

PROPOSAL FOR

Waste to Energy



Clean
Environment



Sustainable
Solution



Renewable
Energy



Better Future
for Our Community



“ From Waste Today,
Clean Energy Tomorrow.



SMARTER OPERATIONS CLEANER FUTURE

Integrated Vehicle, Waste, Bin
& Financial Management



LIVE TRACKING



SMART BIN
MANAGEMENT



FUEL & REFUEL
MANAGEMENT



VEHICLE
MAINTENANCE



ACCOUNTS &
BILLING



REAL-TIME
REPORTS



Welcome back, Admin!

Here's what's happening with your fleet today.

May 11, 2024

+ Add New



Total Vehicles

25

All Vehicles



Active Vehicles

18

On Route



Total Bins

1,248

In System



Collections Today

945

75.8% Completed



Fuel Efficiency

5.62

KM / Ltr

LIVE MAP OVERVIEW

- On Route
- Pending
- Alert
- Offline



FLEET STATUS



- On Route 18 (72%)
- Pending 4 (16%)
- Alert 2 (8%)
- Offline 1 (4%)

RECENT ALERTS

3



Missed Collection
Bin ID: BN-1023

10:15 AM



Fuel Level Low
Vehicle: TRK-02

09:45 AM



Maintenance Due
Vehicle: TRK-05

09:20 AM

[View All Alerts >](#)



Plan Route
Optimize Collection



Manage Bins
Add / Update Bins



Generate Report
View & Export



Maintenance
Schedule Service



Fuel Usage
View Summary



FUEL & REFUELING MANAGEMENT

Complete control over fuel consumption & refueling operations

-  **FUEL MONITORING**
Track fuel level and consumption in real-time
-  **REFUELING TRACK**
Record every refueling with details
-  **FUEL EFFICIENCY**
Improve mileage and reduce operational cost
-  **THEFT & ANOMALY ALERTS**
Get notified for unusual fuel activities
-  **COST CONTROL**
Analyze fuel cost and optimize budget



LAST REFUELING

	Vehicle ID	TRK-05	Quantity	80.00 Ltr
	Driver	Rajib Hasan	Amount	₹ 7,200.00
	Date & Time	May 11, 2024 08:45 AM	Odometer	25,430 KM
	Fuel Type	Diesel	Location	Gulshan, Dhaka

 **TOTAL FUEL COST**
₹ 1,245,800
This Month



 **TOTAL CONSUMPTION**
12,458 Ltr
This Month



 **AVG. FUEL EFFICIENCY**
5.62 KM/L
This Month



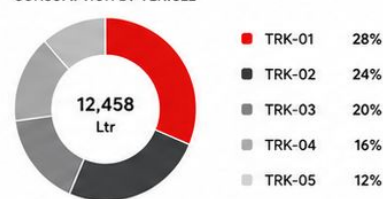
 **TOTAL REFUELING**
48
This Month



FUEL CONSUMPTION TREND



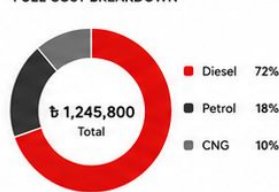
CONSUMPTION BY VEHICLE



FUEL LEVEL STATUS



FUEL COST BREAKDOWN



ALERTS

-  High Fuel Consumption
TRK-03 | 10:15 AM
-  Fuel Level Low
TRK-05 | 09:40 AM
-  Refueling Required
TRK-02 | 09:10 AM


