

Year 2024

APS

APS

Company Profile

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ABOUT APS GROUP

01

MAIRE GROUP OVERVIEW

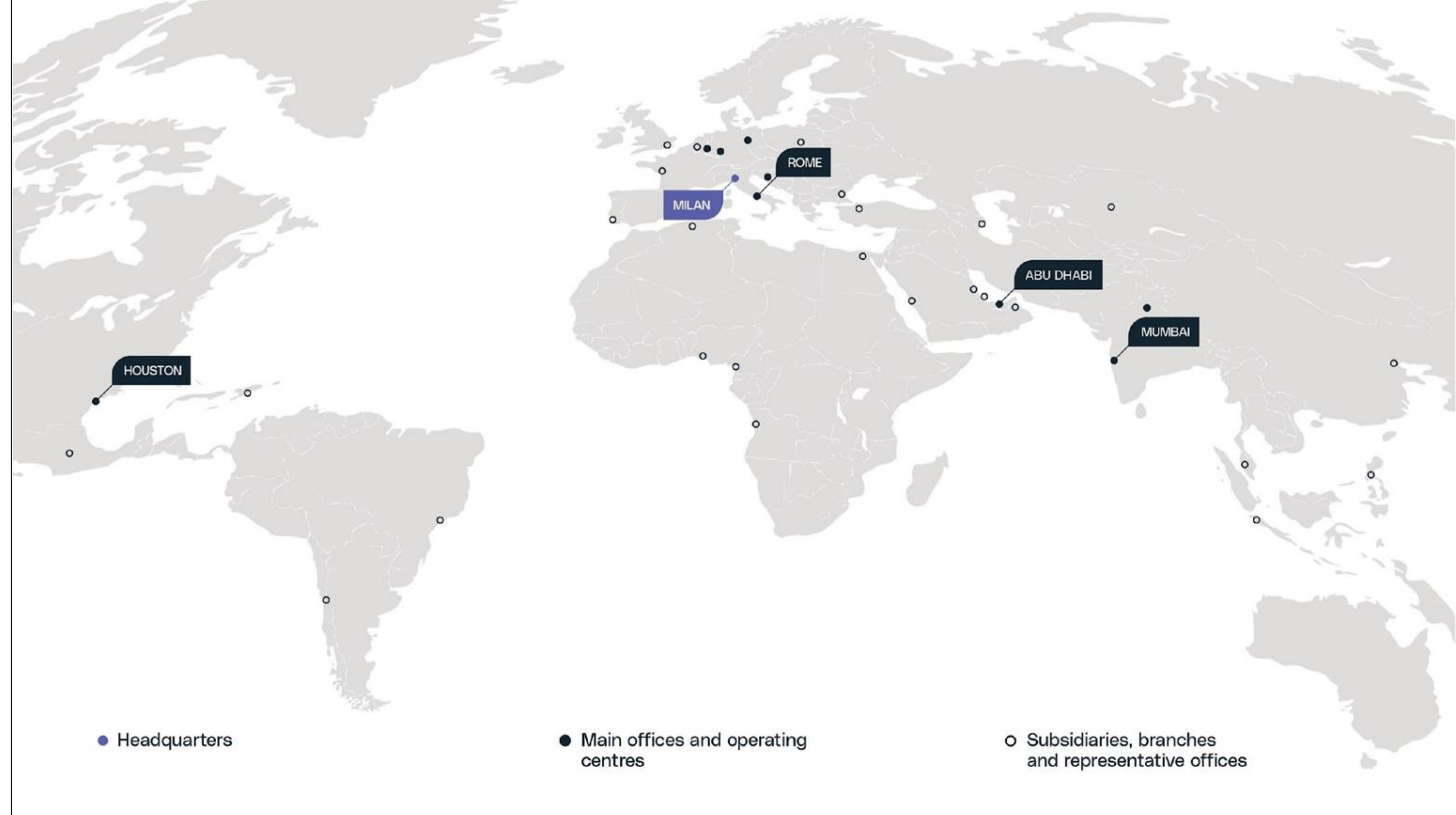
PURPOSE

We believe in a future
where humanity, industries,
and the planet can all thrive.

MAIRE AT A GLANCE

We are a Technology and engineering Group that develops and implements innovative solutions to enable the Energy Transition.

We offer **Sustainable Technology Solutions** and **Integrated E&C Solutions** in nitrogen fertilizers, hydrogen, circular carbon, fuels, chemicals, and polymers.



