station, EPCM	Compression Station
6	New Compression Unit in Settala Gas Storage Plant, E+CM	Gas Storage
7	Gas Reinjection Station, Sabbioncello Plant, EPCM	Gas Storage

8	Renewal of 3 Turbo Compressor groups for Messina Plant, EPCM	Compression Station
9	Gas Storage Plant, Sergnano, EPCM	Gas Storage
10	Acid Gas Removal Unit, Kharg Island Plant, EP	Gas Gathering & Treatment
11	Feed Gas Compression, Condensate Cryogenic Recovery and Polishing Project, EP	Gas Gathering & Treatment
12	Gas Treatment System, Hengam Plant, FEED	Gas Gathering & Treatment
13	LNG Gas Treatment Plant, Tombak Plant, FEED	LNG
14	Design of Acid Gas Removal and NGL Extraction Unit, EP	Gas Gathering & Treatment

## OIL & REFINING

15 New Vacuum Unit, Sannazzaro Refinery, EPC Refining

16 Revamping of Mild Hydrocracking Unit, Danube Refinery, EPC Refining

17 Vacuum Flasher Unit, Sines Refinery, EPC Refining

18 New Vacuum Distillation and Connected Units, Tupras Izmit Refinery, EP Refining

19 New Hydrogen Unit, Milazzo Refinery, EP Refining

20 HF Acid Alkylation Complex, Syzran Refinery, PMC Refining

21 Diesel Hydrotreating, Tarasovskoe field, EPCM Oil

22 Refinery Upgrading Project, Pavlodar Refinery, FEED Refining

23 Pumping Station and Storage for Shuaiba-Karkh pipeline, EPCM Pumping Station

24 Condensate Refinery, Laffan refinery 2, FEED Refining

25 Upgrading of FCC Unit and new LGO-HDT Units, Basrah Refinery, FEED Refining

26 New Grass Root Refinery, Anahita Refinery, BED + FEED Refining

27 Utilities, Storage and Buildings of 3 Upgraders for Condominio Industrial Carabobo, FEED Refining

28 Synthetic Crude Pipeline and Liquid/ Solid Terminals, PMC Oil Processing

29 Atmospheric Distillation Unit including utilities, Offsite and Other, FEED Oil Processing

30 New Port Sudan Grass Root Refinery, BED + FEED + PMC Refining

31 Pumping Facilities for Melut Basin Oil Development Project, EPCM Pumping Station

32 South Azadegan Oil Field Development Project, EPCC Oil & Gas

## PETROCHEMICAL

33 New PDH and PP Units, Handling and Storage Terminal, Police Plant, PMC PDH, PP

34 Synthetic Rubber Factory, Tisza Petrochemical Plant, EPC Synthetic Rubber

35 SSBR Plant, Oświęcim Chemical Plant, EPCM Synthetic Rubber

36 Elastomer Complex in RAPID Project, FEED Synthetic Rubber

37 Centralized Petrochemical Tank Farm, Assaluyeh Plant, BED Tank Farm

## OTHER SECTORS

38 Power Plant Repowering, Tavazzano e Montanaso Power Station, EPCM Combined cycle

39 Pet Coke Power Plant, Industrial Complex Jose Antonio Anzoategui, PMC Power

40 New Bio Intermediate Unit, Porto Marghera, FEED Green Chemistry

41 Ammonium Nitrate Granulation Unit, Ravenna Plant, FEED Fertilizer

42 Ecofining Unit, Venice Refinery, BED Green Refinery

For more information

[www.aps.it](http://www.aps.it)

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