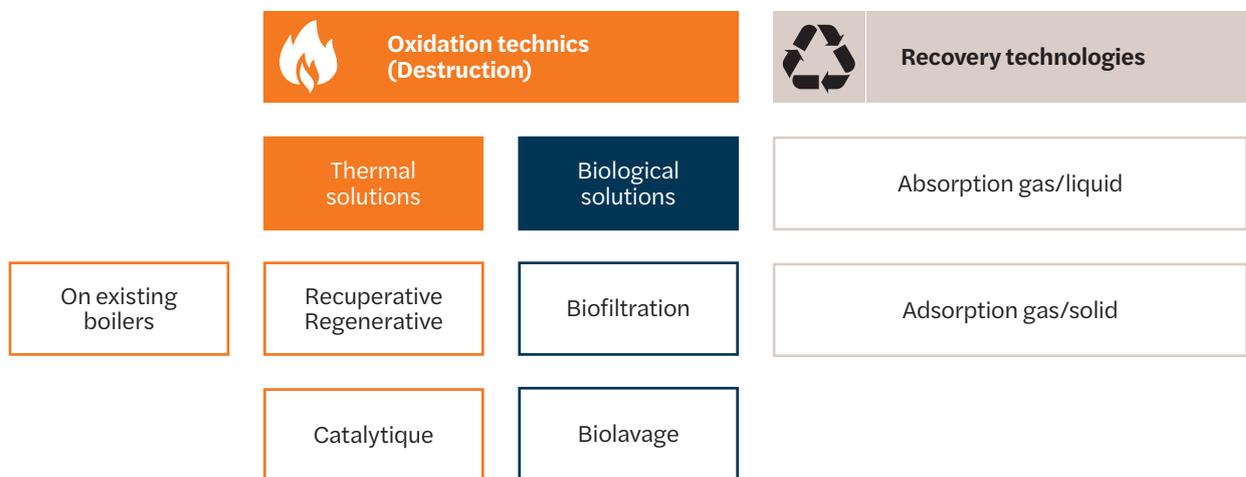




Expert in the treatment of **Volatile Organic Compounds (VOC)**

John Cockerill Europe Environnement makes available to you the highest performing technologies for controlling **gaseous discharges of VOC** from your processes in **numerous applications**.



Valorisation

Energy Recovery
(e.g.: heat recovery)

Material Recovery
(e.g.: recovering solvent in liquid form)

In both heavy and light chemicals, the production and transformation processes call on extensive wide range of chemical elements; resulting in a wide variety of polluting gaseous emissions: our job is to define and set up the optimal treatment solution in line with your requirements and those of the regulations in force.

Thanks to its know-how and technological skills John Cockerill Europe Environnement helps to:

- Protect on site operators
- Control your gaseous releases
- Preserve your working environment: buildings and equipment
- Enhance your image among local residents and clients

Audit > Treatment solution design > Manufacture > Installation > Commissioning > Maintenance & After-sales servicing



Example of a recurrent challenge in Petrochemical industry

- Solvent recovery solutions

Client's process

Gas treatment on process vents

- VOC: Heptane

- Air flow: 670 m³/h at 25°C

Our solution

- Turnkey skid to recover and to reuse 30 T/year of heptane

Valorisation
> 98%

Example of a recurrent challenge in metallurgy

- Thermal oxidation of VOCs and energy recovery

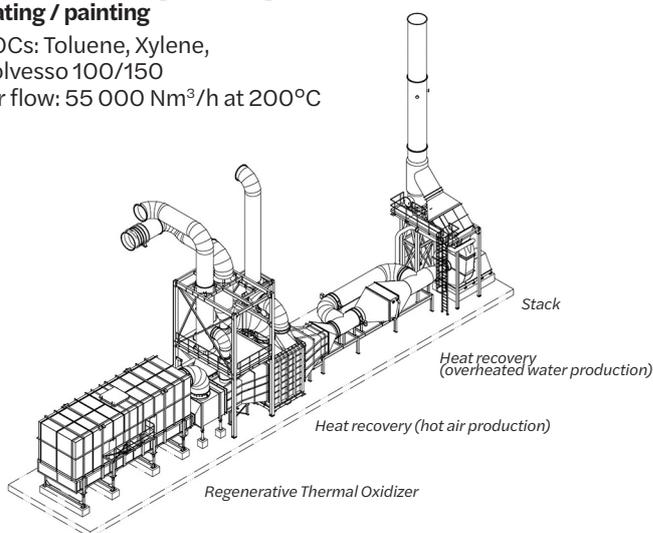
Client's process

Vertical continuous galvanizing line - coating / painting

- VOCs: Toluene, Xylene, Solvesso 100/150
- Air flow: 55 000 Nm³/h at 200°C

our solution: Turnkey installation

- Galvanizing line
- RTO Unit
- Heat recovery
- Overheated water production
- Stack



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