



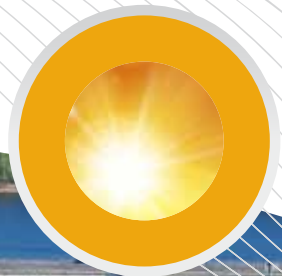
CMI ENVIRONMENT

AIR &
GAS

WATER

SOLID &
WASTES

ENERGY
EFFICIENCY



CMI, the right partner for your
**environmental and
innovative solutions**

CMI, the **reliable partner** for **your sustainable development!**

CMI offers a wide range of **innovative environmental solutions** to improve the overall performance of your installations.

With the benefit of almost two centuries of industrial experience, the CMI technological offering covers 4 areas of expertise.

Our **teams** of engineers design the most efficient and most reliable **solutions** to respond to the **specific** needs and constraints of each project!

- Expert engineers in their fields
- Complementary nature and abundance of the offering
- Collaborative approach
- Study bureau working on Autocad
- Manufacturing, assembly and commissioning teams
- Maintenance team
- Research and innovation
- State-of-the-art equipment: internal laboratories (pilot tests)
- Turnkey services



AIR & GAS

Technologies

- Physico-chemical gas scrubbing
- Biofiltration
- Activated carbon treatment
- Stripping of valuable gaseous effluents
- Solvents recovery by activated carbon adsorption

Applications / Fields of expertise

- Corrosive and harmful gas treatment
- Treatment of odorous emissions due to industrial process or Waste Water Treatment Plants, Composting facilities, Waste sorting centres, Sewage pumping stations
- VOC treatment (Volatil Organic Compounds)
- Aeraulics: ventilation systems and related thermo-plastic accessories resistant to corrosion



WATER

Technologies

- Physico-chemical processes
- Biological processes
- Thermal processes
- Membrane processes
- Finishing processes
- Products and solutions for the preventive and curative water treatment (scale, corrosion, biocides and nutrients for treatment plants)
- Green solutions based on biopolymers

Applications / Fields of expertise

- Pumping
- Drinking water treatment, Process water
- Purification of waste water
- Process water production
- Recycling of treated water
- Sludge treatment
- Local or remote control of water distribution networks, pumping, water treatment or purification units
- Preventive treatment: boilers, drinking water, heating and cooling circuits, cooling towers, hot sanitary water
- Curative treatment: chemical de-scaling, rust removal, physical-chemical sludge removal, disinfection, cleaning, cleansing...
- Nutrient inputs: correction of lack of nutrient, flocculants and coagulants applications



SOLID & WASTES

Technologies

- Biomass methanization
- Pyrolysis
- Calcination
- Roasting

Applications / Fields of expertise

- Biomass: methanization and torrefaction
- Sludge digestion
- Treatment of lixivates
- Recovery of metals (zinc, vanadium...)
- Incineration of wastes, sludge and pulverized solid materials
- Industrial minerals
- Activation and regeneration of carbon



OUR ADVANTAGES

- Reducing the environmental footprint of industrial processes
- Providing innovative and high performance solutions
- Offering global solutions
- Developing partnerships based on mutual confidence
- Ensuring their sustainability life-cycle of solutions

SERVICES

AUDITS, STUDIES
CALCULATIONS &
TESTS

ASSISTANCE IN
DRAWING UP
SPECIFICATIONS

DESIGN OF
TAILOR-MADE
SOLUTIONS

PROJECT
MANAGEMENT

MANUFACTURING

ASSEMBLING

Choosing CMI means
choosing performance,
quality and local services
across the entire
world, thanks to our
network.

AFTERMARKET
SERVICES

OPERATION AND
MAINTENANCE
TRAINING

COMMISSIONING



ENERGY EFFICIENCY

Technologies & Services

- Efficient combustion systems
- Heat Recovery Solutions and Heat Valorization Solutions
- Optimization of process control
- Optimization of production and use of utilities
- Energy audit, energy integration
- ISO 50001 Certification follow-up
- Project Management for High Energy Performance design
- Financing Solutions for energy projects

Applications / Fields of expertise

- High and low temperature industrial furnaces
- Drying process, liquid & gas cooling systems
- Heat treatment / Surface treatment
- Production of utility steam, compressed air, electricity, refrigeration
- Conversion of waste heat to user networks

OUR CLIENTS

Authorities and
public bodies



Town halls ▪ communes (inter-communal bodies) ▪ local authorities
Universities ▪ Hospitals

Industries



Metal industries

Metallurgy ▪ Extractive metallurgy ▪ Foundries
Surface treatment ▪ Automobile / Aeronautic
Steelmaking ▪ Electronics



Food processing

Dairy-cheese-making ▪ Distilling ▪ Butchery
Agricultural cooperatives ▪ Sugar-making
Converting to finished products (biscuits, canning, etc.)
Mineral treatment ▪ frozen vegetables



