

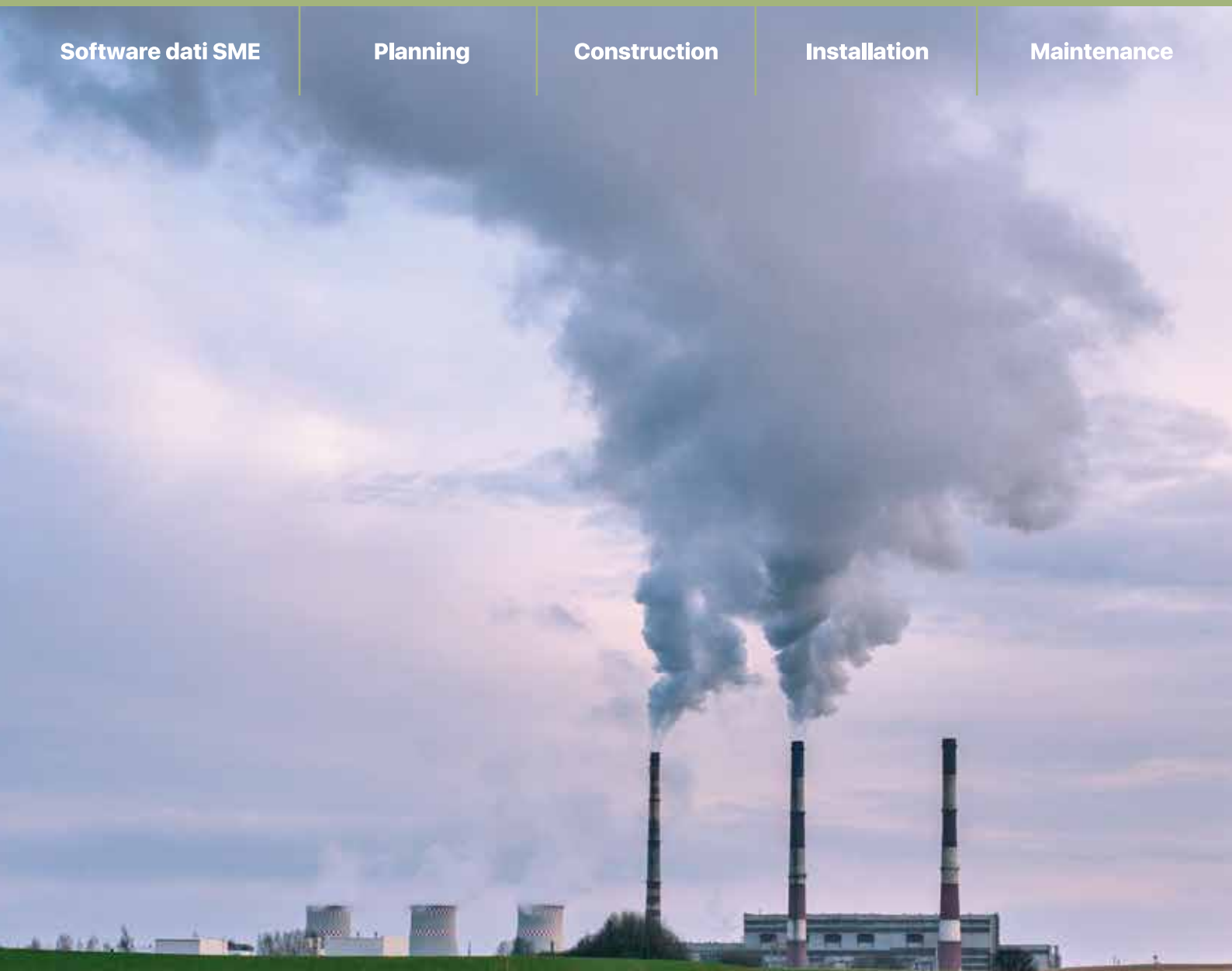
Software dati SME

Planning

Construction

Installation

Maintenance



Environment

**Solution for environment
monitoring and process analysis**

Target

Continuous monitoring of emissions, air quality, waste water and ultrapure water quality, according to current national and international regulations.

opus automazione SpA designs and produces hardware and software turnkey measurement systems, for both new and existing plants. Processes, installs and maintains continuous monitoring systems for the measurement of pollutant parameters in different matrices, such as air - water - emissions into the atmosphere and complex systems for the measurement of physical-chemical parameters of the gaseous effluents from any industrial process.

The freedom to choose without any supplier restriction allows opus to be a system integrator, able to design and put into service the best solution for each customer.

Opus provides a 'full service' maintenance on analytical equipment and a no-stop customer assistance to ensure an immediate action on plants and safeguard its customer by possible damages. Thanks to its knowhow, opus may provide analysis systems on every industrial process.

Gas analysis

- Planning, construction, design, installation of emission and immissions analysis systems.
- Process analysis (pollutants and accessories parameters).
- Realization of gas treatment and sampling systems
- Construction of fixed, portable and transportable systems.
- Maintenance of analysis systems and remote assistance.
- Calibration of analyzers and linearity tests.
- Data monitoring and recording software according to Dlgs. 1582/2006 and s.m.i. and UE regulations (UNI EN 14181:2015)

Water analysis

- Planning, construction, installation analysis systems for waste and ultrapure water.
- Measurement of PH, dissolved oxygen, chlorides, phenols, ammonium etc.
- Plants maintenance and remote assistance.

Analytical techniques

- Infrared, ultraviolet, chemiluminescence, paramagnetic, zirconium oxide, flame ionization (fid), photoionization (pid), gas chromatography, calorimetry, beta-ray gravimetry, diffraction.
- Potentiometric, ion-selective

Software dati Sme

- Monitoring and supervision of different plant's users.
- Instantaneous measurements acquisition and recording.
- Compute of 10 minutes, hourly and half-hourly, daily and monthly averages.
- Recording of the collected averages.
- Warning acquisition and recording.
- Standardisation of oxygen, temperature, pressure and humidity measurements according to current legislation.
- Comparison with legislative parameters, counting of data beyond the allowed limit, counting of invalid data.
- Form to manage QAL2 and QAL3.
- Form to create report related to instantaneous data, average and setting parameters.



Environment
Process Automation
Test Bench
Turbomachinery



Systems & Diagnostics Engineering



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