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CATALOGUE OF TECHNOLOGICAL SOLUTIONS FOR SMART TOURIST DESTINATIONS 2022 EDITION, SEGITTUR

## **TELEFÓNICA**

A telecommunications company based on a comprehensive range of services and on the quality of connectivity provided by the best fixed, mobile and broadband networks. It offers a different experience in line with the company's own values and the protection of customer interests.

www.iot.telefonica.com/es/



## **Collaborating member of the Smart Destinations Network**



## WASTE MANAGEMENT

Monitoring the data collected by sensors placed on waste containers and setting up alarms (data analysis about fill levels, temperatures, opening and closing, batteries, fire, spillages, displacement, etc.):

- Improved service operation: Optimal collection routes based on fill levels, optimising resources
- Lower environmental impact: container overflow detection and optimised collection frequency
- Availability of operational information on the service
- **Savings** of 10-15% of collection costs
- Route optimisation: 3-15%

- Better containers and a constantly updated inventory:
  3-18%
- **Less time spent** on planning routes and tasks: 5-15%
- Fuel savings and lower CO<sub>2</sub> emissions: 5-15%
- Savings on maintenance costs: 5-18%
- Reduction of non-productive lost time: 30-60%
- Increased selective collection: 0-30% Detection and removal of black spots: areas with overflows and poor waste separation: up to 85%.

Scope of smart destination application

Technology Sustainability Solutions for destinations in the following areas









Type of solution





