



Over the years, TEA Sistemi has been successful in turning applied research in the field of Process Engineering into consulting services, innovative equipment and software tools. At present, TEA Sistemi is the leading Italian Company as provider of contract research and specialized services to the Oil & Gas Industry.



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N 39 Employees



Company name: TEA SISTEMI S.P.A.

Location: PISA (PI), Via Ponte a Piglieri 8, 56121

Fiscal and VAT code: 01426520506

Established: since 1997

Legal form: S.P.A.

Internet site: <https://www.teasistemi.com/>

NACE Code: 72.19

Sector: Energy and Environment technologies

Spinoff: University of Pisa

Turnover  
Value  
**5 M**

Subscribed  
Capital  
**260 K**

**NO**  
Female,  
Foreign or  
Young  
Predominance

# TEA Sistemi provides advanced services,

from lab tests to complex engineering,  
for production systems in the energy sector.

## Oil & Gas production

Our intent is to be a **leading producer and supplier of services** for Upstream O&G, structured to deliver added value to our customers in all project phases, through innovation and commitment.

**Process, HSE and production systems integrated design services** come from decennial experience in research and development, as well as the TEASistemi process equipment, designed and tested in our laboratory.

## Energy solutions

TEASistemi capabilities rely on a **long tradition of research on energy systems started in early '90**, through collaboration with large Energy Providers (ENEL) on European Research Projects.

Our activities in the area of Energy Systems covers from **design of specific power plants equipment** (separators, heat exchangers, ejectors), to **design of production network for geothermal energy distribution**, up to the analysis of complex systems (pumping stations oil refinery) for **energy saving solutions** elaborations.

## Environmental sustainability

Our mandatory commitment is written in our name: **we will provide solutions with environment preservation as a first goal**, using all the knowledge gained in more than 25 year experience in Energy and Environmental R&D, focused on emission characterization, surface and underground water quality management and environmental parameters monitoring and prediction.

### A few numbers to know about us

30

Years in Oil & Gas

1800

Number of projects

120

Number of R&D Projects

15

Patents

35

Countries

# SERVICES AND PRODUCTS

## CONSULTING SERVICES

### Risk Management

QRA, FERA, Loss Prevention, HAZOP/HAZID team leader.



### Flow Assurance

Pipeline sizing, thermal insulation, chemical dosing, operative procedures design, life extension analysis



### Process engineering

Components design, process schemes, datasheets, P&ID and H&M balance, control system definition.



### Environment

EIA, permitting, land remediation, soil contamination studies, landfill management.



## R&D PRODUCTS

### Contracted R&D

Multiphase flow loop, discharge analysis, particle measurement.



### Lab Tests

Choke characterization, separation efficiency measurement, noise evaluation, metering system evaluation.



### Equipment

Design and construction of multiphase ejectors, swirler separators and multiphase meters.



### Software

MAST multiphase code, TEARisk Suite.

