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Interplasp: leaders in the manufacture of polyurethane foam



endurance
green accelerator for EU clusters

CONTEXT AND OBJECTIVE

Interplasp is a foam manufacturing company strongly committed to sustainability and environmental protection. For over a decade, the company has invested in R&D to implement greener technologies and processes.

Environmental awareness is central to every business decision they make. Their main objective is to reduce waste at source: cutting their carbon footprint and incorporating recycled polyols into their production is proof of that.

IMPACT

- Significant reduction of toxic emissions and water usage, minimizing the company's environmental footprint.
- Safer working conditions, since reduced chemical risks also lower the chances of fire and health hazards.
- Higher-quality and safer products for customers, free of harmful substances.
- Enhanced market differentiation through sustainability as a core business value.
- Creation of a resilient business model that balances profitability with environmental responsibility.

DESCRIPTION OF BEST PRACTICE

- Adoption of the VPF (Variable Pressure Foaming) system, which reduces CO₂ and methylene chloride emissions almost to zero and drastically decreases water consumption.
- Integration of recycled polyols into foam production without compromising quality.
- Implementation of digitalization tools to monitor and control chemical reactions inside and outside the reactor, making the process more stable and predictable.
- Acquisition of several environmental certifications (AENOR CO₂, CertiPUR, OEKO-TEX) to validate eco-friendly production standards.
- Focus on continuous process improvement and strategic decision-making oriented toward long-term sustainability rather than short-term profit

REPLICABILITY POTENTIAL

Interplasp's practices can be replicated by other companies in the chemical, materials, and manufacturing sectors. The key factor is finding the right balance between economic viability and sustainability investments. With proper adaptation, the use of recycled inputs, advanced foaming technologies, and digital monitoring can inspire similar transitions across industries

QUICK FACTS

- **Organisation:** Interplasp
- **Location:** Yecla, Spain
- **Sector:** Polyurethane foam
- **Focus:** Sustainable Industrial Production, Eco-innovation
- **Sustainable Development Goals:**



- **European Green Deal Area:** Climate, Industry, Research and Innovation
- **Keywords:** #SustainableFoam #GreenInnovation #CircularEconomy #SustainableIndustry

MORE INFO

Access the website [here](#).