4.3

Revenues (€ billion)

15.0

Backlog (€ billion)

129.5

Net Income (€ million)



~45

Countries



~8,300

Employees

29,000+

People engaged worldwide*

Data as of 31st December, 2023

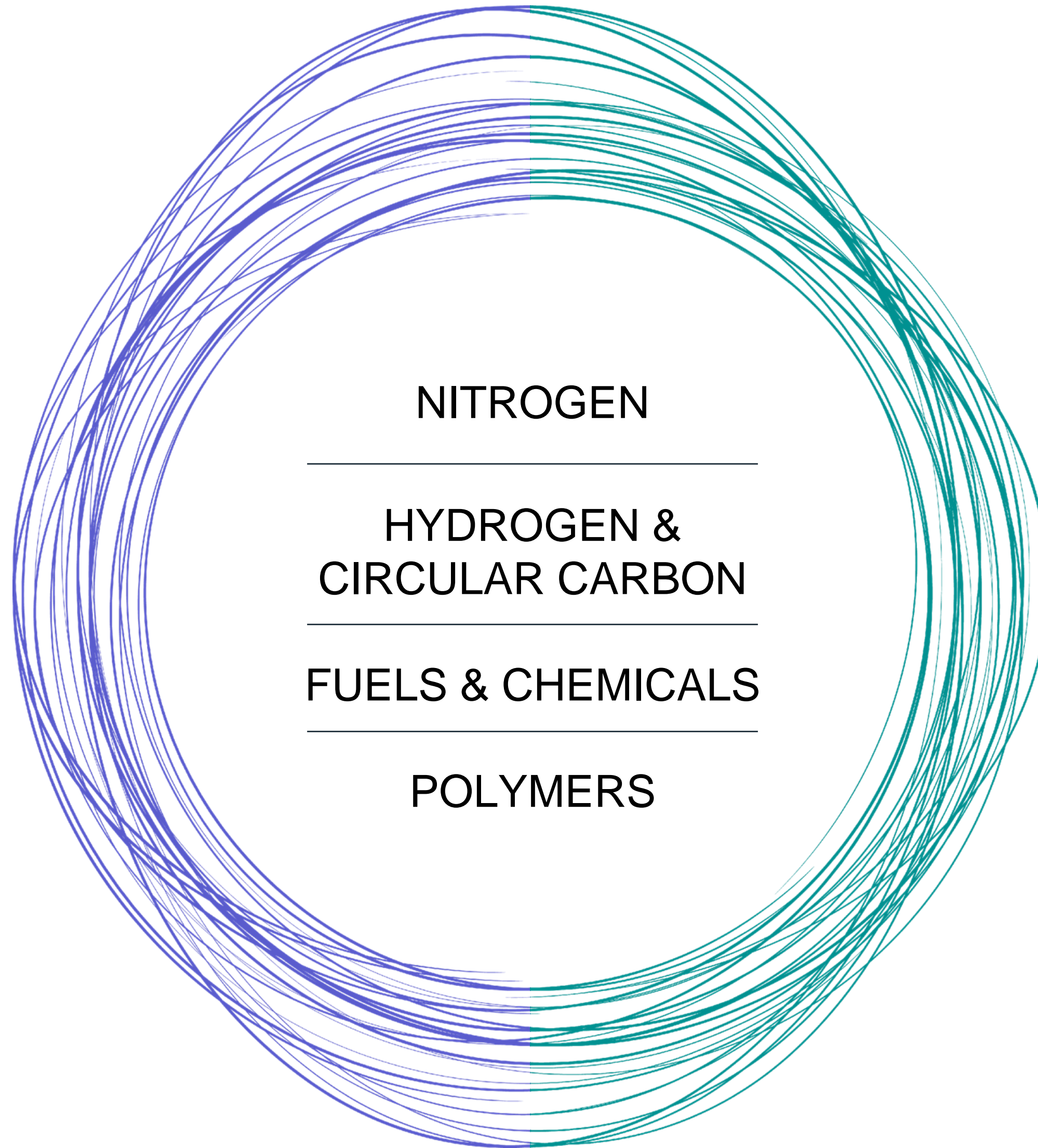
*The data includes employees, collaborators and sub-contractors

HOME TO THOSE WHO MAKE TO INSPIRE

SUSTAINABLE TECHNOLOGY SOLUTIONS

We offer **Sustainable Technology Solutions** to fully **ENABLE** energy transition.

Innovative and sustainable processes, optimizing conventional ones and creating new processes from non-fossil feedstock.



INTEGRATED E&C SOLUTIONS

We **MAKE** energy transition happen through our **Integrated E&C Solutions**.

We bring into reality complex plants and frontier projects designed to provide access to the latest technologies.

02

ABOUT APS

OVERVIEW

APS is a General Contractor, founded in 1997 in Rome, Italy. It operates in the energy sector, and it is specialized in the fields of Downstream Oil & Gas, Refining, Petrochemicals and Green Process.

OVERVIEW

COMPREHENSIVE SOLUTIONS

Our multidisciplinary team consists of highly skilled experts that belong to chemical, mechanical, piping, electrical, instrumental, and civil areas. We guarantee an integrated high design level.

