

ALTO IMPACTO ECOIMSA

Capacity expansion and improvements of the facilities of Ecologica Ibérica y Mediterránea, S.A.

Case Study

THE CHALLENGE: In July 2021, the concession on which ECOIMSA is located on the land of the Port Authority of Barcelona (APB) ended. To continue, ECOIMSA needed to extend the concession period. Project is presented with an increase in surface area and activity.

Furthermore, in October 2020, the APB granted a new concession to ECOIMSA, to be able to continue carrying out its activity for a period of 16 years, extendable with 2 extensions of 3.5 more years. This concession project involves making an investment of more than €16 million.

In January 2022, the APB approves the new project for the new ECOIMSA concession. In parallel, ECOIMSA renews its environmental authorization, obtaining in 2021, the environmental authorization B1CS170536 and requests a non-substantial change in the same 2021, CNS B1CNS210386, which contains the execution of the investment planned in the concession authorization project.

THE SOLUTION: ECOIMSA invests in new equipment for its facilities for increase and improve their products and services offered. The main objectives of the project are listed below with the aim of covering environmental and market needs, reducing atmospheric emissions, greater specialization, and adaptation to customer requirements:

- Increase capacity of the hydrocarbon line to be able to materially recover 100,000 mt/year of fuel waste, complying with the end-of-life condition of waste according to Ministerial Order OM APM 206/2018 and RD 61/2006. ECOIMSA Barcelona is the only facility in Catalonia adapted to comply with Ministerial Order APM 206/2018 and RD 61/2006, that is, with the capacity to produce fuel following state regulations on waste end-of-life conditions.
- Increase the capacity and improve quality of the biological treatment line, incorporating tertiary treatments to be able to provide the facility with the capacity to discharge its wastewater with discharge standards above what the European standards set according to IMPLEMENTATION DECISION (EU) 2018/1147, which establishes the conclusions on the best available techniques (BAT). in waste treatment.
- Increase physicochemical treatment line with new reactors, to promote material recovery
- Modify stabilization line to incorporate preparation processes for energy recovery.
- Connect ECOIMSA's activity with 32-G and 33-B berths of the Port of Barcelona to provide the facility with the capacity to import hydrocarbon waste, as well as export fuel products by sea.

BENEFITS: With this project ECOIMSA aims to give sustainability to its activity by becoming a plant where waste is seen as a resource, and where the latest legal environmental standards are established.

COST: 3.505.950€

DURATION: 2 Years

CREW MEMBERS: Engineering department, technical department and ECOIMSA cre.

Invesmet subsidy of 200.00€

Supported by



Technical Department



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