



**DIPIETRO**  
GROUP INSTRUMENTS &  
SYSTEM INTEGRATION



## THE HUB OF OUR EXPERIENCE

More than 30 years of experience makes [Dipietro Group](#) a world leader in System Integration in the O&G industry, providing turnkey solutions in the field of Process and Laboratory analysis, Predictive Maintenance on critical machines and Global service on site.

Quality, reliability and know-how represent the main values of our corporate mission. Our customer-oriented organization focuses on the supply of tailored solutions based on clients' specifications and needs.

Cooperating with the main EPC contractors and End-users in the global market, our team of highly specialized Engineers and Field Engineers grant a complete consulting assistance in every stage of a project: from FEED to field installation, after sales and annual maintenance.



ISO 9001:2015  
ISO 14001:2015  
ISO 45001:2018

# DELIVERING INTEGRATED SOLUTIONS

END-USERS, OEM, EPC



## Headquarters

**Administrative Office**  
Citta' Giardino - Melilli (Italy)

**Workshop & Warehouse**  
Citta' Giardino - Melilli (Italy)

**Florence Office**  
Firenze (Italy)

**ICOTECH**  
Dubai (UAE)

**DIPIETRO INDIA P.r.t Ltd**  
New Delhi

**Baku Office**  
Baku (Azerbaijan)

# OUR MISSION

Feasibility Study  
and Basic Design  
for Industrial  
Applications



Detailed  
Engineering  
and  
Implementation  
of Integrated  
Systems



Construction  
and Assembly



Supply, Installation,  
Commissioning  
and Start-up



Post-sales  
maintenance  
and Assistance



## SYSTEM INTEGRATION & TURNKEY SOLUTIONS



When dealing with complex and structured projects, the possibility of having only one point of contact for managing the Design, Procurement and Construction of turnkey packages is a winning strategy for a better project execution.

Dipietro Group is an independent Integrator, not bound by equipment/instruments OEM. Our flexible mentality enables us to provide users with the best performing systems for their specific applications, suitable with process requirements and customers' preferences on brands.

The direct link between project team and corporate management enhance us to speed-up decision-making processes, removing potential interface problems by providing the ideal solution directly to users. Familiarity with international standards, high level techniques and skills, the wide portfolio of experiences and references worldwide, made Dipietro Group a reliable partner over the years, granting a 360° support.

# ANALYTICAL SYSTEMS

TURNKEY ONLINE INTEGRATED ANALYTICAL SYSTEMS  
FOR ALL PROCESS APPLICATIONS



- Walk-in shelter with or without ventilation and pressurization systems
- 3 side shelters
- Cabinets with or without pressurization systems
- Sample take-off, transport and treatment
- Condition and Emission Monitoring Systems (CEMS)
- Heating and Ventilation Analysis Conditions (HVAC)
- Industrial automation systems including Fire & Gas

Turnkey Analyser System packages complete of Shelter/Cabinet/Rack with all the necessary equipment and analytical instrumentation.

Our systems can be supplied in a wide range of configurations, comprehensive of all necessary sample treatment systems necessary to ensure the correct and reliable functioning of the analyzers:



# LABORATORY SAMPLING SYSTEMS & SWAS



Steam & Water Analysis Systems  
(SWAS)

## MANUAL / AUTOMATIC SAMPLERS FOR

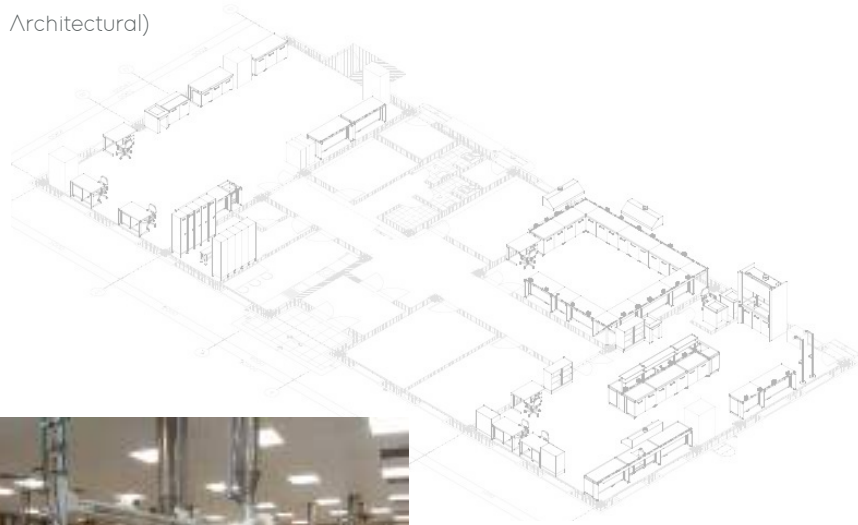
- ▶ Steam / vapour application
- ▶ Liquid application
- ▶ Gas & Liquefied Gas application