EXPERT TEAM

We actively participate in the management of the complexity of energy sources, and we find the most efficient solution covering all engineering project phases: from Feasibility studies to EPC (Engineering Procurement Construction).

ADAPTIVE STRUCTURE

Our structure and our approach allow us to easily adjust to changing market circumstances.

GLOBAL PRESENCE

We enjoy a strong presence in Italy and internationally, and our experiences include projects based on the most reputable licenses available on the market.

OFFERING

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

Feasibility Studies and Cost Estimate

Basic Engineering Design (BED)

Front End Engineering Design (FEED)

Detailed Engineering Design

Engineering, Procurement, Construction
Management (EPCM)

Engineering, Procurement, Construction (EPC)

Commissioning & start-up assistance

Project Management Consultancy (PMC)

Asset Digitalization

Energy Transition support

Training

EXPERTISE

OIL

- Alkylation (*)
- Amine regeneration
- Catalytic reformers (*)
- Coke calciner (*)
- Crude oil distillation
- Dearomatization (*)
- Deep conversion hydrocracker
- Slurry technologies (*)
- Delayed coker (*)
- Fluid bed catalytic crackers (*)
- Hydrocrackers (*)
- Hydrogen production (*)
- Hydrotreating (*)
- Hydroprocessing
- Isomerization (*)
- LPG recovery
- Lube oil (*)
- Miscellaneous fractionation
- Oligomerization (*)
- Product sweetening
- Solvent deasphalting (*)
- Solvent production (*)
- Sour water stripper
- Sulphur recovery (*)
- Vacuum distillation
- Visbreaking (*)
- Dehydration
- Desalter
- Mercaptan removal
- Mercury removal
- Oil Treatment (upstream)
- Oil Pumping Stations

() licensed*

EXPERTISE

GAS

- Dehydration
- Gas compressor & storage
- Gas oil separation
- Gas sweetening
- HC dew point control
- Mercaptan removal
- Mercury removal
- NGL recovery (*)

PETROCHEMICAL

- **SBR** Solution Styrene Butadiene Rubber (*)
- **ESBR** Emulsion Styrene Butadiene Rubber (*)
- **PBR** Polybutadiene Rubber (*)
- **EPDM** Ethylene Propylene Diene Monomer (*)
- **SBS** Styrene Butadiene Styrene rubber (*)
- **NBR** Nitrile Butadiene Rubber (*)
- **XSBR** Carboxylated Styrene Butadiene Rubber (*)

GREEN PROCESS

- Hydro refining process
- Green diesel and Naphta production, from palm oil and second-generation raw materials
- Biomethane from biogas
- Chemical biocomponent from renewable sources

(*) licensed

GAS

1. Compression Station Enlargement & Renewal of 3 Turbo Compressors, Messina Gas Station, EPCM
2. Sulphur Recovery Unit of NGL 3100, EP
3. Compression Station & Storage & Asset Digitalization, Sergnano Plant, EPCM
4. Acid Gas Removal Unit & NGL Extraction Unit, EP
5. Feed Gas Compression, Condensate Cryogenic Recovery and Polishing Project, EP

