



2024

ZERO LANDFILL

PROJECT



maatGroup



ZERO
LANDFILL

AmatGroup COMPANY

Fortunately, social sensitivity in business development and citizen concern for environmental deterioration are increasing.

Faced with this situation, CORPORATE SOCIAL RESPONSIBILITY is presented as a way to establish the balance between company and society.

INTRODUCCIÓN



ZERO
LANDFILL

OUR ETHICAL PRINCIPLES AND VALUES

One of the fundamental values that inspires and guides the actions of ZERO LANDFILL is to offer innovative and quality services, mainly environmental, that contribute to sustainable development, adding value to our clients, shareholders and members.

OUR COMMITMENT

As environmental engineering consultants and outsourcing specialists in sustainability, we provide advisory services, training and procedures to companies or public administrations in any matter that involves this matter, including the design and construction of power plants. Among others:

- Basic engineering.
- Conceptual Engineering.
- Process engineering.
- Mechanical Engineering.
- Electric engineering.
- Civil Engineering.
- Instrumentation and Control Engineering.
- Implementation of quality and environmental management systems.
- Waste management and treatment processes.
- EPC and EPCM projects.
- Design software.
- 3D Modelling and Digital Twin.
- Authorisations.
- Training.

Regarding Outsourcing:

- In house.
- Off-Site.
- Off-Shoring, Both from ZERO and through our collaborates, it allows the companies that hire us to invest their energies and resources in key areas, promotes cost reduction, optimizes processes, creates an environment of innovation, provides technology that is sometimes not accessible to the contracted company



OUR COMMITMENT



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LEAD

Our CEO, MR. JIMÉNEZ GARCÍA, Project Developer, responsible for providing resources and establishing the times of each plan.

His experience of almost two decades, in logistics and distribution of hydrocarbons in different oil companies, ensures the success of the supply of raw materials resulting from the pyrolysis processes of the plants installed and / or operated by our organization.

DIRECTOR PRODUCTION

MIGUEL ÁNGEL MONTES, as Director of Production in terms of Industrial Machinery and Equipment, will ensure the implementation of the auxiliary equipment necessary for feeding the pyrolysis plants, both in end-of-life tyres, as well as plastics and slurry.

His extensive experience in the manufacture of industrial machinery will be extremely important in the development of new technologies that allow the recycling and/or recovery of the largest type of waste, both urban and industrial.

The national implementation of it as well as in the American market will allow us to internationalize new projects in the field of waste

- The Financial Planning and Control Department is directed by Asunción Tapia, with more than 15 years of experience in financial responsibility positions.

RESOURCE APPLICATION, RECYCLING AND RECOVERY

As an Application of Resources, Recycling and Recovery.

SANTOS ASENSIO AGÜERA has provided us, since 1988, with its long experience in recycling, from construction waste (RCD,s) through fixed and mobile plants, to plastic waste. Civil and Public Works, Technical Demolitions, Soil Decontamination, Drafting of Engineering Projects, Management and Execution. Sealing and Closure for the recovery of biogas from organic landfills.

His extensive experience in waste recovery gave him the opportunity, as Co-Promoter, in the projection of the largest biotechnological and environmental complex to be located on an area of 50,000 m² within the Sidi Khettab Technology Park in the province of RELIZANE, (Algeria).

DIGITAL MARKETING AND GRAPHIC DESIGN

The Department of Digital Marketing and Design, through its manager DAVID RIVERA ASENSIO, will explore, create and deliver value to the company to satisfy the needs of the market.

His long experience as a Graphic Designer gives us added value.

PLANNING AND FINANCIAL CONTROL

The Financial Planning and Control Department is directed by ASUNCIÓN TAPIA, with more than 15 years of experience in financial responsibility positions.

OUR HUMAN CAPITAL



Our Sales Department is made up of four managers geographically located in different countries and/or continents.

CENTRA AMERICA, NORTH AMERICA AND ENGLAND

NOEL QUINLIVAN is responsible for Central America, North America and England.

His project portfolio includes five plastic waste treatment plants through pyrolysis for the City of Mexico City. His primary objective is not only economic performance but also environmental performance.

Other companies dedicated to energy, within the US, are interested in the implementation of pyrolysis plants fed by plastic waste and end-of-life tyres, both for private capital companies and public capital. Their locations, Pennsylvania, New York, South Carolina, and Colorado.