REAL-TIME MONITORING
Live fuel level and consumption tracking


REFUELING HISTORY
Complete refueling log and history

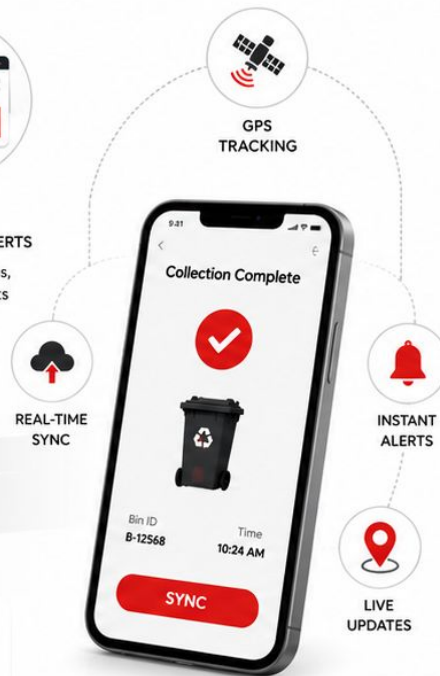

FUEL ANALYTICS
Data-driven insights and reporting


RULES & POLICIES
Set fuel usage rules and thresholds


SMART ALERTS
Instant alerts for unusual activities


COST OPTIMIZATION
Reduce cost and increase operational efficiency

SMARTER WASTE COLLECTION



OPTIMIZED ROUTES
Maximum efficiency
& reduced cost



LOWER FUEL USAGE
Smarter routes,
lower emissions



100% TRANSPARENCY
Track every bin,
every collection



CLEANER COMMUNITY
On-time collection for
a better environment



BETTER PERFORMANCE
Real-time insights
drive better results

Smart Bin with Dynamic QR Code

Each bin has a unique, dynamic QR code for easy identification, tracking and real-time management.



Unique Identification

Every bin has a unique dynamic QR code.



Real-time Tracking

Track bin status, location and fill level in real-time.



Smart & Secure

Dynamic QR ensures data security and accuracy.



Instant Alerts

Get notified for full bins and maintenance.



Dynamic QR Code

QR code changes dynamically to prevent duplication and ensure security.

Key Features



Dynamic QR Code

QR code updates dynamically for better security and accuracy.



Bin Identification

Easily identify each bin by scanning the QR code.



Fill Level Monitoring

Monitor bin fill level and receive alerts when full.



Collection Management

Optimize collection routes and schedules efficiently.



Location Tracking

Track bin location and movement in real-time.



Data & Reports

Get insights and reports for better waste management.



Efficient Operations

Streamline collection and reduce manual work.



Cost Saving

Optimize routes and reduce operational cost.



Better Environment

Promote a cleaner and greener environment.



Timely Alerts

Get notified for full bins and maintenance.



Bin Inspection System

Empowering inspectors to verify bins, ensure quality standards, and maintain cleaner, smarter cities.



Bin Verification

Verify bin identity using QR code and location.



Quality Check

Inspect bin condition, cleanliness and functionality.



Photo Evidence

Capture and upload photos as proof of inspection.



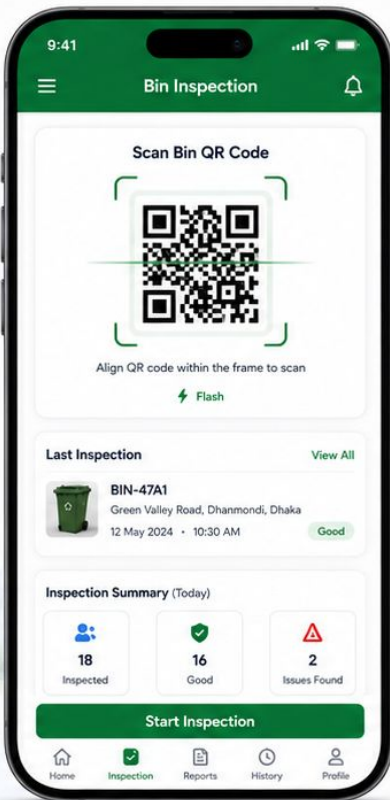
Real-time Reporting

Submit inspection reports instantly with GPS and timestamps.



Performance Tracking

Monitor inspection history, scores and actions taken.



Inspection Checklist

- ☒ Bin is Present
- ☒ Bin is Accessible
- ☒ Bin is Clean
- ☒ No Overflow
- ☒ Wheels/Parts OK
- ☒ Lid Working Properly
- ☐ Any Damage

Bin Information

Bin ID	BIN-47A1
Location	Green Valley Road, Dhanmondi, Dhaka
Bin Type	General Waste Bin
Capacity	240 Liter
Assigned Route	R-12
Installed On	15 Jan 2024

Inspection Result

☒ **Good**
Bin is in good condition

☒ **Issue Found**
Action required

Comments

Lid hinge is damaged.

