

West London Waste

Treating waste as a valuable resource

CASE STUDY - iWDMS

**WEST
LONDON
WASTE AUTHORITY**

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INTRODUCTION

West London Waste Authority (WLWA) engaged OpenSky to help achieve UK & EU waste targets through the implementation of iWDMS (Integrated Waste Data Management System).

The innovative solution delivers accurate, real-time and measurable waste data – as well as security, compliance and confidence for waste authorities.

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SITUATION

West London Waste Authority (WLWA) is a forward-thinking statutory waste disposal authority (WDA), responsible for the disposal, management and monitoring of waste collected by the London Boroughs of Brent, Ealing, Harrow, Hillingdon, Hounslow, and Richmond upon Thames.

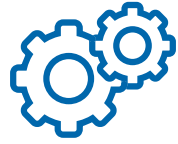
They required a system to aid them in improving their waste strategy, reducing landfill, and increasing recycling – by providing clean and valid data, supporting production of reports such as waste data flow (WDF).

OpenSky and WLWA teams worked closely to successfully automate waste disposal processes on one digital platform.

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SOLUTION & KEY FEATURES



CUSTOMISED CLOUD BASED SYSTEM



REAL-TIME INSIGHTS & DATA TRACKING



STANDARD & CUSTOMISED REPORTS



CONFIGURABLE REPORTING TO SUPPORT WASTE DATA FLOW (WDF) TONNAGES

OpenSky's iWDMS is a unique custom-built cloud-based system allowing for the gathering, transformation, management and reporting of data relating to the movement of waste from collection to disposal.

The iWDMS solution automates WLWA's waste data management processes and reduces the dependency on key people for the management of their in-house processes.

The tracking of waste in a single system, aids both WLWA and its partner boroughs with a platform for real-time, easily accessible, strategic and operational management information for decision making.

One of the key objectives of the iWDMS implementation was to ensure high levels of productivity by reducing the reliance of time-consuming manual data entry.

BENEFITS



INCREASED PRODUCTIVITY & REDUCED COSTS



ROBUST REPORTING & HIGHLY SCALABLE



CLEAN & ACCURATE DATA



REDUCES KEY PERSON DEPENDENCIES

The iWDMS solution has streamlined processes while saving a significant number of days in administration every month. The system provides standard and specialised reports such as vehicle reports, waste reports, contractor reports and WDF reporting as well as functionality for users to design and customise their own reports and dashboards.

As waste management processes are automated by iWDMS, the system can run many of the daily operations automatically. This reduces the reliance of knowledge transfer by key waste staff, enabling seamless operational continuity in the event of staff changes

While iWDMS was customised to meet the requirements of WLWA's business operations at the time of the project launch, the system is highly scalable for future customisation and added functionality, in-line with WLWA's changing requirements.

OVERVIEW

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ORGANISATION

West London Waste Authority (WLWA)

CUSTOMER PROFILE

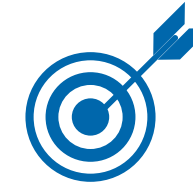
WLWA is a statutory waste authority responsible for disposing of the waste collected by boroughs from 1.7 million residents and delivering it to the three waste transfer stations run by the waste authority.

INDUSTRY

Public Sector

COUNTRY/REGION

England/UK



BUSINESS CHALLENGE

WLWA required a system to aid them in improving their waste strategy, reducing landfill, and increasing recycling – by providing clean and valid data, supporting production of WDF reports amongst others.



SOLUTION DESCRIPTION

Installation and configuration of iWDMS in-line with WLWA's specific requirements. The solution needed to facilitate the tracking of waste from collection to disposal with accurate tracking results for reporting, planning and decision-making purposes.

BENEFITS

- Increased Productivity & Reduced Costs
- Clean & Accurate Data
- Robust Reporting & Highly Scalable
- Reduces Key Person Dependencies

KEY SERVICES

- Solution Development
- Fully Hosted Solution
- Managed Enterprise Support Services

TECHNOLOGIES

- Microsoft Windows Server
- Microsoft .NET Framework
- Microsoft SQL Server Services
- Microsoft Analysis Services/Power BI



TESTIMONIAL

"OpenSky's iWDMS is an essential system for informing collective strategy and delivering waste services to 1.7 million residents in 6 London boroughs. It provides the foundation for extensive management information used by both WLWA and boroughs."

JAY PATEL
FINANCE DIRECTOR
WEST LONDON WASTE AUTHORITY

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