Light and heavy
chemicals

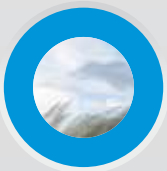
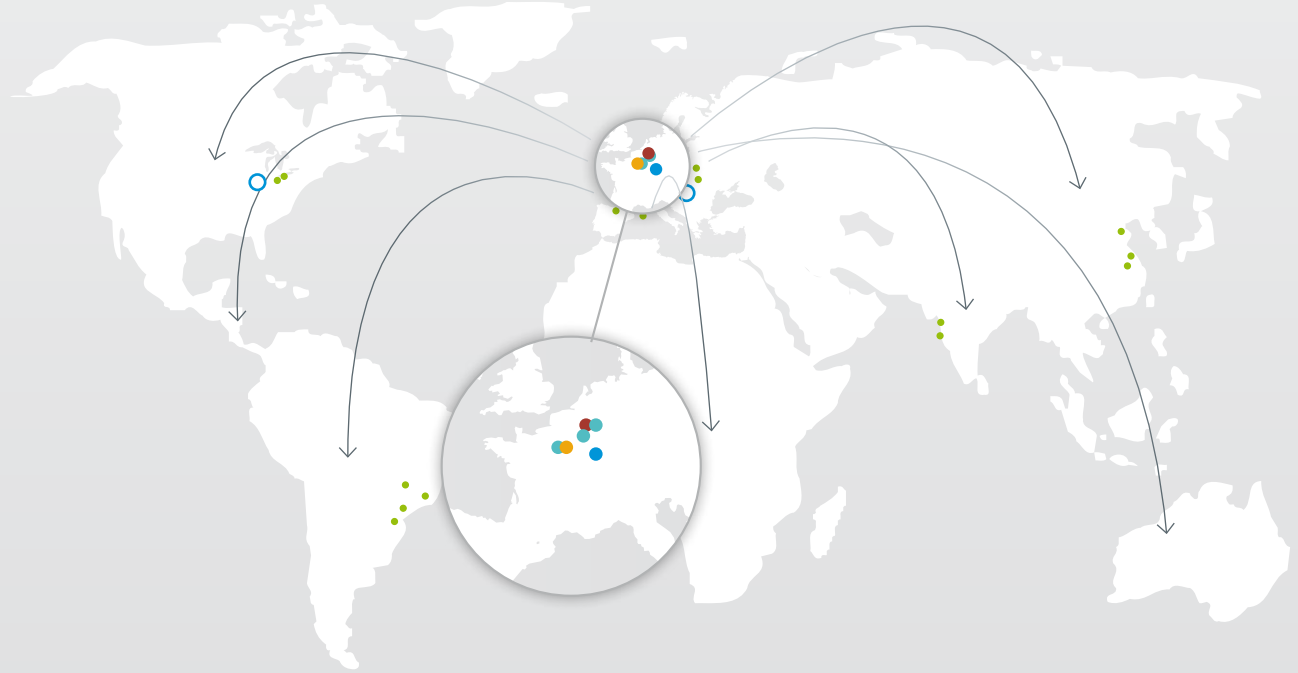
Bio-fuels ▪ Pharmaceuticals ▪ Cosmetics ▪ Fertilizers
Pesticides ▪ Paints ▪ Petrochemicals ▪ Plant extraction



Other industries

Paper ▪ Glass ▪ Cement
Renewable Energies / Energy ▪ Data Centers ▪ Waste

From our installations in Europe, we are at your side throughout the world.

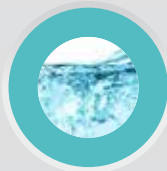


AIR & GAS

CMI Europe Environnement

Designs and implements tailor-made solutions for harmful, corrosive and odorous gas emissions since 1993.

1 rue des Pins
Parc d'Activités du Pays de Thann
68700 Aspach-Michelbach, France
Tél. +33 (0)3 89 37 41 41
europe.environnement@cmigroupe.com



WATER

CMI Aquaged

Develop and manufacture preventive and curative treatment products for industrial and tertiary-sector water.

34 rue des Marizys
08400 Vouziers, France
Tél. +33 (0)3 24 71 08 08
aquaged@cmigroupe.com

CMI Balteau

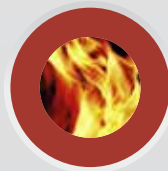
A specialist for more than 35 years in design as well as building drinkable water and waste water treatment and pumping facilities, bio-methanization and electro-mechanical equipment supply.

Zoning Artisanal de Cornemont
Rue de la Légende, 63
4141 Sprimont, Belgique
Tél. +32 (0)4 253 22 24
balteau@cmigroupe.com

CMI Proserpol

More than 40 years of experience in design and turnkey construction of water treatment facilities.

38 boulevard Paul Cézanne
CS60731 – Les Miroirs
78286 Guyancourt Cedex, France
Tél. +33 (0)1 30 45 90 20
proserpol@cmigroupe.com

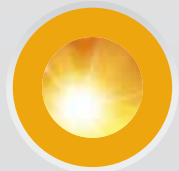


SOLID & WASTES

The Nesa Solution®

Designs and supplies a range of Multiple Hearth Furnaces (MHF) and Vertical Shaft Kilns (VSK).

Avenue Greiner, 1
4100 Seraing, Belgique
Tél. +32 (0)4 330 20 73
nesa.solution@cmigroupe.com



ENERGY EFFICIENCY

CMI Energy Efficiency

Supports manufacturers in their approach of Energy Performance, from initial audits to the implementation of solutions. Innovation in technologies and methodologies for energy efficiency is at the heart of our strateg.

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