SOUTH AMERICA AND SPAIN

For Spain and South America, ADRIÁN ORIA, with three installations already approved in the Basque Country and more than thirty projects under study for Spain, Brazil, Colombia, Puerto Rico and the Dominican Republic.

EUROPE AND FRANCE

PIERRE THEBAUD is responsible for France and Europe.

His currently studying projects for four French groups:

- Avril Group (animal and plant production, agrofuels).
- LDC Group (European leader in poultry production)
- Grupo SATAR, (cold transport company).
- Rougeline Group, (French leader in greenhouse vegetable production).

COMERCIAL MANAGER

JAIME MARÍA SEGOVIA is our commercial manager specializing in the treatment of manure from cows, pigs and poultry. He adds his own patents through his company.

Currently, with more than 20 projects in Spanish territory, in collaboration with our pyrolysis technology, we produce pyrolytic oil and Biochar, the latter highly appreciated by farmers in organic farming.

QUARTERMASTER SUBJECTS RESULTING PREMIUMS

In logistics management of the raw materials resulting from the process, oil, gas and black smoke, we have FRANCISCO REVUELTA, with more than 15 years of experience in the transportation of hydrocarbons.

DEPARTMENT MAINTENANCE

The Maintenance Department is directed by MIGUEL VALLE, with extensive experience in industrial plants, as well as in training SAT teams for each country.

DEPARTMENT LEGAL

RAFAEL CARVALHO is in charge of Mercantil's Legal Department. His extensive experience of more than 30 years endorse him.



OUR VISION |

At ZERO we want to be the leader of reference, in continuous growth, applying the knowledge acquired, together with the ability to solve problems in the implementation of projects.



OUR MISSION

We work to offer innovative, sustainable and quality solutions that contribute to improve the surroundings, the environment and the safety of people, with the commitment to ensure a better world for future generations. We also work with the purpose of generating and distributing value to all our stakeholders.

OUR PHILOSOPHY

It's summarized as follows:

Commitment to society, in terms of awareness, information and training, in order to recover the waste in the best state of recovery after use.

Commitment to minimize the environmental impact of waste through treatment and recovery processes.

Commitment to the prevention of risks for the population and for the environment in the use, handling, storage and transport of waste.

Proactive search for innovative and proven solutions that maximize the recovery of waste and the protection of the environment and people.

Ethical and responsible management of the environment.

Offer a high quality service based on the identification of the needs and expectations of our customers.

On this basis, we share the following values:

- Health and safety: We have the unequivocal commitment to promote and provide a safe and accident-free work environment.
- Orientation to results: We work to achieve our objectives and satisfy our clients, promoting the responsibility of each one of our employees.
- Environmentally sustainable: We prioritize recycling and/or recovery, and the reuse of materials and energy, thus contributing to the circular economy.
- Growth: We promote the entrepreneurial spirit of our employees to motivate innovation and growth, key factors for success.
- Talent development: Our assets do not work without our employees, suppliers and outsourced personnel, so we are committed to attracting, developing and retaining the right talent for the company.
- Customer Service: We adopt a proactive and transparent relationship with our customers to help them solve both immediate and long-term problems.

THE RESIDUE (RESOURCE)

Based on the premise that the best waste is the one that is not generated, we must avoid the generation of waste, reducing its degree of danger and minimizing the impact it causes on the environment. The decisions made by the industrial sector and in the management, conception and manufacture of products are key in preventing waste and reducing the damage that it may cause to the environment.

Depending on the type of polymer, we could say that the performance of one KG of plastic would be equivalent to a liter of fuel, a liquid part (Synoil), a gaseous part (Syngas) and a final solid called black carbon.

In different proportions with respect to plastics, it would happen with tyres out of use.

From ZERO we have a firm commitment to the study and development of different technologies that allow us to extend the life of matter converted into waste (resource).

Through our pyrolysis plants, the residue is reprocessed in order to generate a new product, material or substance. A new cycle begins.

It is clear that the brain of the Circular Economy is transformative design. Its heart is to recycle.

Recycling and keeping resources in a permanent cycle is not entirely possible today. It can be affirmed that there are thermodynamic limits to recycling. In addition, the quality of the resource used repeatedly deteriorates (downcycling). A virtuous circle is when the transformation produces an enriching effect (upcycling).

EL RESIDUO (RECURSO)



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