

CNIM Environment Services

*Optimization, maintenance
and revamping of Waste-to-Energy plants*



Our commitment to you

In partnership with the most renowned waste management companies during the past decades, CNIM Environment Services offers a very wide range of services all over the world.

CNIM Environment Services is expert in every aspect and component of Waste-to-Energy process.

In addition to our technological and engineering skills, we:

- are a responsive organization, capable of acting to meet very tight deadlines.
- provide rigorous management of both human and material resources.

CNIM Environment Services guarantees both environmental and economic optimization of your facility, maximizing performances, efficiency and reliability.

The three fundamental aspects of the organization of CNIM Environment Services:

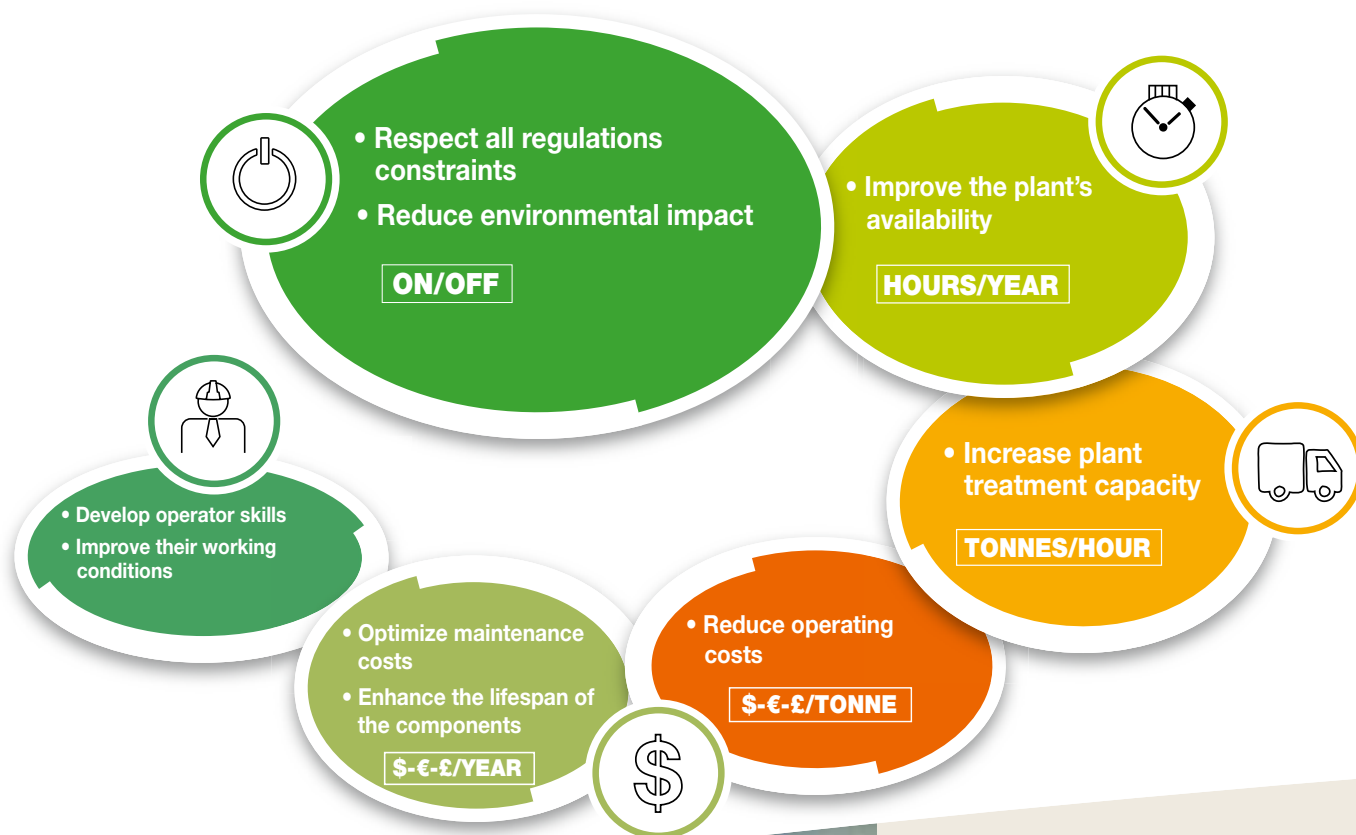


CNIM Environment Services provides services based on over 60 years' experience of CNIM in Waste-to-Energy technologies.



Our approach to service

CNIM Environment Services assists you every step of the way in improving your installations' profitability by an innovative and global approach based on Best Available Techniques:



The strength of a Group whose expertise and resources come together to work with **all types of fuels** and **all brands** of Waste-to-Energy equipment!

Our resources



Our expertise, our resources and our dedicated organization mean we can offer efficient solutions within extremely tight deadlines.

TROUBLESHOOTING

For over 30 years, our experts have been relying on our Test Center. It has its own testing equipment, both in the lab and on site. **We have cemented partnerships** with academic consultants in every area of expertise: at the Universities of Copenhagen, Vienna, Toulon, Madrid and many more.

1

PROJECT

A dedicated project team is assigned to turnkey projects to optimize installations (expertise, engineering, project management, on-site work and final commissioning).

