



COSMO Environmental Services
Based on Microsoft Dynamics
365 for Finance and Supply
Chain Management





Highlights

- Extended mapping of business partners and relationships
- Contract management including mapping of industry-typical material and cash flows
- Order processing for incoming and outgoing material flows
- Container management (monitoring and business evaluation)
- Long- and short-term transport planning
- Integrated weigh scale solution
- Recording of sorting, recycling and production processes
- Seamless integration into the Microsoft product standard
- Mobility, process automation and evaluations through Microsoft Power-Platform

COSMO ENVIRONMENTAL SERVICES

The environmental, waste management, and recycling sector is growing steadily, with market leaders achieving long-term growth rates of 30% over the past five years. With the market looking at recycled materials and waste products as a valuable resource on a global scale, companies are shifting towards becoming full-service providers by tapping into new business areas.

All this while struggling with intensified regional and international waste legislation and reporting requirements. Reverse logistics companies today require leading-edge ERP solutions which

reflect the needs of a continuously changing industry. **COSMO Environmental Services** builds upon Microsoft Dynamics 365 for Finance and Supply Chain Management, Microsoft's strategic ERP offering, bringing reverse logistics, waste management and recycling functions to an integrated solution-package. The functional scope of **COSMO Environmental Services** can be expanded by integrating third-party systems for route optimisation, telematics and customer portal solutions to meet customer requirements. Our proven track record of successful implementations and dedicated team of industry experts, make COSMO CONSULT a preferred partner for growing your business.



INDUSTRY CHALLENGES

Waste Mangement

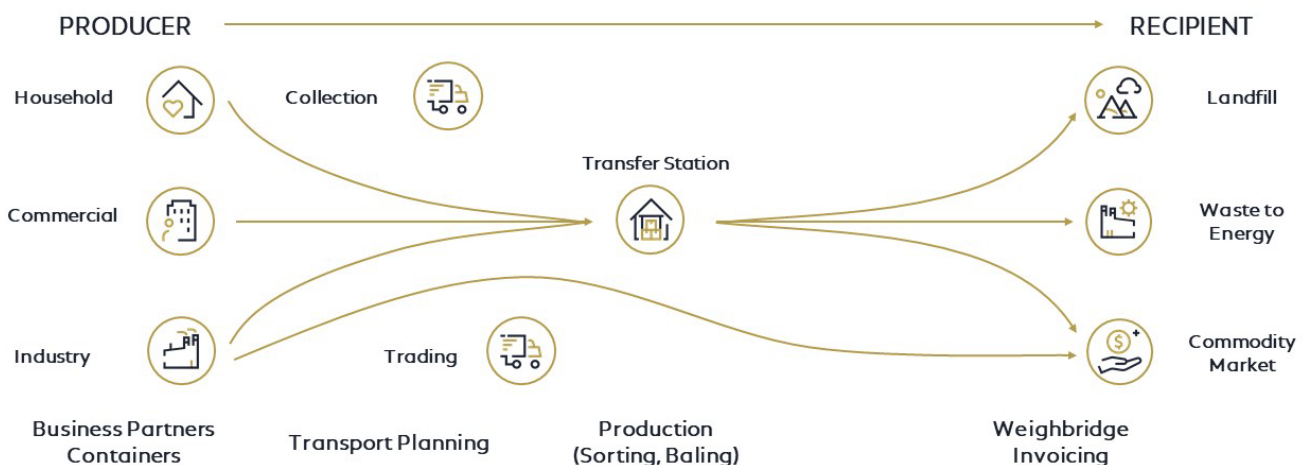
- Reverse logistics: Revenue from incoming material and costs for outgoing material flows
- Container rental (bins, skips, etc.) to business partners
- Planning of long and short-term waste collection routes, vehicles and personnel
- Weighing of truckloads - allocation of weight to individual pickup locations
- Country-specific mandatory waste reporting

Dangerous waste

- Tracking of dangerous waste including its chemical-composition
- Managing batches of materials and waste profiles
- Different legal classification systems (EWC, ADR, NFPA, GHS)

Recycling Industry

- Refinement of materials (shredding, sorting, processing)
- Import and export of waste and refined goods





03

BENEFITS

Contract Management

- Agreements for incoming and outgoing material-flows
- Easy definition of materials, services, containers and rental conditions
- Flexible pricing model
- Contract lifecycle, versioning, and history
- Fulfillment and shipment status control
- Support for flexible templates
- Call center to ensure quick reaction times
- Automated orders based on service schedules

Container Management

- Tracking of containers, skips, drums, etc.
- Container inventory
- Customer/vendor/business partner container status
- Container transaction history
- Integrated container rental based on actual days
- Support for unique identification (bar codes, RFID, etc.)

Transport Management

- Intuitive route planning board
- Long-term and day-to-day planning
- Distance and time estimation Freight cost calculation
- Planning for carriers/hauliers
- Integration into contract management
- Integration to external route planning and optimization systems possible*
- Integration to telematics and on-board systems possible*

*Requires third-party solution and development

Weighbridge

- Weighbridge directly integrated into Dynamics 365 for Finance and Supply Chain Management
- Weighing from single packages to entire truckloads
- Automatic weight split to multiple orders
- Material reclassification
- Entry control procedures
- Rejected entry management
- Support for quality-based deductions (moisture, impurities, etc.)

Legal requirements

- European waste catalog
- OECD/Basel code lists
- UN numbers and hazard characterization
- ADR classifications
- GHS hazard labels and statements
- NFPA classification
- Prepared for local reporting enhancements

The many years of expertise and knowledge of dealing with Microsoft Dynamics 365 for Finance and Supply Chain Management from the basis of our range of services.

Our consultants understand the industry and inject their extensive experience of the relevant requirements into our solution bundle.

COSMO CONSULT introductory model and many years of experience in the implementation of ERP-Systems in the waste and recycling sector guarantee your project success.

Berlin • Bielefeld • Bremen • Dresden • Frankfurt • Hamburg • Hannover
Köln • Leipzig • Magdeburg • Mannheim • München • Münster
Neumarkt in der Oberpfalz • Nürnberg • Stuttgart • Würzburg

Austria • Chile • China • Columbia • Ecuador • France • Germany • Hungary
Mexico • Panama • Peru • Romania • Spain • Sweden • Switzerland

www.cosmoconsult.com