OIL & REFINING

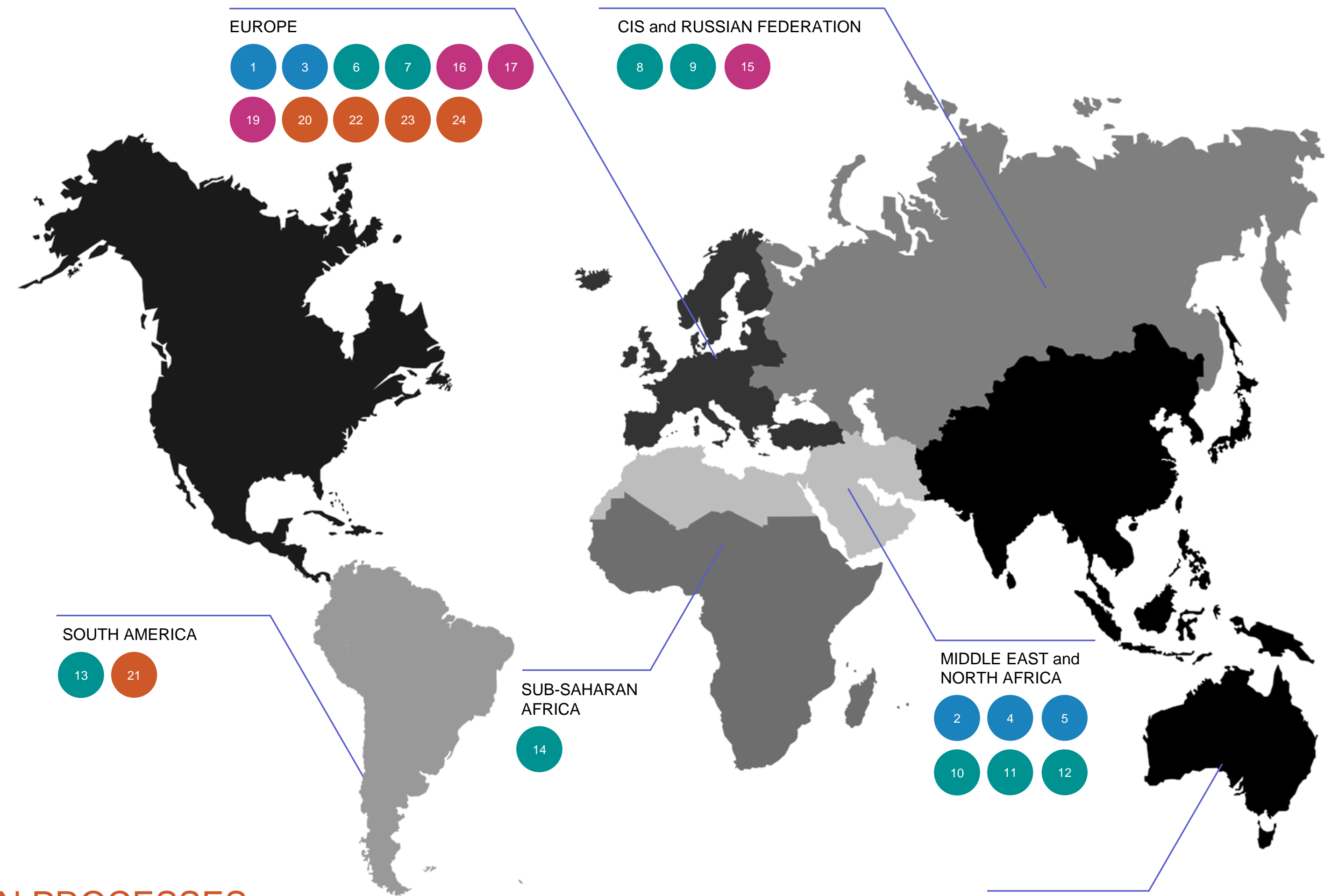
6. New Vacuum Unit, Sannazzaro Refinery, EPC
7. New Vacuum Distillation and Connected Units, Tupras Izmit Refinery, EP
8. Diesel Hydrotreating Modular System, Tarasovskoe field, EPCM
9. Refinery Upgrading Project, Pavlodar Refinery, FEED
10. Pumping Station and Storage for Shuaiba-Karkh pipeline, EPCM
11. Condensate Refinery, Laffan refinery 2, FEED
12. Upgrading of FCC Unit and new LGO-HDT Units, Basrah Refinery, FEED
13. Utilities, Storage and Buildings of 3 Upgraders for Condominio Industrial Carabobo, FEED
14. New Port Sudan Grass Root Refinery, BED + FEED + PMC

PETROCHEMICAL

15. PDP execution for NBR and XSBR production technologies, Togliatti Plant, Engineering services
16. Synthetic Rubber Factory, Tisza Petrochemical Plant, EPC
17. SSBR Plant, Oświęcim Chemical Plant, EPCM
18. Elastomer Complex in RAPID Project, FEED
19. Ammonium Nitrate Granulation Unit, Ravenna Plant, FEED

GREEN PROCESSES

20. Biomass Treatment Unit, Gela Green Refinery, E+CM
21. Pet Coke Power Plant, Industrial Complex Jose Antonio Anzoategui, PMC
22. Green Chemistry: new Bio Intermediate Unit, Porto Marghera, FEED
23. Biomethane upgrading system, ITB Preparation & Maintenance & Operation
24. Ecofining Unit, Venice Green Refinery, BED



OUR CORE VALUES

At APS, we:

PARTICIPATE TO MANAGE
COMPLEXITY OF ENERGY SOURCES

We love to solve problems by generating something useful and improved. We work for achieving benefits from mutual exchanges between traditional energies of Oil&Gas and Petrochemical and innovative energies of Green and Bio Processes.

VALUE INTERDEPENDENCY FOR
PROPOSING EFFICIENT SOLUTIONS.

We work for the best solution by giving values to all resources used and by seeking, case by case, the best balance between autonomy and coordination to promote good ideas.

FOCUS ON CLARITY IN OUR WORKING
ENVIRONMENT.

We live and work better in a mutual understanding by listening without prejudices, and by asking and giving trust to all stakeholders. We work for promoting reciprocal transparency and responsibility.

APS Designing Energy S.r.l.

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APS

KT Integrated E&C Solutions