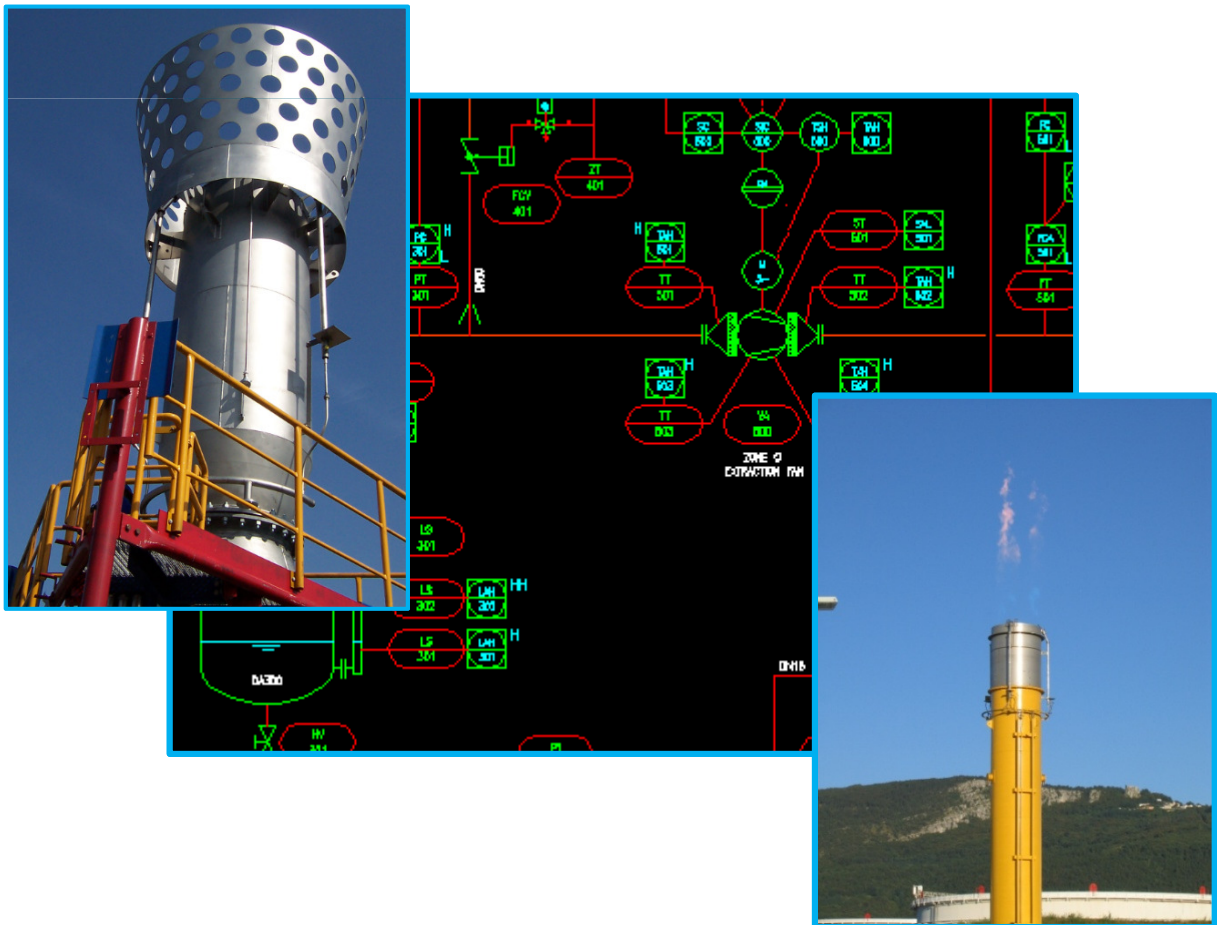
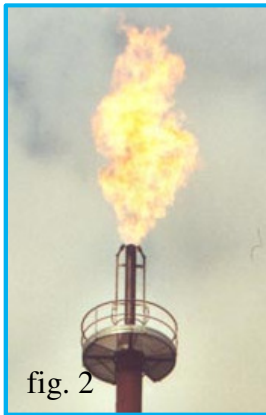




Competence in thermal waste treatment systems





Europem

EUROPEM NV is specialized in advanced systems for the treatment, combustion and energy recovery of waste gases and volatile organic compounds for industrial processes.

Our systems meet the highest demands on emission, they run with the highest efficiency and are designed according to the ATEX directives..

EUROPEM NV is a very reliable authority in this industrial area and has collected its know-how and experience in the course of the past 35 years, through the discovery of solutions for environmental, and energy and process related projects.

We supply the following products and services:

- Specialized studies (ATEX, DeNOx, combustion, flare systems, ...)
- Zone 0 Vapour displacement systems corresponding ATEX
- Flares
- Optimized combustion systems
- Heat recovery systems
- Turn key projects
- After sales service 24/24

Engineering and project management

The Europem team is at your disposal with many years standing to create an integrated and innovative solution for your process.

- Vapour extraction systems conform ATEX (fig. 1)
- Flares (fig. 2)
- Thermal incinerators (fig. 3)
- Catalytic oxidizers (fig. 4)
- DeNOx systems(fig. 5)
- Heat recovery systems (fig. 6)

Competences

- Assessment of a Group of partners with strong competences
- Independent specialized engineering office
- We have a database of all usual hydrocarbons and other products
- Calculation of the degree of evaporation of a chemical product in a storage tank, ship or reactor.
- Calculation and definition of degree of explosion risk
- Calculation of LEL levels of gas mixtures
- Support for risk analysis and HAZOP studies
- Calculation of emissions and dispersion of stack emissions
- Automatisation and optimization of energy- environmental and industrial processes
- Zone 0 competence and design of systems according to ATEX
- Design-engineering of displacement and treatment systems
- Design-engineering of environmental friendly flares, combustion- and energy recovery systems
- Combustion of hard waste streams (gases, liquids, solids) from the petrochemical industry with energy recovery