



# Waste Management Solutions

On-board electronics, telemetry, IoT and AI applied to harvesting, service quality and data traceability.

Hardware

Software

IOT





## Electronic systems Waste Management

ALMEC supplies electronic automation systems for refuse collection vehicles and specialised mobile vehicles.



## Digital platform and service development

Diaboard enables advanced telemetry, monitoring and remote diagnostics for vehicles, fleets and assets.



## Design experience

ALMEC provides hardware and software for vehicles to integrate data collection, weighing and cloud services.



**Real-time data.**



**CAN telemetry.**



**Vehicle monitoring.**



**Smart data collection. Real-time data.**

# Smart bins and sensors



**Fill level**



**Temperature  
and fermentation**



**Opening and use**



**Geolocation**

# Dynamic route planning and optimisation



Real-time optimised routes



Dynamic adaptation to traffic and unforeseen circumstances



Fewer kilometres, greater efficiency



Lower emissions, greater sustainability



## Estimated savings from the service



# Machine vision

for the inspection of deliveries



**Content  
acknowledgment**



**Contamination  
analysis**



**Decision-making  
support**





# From hardware design to service management

ALMEC covers the entire data supply chain in the waste sector