2

SUPPORT

We strengthen the operators' skills and optimize their working environment, using:

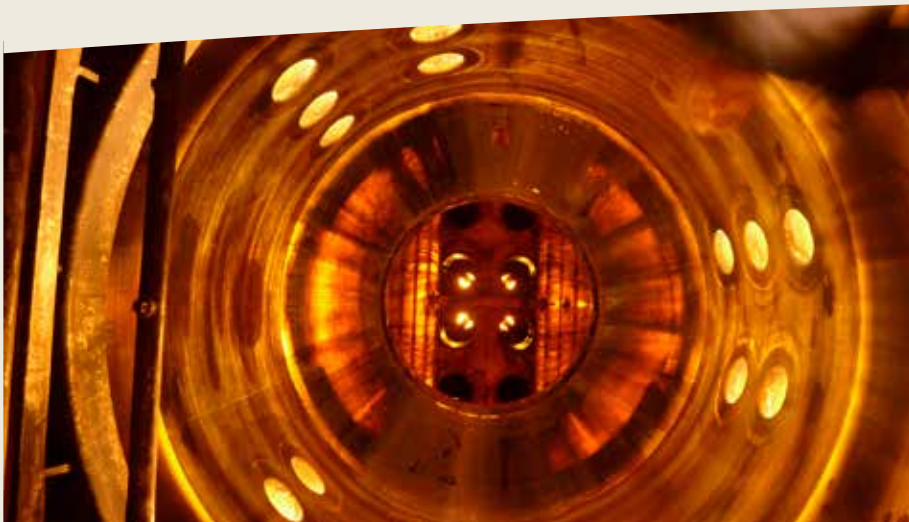
- "Customized" training,
- "Remote Control Assistance" for ongoing professional support,
- Improving the ergonomics of the workstations and buildings.

4

MAINTENANCE

The maintenance team handles the management and supply of spare parts, the planning and execution of the maintenance work ("Full Maintenance Concept").

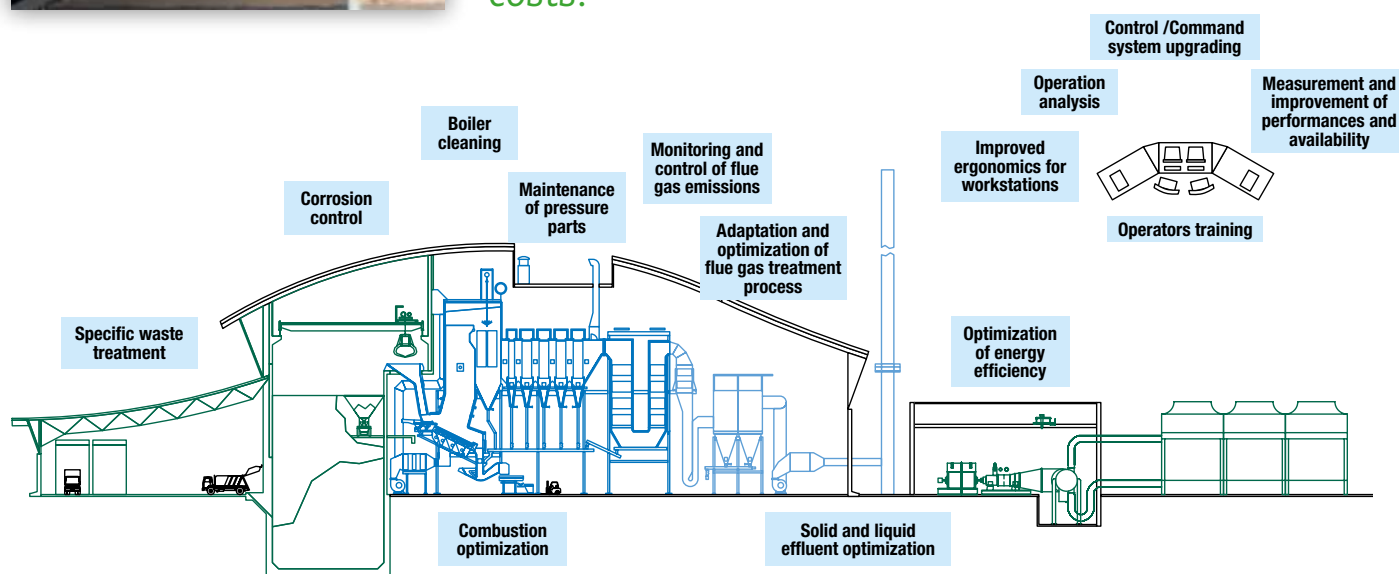
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Our solutions and services

Our solutions and services improve the performances of your installations, making them compliant with the new environmental requirements. They also improve their availability and drive down their operating and maintenance costs.



CURATIVE SOLUTIONS

- 1** Troubleshooting
- 2** Assessment, adjustment and curative Remote Control Assistance
- 3** Upgrading
 - a. Instrumentation
 - b. Operation logic and control-command
 - c. Components and equipment
- 4** Facility retrofit to comply with standards and regulation

PREVENTIVE SOLUTIONS

- 1** Preventive Remote Control Assistance
- 2** Boiler cleaning (strategy, physical/chemical methods, micro-explosion blasting, etc.)
- 3** Replacement of boiler pressure parts
- 4** Auditing of flue gas treatment systems (dry, semi-dry or wet)
- 5** Control of catalyst residual activity
- 6** Adaptation of equipment with modification of the process
- 7** Maintenance strategy and operation procedures
- 8** Full Maintenance Concept
- 9** Supply of spare parts and accessories
- 10** Training, ergonomics and continuing support

Our commercial installations

With the aim of maximum reactivity, CNIM Environment Services uses a network of CNIM Group agencies and entities working locally with customers all over the world.

CNIM Environment Services organizes your ongoing support as quickly as possible.

The ISO 9001, ISO 14001, and OHSAS 18001 certifications and the certified security framework MASE mean we can offer a well-suited service of quality, health and safety commitments of the highest order.

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