

Specific challenge

Business intelligence for the circular economy of waste and textile products

Type of challenge

Process

Technology

Business

Product

Key words

#IA #Business Intelligence #Big data

Description

A network of 1,200 sensorized containers in the Basque Country collects textile and other waste, supported by a traceable fleet. Two treatment plants (Bizkaia and Valencia) and transfer centres (Vitoria and Gipuzkoa) ensure traceability of output flows (reuse, recycling, recovery). Additionally, 20 second-hand clothing stores operate with digital points of sale.

How could we

We use unstructured information storage systems, and currently are in the process of implementing ERP (Microsoft Business Central). We also use FACTORIAL as our human resources application. We need to merge all business information (collection, processing, stores, personnel, support for social and labour market integration) for monitoring and decision-making regarding the traceability of all products and their use, with the support of artificial intelligence assistants to detect faults and possible process optimizations.

Specific restrictions or requirements

Consultancy for process digitalization: identifying and determining processes and information flows, methods and implementation planning.
 Implementation of cloud-based and multi-user IT solutions.
 Programming and configuration of specific or customized modules.
 Design of reports and notifications. Adaptation of functions to smartphone/tablet terminals.
 Data migration.
 Use of AI assistants.
 Training for key Kooperera personnel.

Profile of the provider we are looking for

Have technical staff available in both Bizkaia and Valencia.

Target indicators

KPI #1 Costs

KPI #2 Commitment

KPI #3 Deadlines