

Case Study

Driving Sustainability Through Innovation at Dubai Waste Management Company

Advancing eco-friendly solutions with smart waste technologies implemented by Trident.



Industry: Waste Management & Renewable Energy
Location: UAE
Solution Implemented: Microsoft Dynamics 365 Business Central



ABOUT CUSTOMER

In the heart of Dubai’s sustainability drive, Dubai Waste Management Company (DWMC) plays a pivotal role in turning waste into energy while maintaining environmental and economic responsibility. Tasked with the monumental challenge of managing urban waste and converting it into a sustainable power source, DWMC needed a modern solution to handle operational complexity, cost-efficiency, and long-term economic contribution to the UAE.

CHALLENGES

DWMC faced several mission-critical issues across its operations:

- **High Operational Costs:** Traditional methods lacked cost-efficiency, threatening long-term financial sustainability.
- **Manual Financial Processes:** Heavy reliance on Excel for all financial records led to inefficiency and errors.
- **Inefficient Inventory Management:** Difficulty in tracking waste material movement caused delays and wastage.
- **Project Complexity:** Managing construction milestones and budgets across currencies was difficult to control and monitor.
- **Energy Generation Demands:** Meeting immediate surges in energy demand required automation and real-time control.
- **Loan Management Complexity:** The company needed end-to-end management of various loans, from drawdowns to repayments.

SOLUTION IMPLEMENTED

Trident Information Systems deployed a tailored solution using **Microsoft Dynamics 365 Business Central**:

- **Finance Management:** Real-time cost tracking, budget control, and automation of financial processes
- **Purchase Module:** Centralized tracking of expenses and vendor invoices
- **Loan Management:** Customized lifecycle for drawdowns, interest, and repayments
- **Inventory Control:** Streamlined waste flow, supplier collaboration, and analytics
- **Project Management:** Multi-currency budgeting, budget vs. actuals, and IFRIC 12 compliance
- **Sales Module:** Simplified customer invoicing
- **Financial Reporting:** Automated reports including P&L, Balance Sheet, VAT, and Cash Flow

BENEFITS TO CUSTOMER

- **Real-Time Financial Control:** Automated workflows eliminated manual effort and reduced errors
- **Improved Cost Efficiency:** Budget tracking and loan oversight reduced unnecessary expenditures
- **Optimized Inventory:** Better control over waste flow enhanced resource utilization
- **Streamlined Projects:** Multi-currency budget tracking improved capital project oversight
- **Compliance and Reporting:** Financial reports now generated directly from the system, eliminating Excel dependency
- **Scalable Operations:** DWMC is now equipped to meet rising energy demands with confidence

CUSTOMER TESTIMONIAL



“Trident’s implementation of Microsoft Dynamics 365 Business Central has streamlined our operations—from finance to inventory and loans. We’re now more efficient, cost-effective, and aligned with Dubai’s sustainability goals.”

— Head of Operations, Dubai Waste Management Company (DWMC)

TRIDENT INFORMATION SYSTEMS



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