



CIRCULAR ECONOMY: CASES IN AN INTEGRAL WASTE MANAGEMENT COMPANY

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Charge of Innovation in Treatment and Waste Disposal

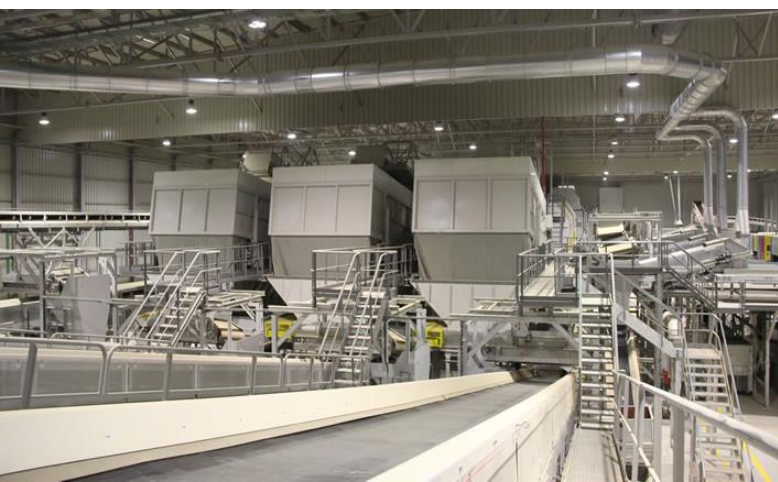


year **1900**

year **2019**



S.A. Agricultores de la Vega de Valencia



MAIN ACTIVITIES

- ✓ Urban Services
- ✓ Integral Water Cycle
- ✓ Waste Transportation and Disposal
- ✓ Conservation of Natural Spaces
- ✓ Landscaping
- ✓ Integral Maintenance and Cleaning of Buildings

CIRCULAR ECONOMY Since 1900



- Almost 120 years ago SAV was already recovering and recycling garbage in Valencia to fertilize the fields
- In 1967 promotes Valenciana Fertilizer Company
- The facilities are expanded, with the objective of COMPOST production and byproduct recovery



CIRCULAR ECONOMY



CDW REUSE PROCESS IN A PLANT OF NHW



SELECTED AGGREGATES

- Ceramic composition without metals or plastics
- Particle size 20-100 mm
- No existence of fines

Objectives

- Waste minimization by use of recycled materials
- Optimizing use of natural resources
- In situ study the viability of the experiment

Experimental Plan

- Search for LoW (European List of Waste) codes
- Selection of recycled material for roads
- In situ tests for the construction of temporary road



ECONOMÍA CIRCULAR



PlastiCircle

<http://plasticircle.eu/>

- From 2017 to 2021
- Smart containers
- Profitable Transportation Systems
- New Recycled Plastic Products
- Reinvent the way we treat plastic containers

WaysTUP!

<https://cordis.europa.eu/project/rcn/222536/factsheet/en>

- From 2019 to 2023
- Valorization of organic waste (meat and fish)
- Functional ingredients (antioxidants, flavors, etc.)



Horizon 2020
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WaysTUP!





THANK YOU FOR YOUR
ATTENTION

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