



iot²

**Smart Waste
Management Platform**
digitally transforming
Saudi Arabia's waste
operations

we appreciate your interest in our Smart Waste Management solution

who are we?

A joint venture between Saudi Arabia's Public Investment Fund (PIF) and stc Group. To accelerate the adoption of IoT technologies in Saudi Arabia and the region.

Aims to provide "one-stop-shop" IoT solutions across verticals such as smart cities, logistics, manufacturing, mobility, and public services.

what is waste management?

The platform connects the entire waste management process collecting, processing, and recycling into one digital operating system. We assist cities, operators, and single facilities to watch waste, improve service quality, and meet sustainability goals.

what you get?

compliance made easy:

Always up-to-date with national laws and reporting.



full lifecycle management:

Controlled digitally everywhere waste goes - collection, recycling, and the landfill.



real-time visibility:

Manage everything from bins, trucks, and operations to service providers using one dashboard - the control center.



smart optimization:

AI-guided planning of the best routes and insights into the waste flow.



citizen & beneficiary tools:

Users are qualified to make requests, check progress and get involved in the recycling process.



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who it's for?

- City and Government Agencies
- Privately Owned Estates and Giga Cities
- Waste Handling and Recycling Plants
- Manufacturing and Business Regions

what is the proven impact?

- Over 3.3 million tons of waste controlled digitally
- Bin-related complaints reduced by 80%
- Over 98,000 violations detected
- A single platform is utilized by more than 80 municipalities

case study:

Smarter Waste Management with iot squared

Over the past 3 years, iot squared has transformed waste management for a medium-sized municipality digitizing every step of the journey across residential, commercial, and construction sectors.

Through smart bins, real-time truck tracking, and a unified digital platform, municipalities achieved:

- 80% improvement in operational plan adherence
- 50% fewer waste bin complaints
- 23% overall reduction in waste-related issues

With 4,500+ e-contracts, 5,000 beneficiaries, and 98K violations processed, iot squared continues to redefine efficiency and sustainability in municipal waste operations.

let's
connect



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