# TURNKEY LABORATORY PACKAGES

& INDUSTRIAL WORKSHOPS

- Feasibility study and consultancy for complete laboratory building
- Engineering, 2D-3D Design, Layout (Civil, Structural, Architectural)
- Procurement for Instrumentation and Materials
- Laboratory Arrangement
- Laboratory Analyzers
- Laboratory Apparatus
- Equipment for Polymers





# MACHINE AUTOMATION

TURNKEY PROJECTS

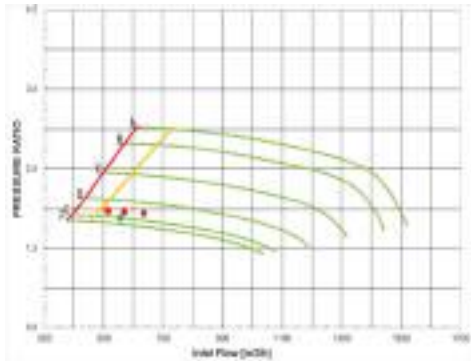


Integrated Systems for Monitoring  
and Protection of Machines

- ▶ VMS Vibration Monitoring System
- ▶ UCP Unit Control Panel
- ▶ ODS Overspeed Detection System
- ▶ ESD Emergency Shutdown Device
- ▶ AS Antisurge System
- ▶ PCS Process Control System

# SPECIALIZED SERVICES ON MACHINES

- ▶ MMS Configuration
- ▶ Commissioning & Start Up
- ▶ Machines Site Acceptance Test
- ▶ Vibration Analysis
- ▶ Trim Balance
- ▶ Troubleshooting
- ▶ Performance Test



# SERVICE & MAINTENANCE



A dedicated team of qualified and certified Field Engineers provide specialized technical assistance and maintenance services.

- ▶ Construction & Installation
- ▶ Pre-commissioning, commissioning and start-up
- ▶ Post-sales site assistance and reporting
- ▶ Ordinary and extraordinary maintenance
- ▶ Hot line technical assistance
- ▶ Scheduled preventive maintenance & corrective maintenance
- ▶ Training on job & theoretical / practical training courses

# R&D PROJECTS 2020

## NEW GENERATION INTEGRATED SYSTEMS

Dipietro Group has been participating for years, in collaboration with main Italian Universities and Research Centers, in experimentation projects for the development of innovative technologies.

### SE.N.SO

Sensore Nanostrutturato per Stress Ossidativo (Nanostructured Sensor for Oxidative Stress)

Development of a prototype of amperometric nano-sensor for the detection of hydrogen peroxide in the culture medium of in vitro/ex vivo cell systems. The project aims at implementing an innovative device for monitoring the onset and progress of oxidative stress in experimental models reproducing pathologies that can affect humans.

### Water 4.0

Water loss Assessment Through Environmental Research Innovative tools for the Identification of leaks in water networks and continuous qualitative / quantitative monitoring of properties., also acting as EWS (Early Warning System) in the event of significant breakages and resources contamination in the network.

### PatCHES

Patient-Centered HEalthcare System for neurodegenerative diseases.

The purpose of PatCHES consists in a smart bed that can be applied not only to hospitals, but also to domestic use, in case of non self-sufficient subjects.

The whole system is based on the use of advanced sensors and artificial intelligence, increasingly used in the medical field.



# OUR PARTNERS

A2A  
ADNOC  
ANSALDO ENERGIA  
BHGE  
BOROUGE  
CARGIL  
CHIYODA  
CPECC  
EDISON  
EMIRATES STEEL  
ENEL  
ENI SPA  
ENI VERSALIS  
ENOC  
ENPIL  
ERG  
EXXON MOBIL  
FOSTER WHEELER  
GASCO  
HOERBIGER ITALIANA SPA

HONEYWELL  
HYUNDAI  
JGC  
KNPC  
LINDE  
LUKOIL  
MAIRE TECNIMONT  
MAPNA  
MCDERMOTT  
NEM  
NIPIGAZ  
NOOTER ERIKSEN  
OXY  
PDO  
PEG  
PETROFAC  
PETRONAS  
PRIMETALS  
RAFFINERIA DI MILAZZO

ROCKWELL  
SAIPEM  
SARLUX-SARAS  
SASOL  
SAUDI ARAMCO  
SCHNEIDER ELECTRIC  
SGS  
SIBUR  
SIEMENS  
SIIRTEC NIGI  
SKF  
SMS GROUP  
SOCAR  
TAKREER  
TECHNIP ENERGIES  
TERMOMECCANICA POMPE  
TOTAL  
WOOD PLC  
WORLEY  
YOKOGAWA

# OUR ADDED VALUE

AS TURNKEY SOLUTIONS' PROVIDER



360° support



Ease  
of customization



Cost-time saving



High Flexibility



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