Photos



Submit Report

Inspection Workflow



Live Dashboard



Key Benefits

- Ensure operational standards
- Improve accountability
- Real-time data and insights
- Better decision making



COMPACT. SMART. CLEANER STREETS.

Smart EV solution for
door-to-door waste collection



100% ELECTRIC
Zero Emission



LOW NOISE
Quieter Operation



COST EFFECTIVE
Lower Operating Cost



COMPACT DESIGN
Access Narrow Streets



ECO FRIENDLY
Sustainable Future



ROUTE ASSIGNED
to Driver



WASTE COLLECTED
from Households



DATA CAPTURED
in Mobile App



REAL-TIME SYNC
to Cloud



TRACK & ANALYZE
Performance



OPTIMIZED ROUTES
Save Time & Fuel



LONG BATTERY LIFE
More Runs, Less Charge



DURABLE & RELIABLE
Built for Daily Operations



BETTER SERVICE
Cleaner Community



Accounts Management

Smart. Simple. Secure.

Key Features



Customer Management

Manage all customer information, contracts and subscription plans in one place.



Invoice Generation

Create and send professional invoices automatically with custom templates.



Payment Management

Track payments, record receipts, and manage multiple payment methods.



Due & Overdue Tracking

Monitor due dates, send automated reminders, and track overdue invoices.



Reports & Analytics

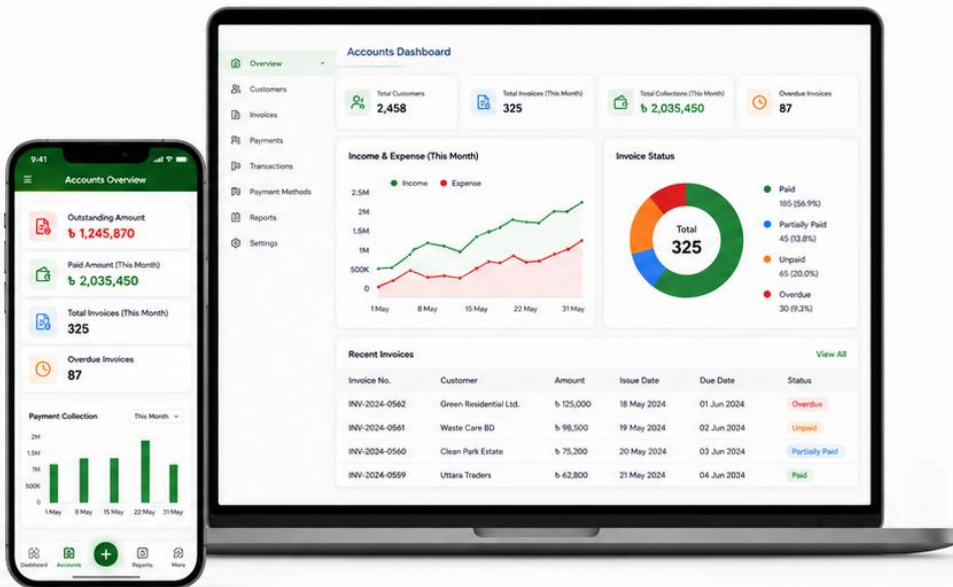
Get real-time financial reports and insights to make smarter business decisions.



Tax & Compliance

Manage tax settings, VAT, and maintain compliance with local regulations.

Our Accounts module streamlines financial operations, automates billing, and provides real-time insights to help you manage revenue efficiently.



Benefits



Improved Cash Flow

Timely invoicing and payment tracking ensure better cash flow management.



Save Time

Automate billing and reminders to reduce manual work and errors.



Better Visibility

Real-time insights into income, expenses and outstanding balances.



Reduce Defaults

Automated reminders and due tracking help reduce late payments.



Secure & Reliable

Your financial data is always secure, backed up and accessible.



Data Security

Bank-level security to protect your data



Cloud Based

Access your accounts from anywhere, anytime



Auto Backup

Automatic data backup for complete peace of mind



Role Based Access

Granular access control for your team



Audit Trail

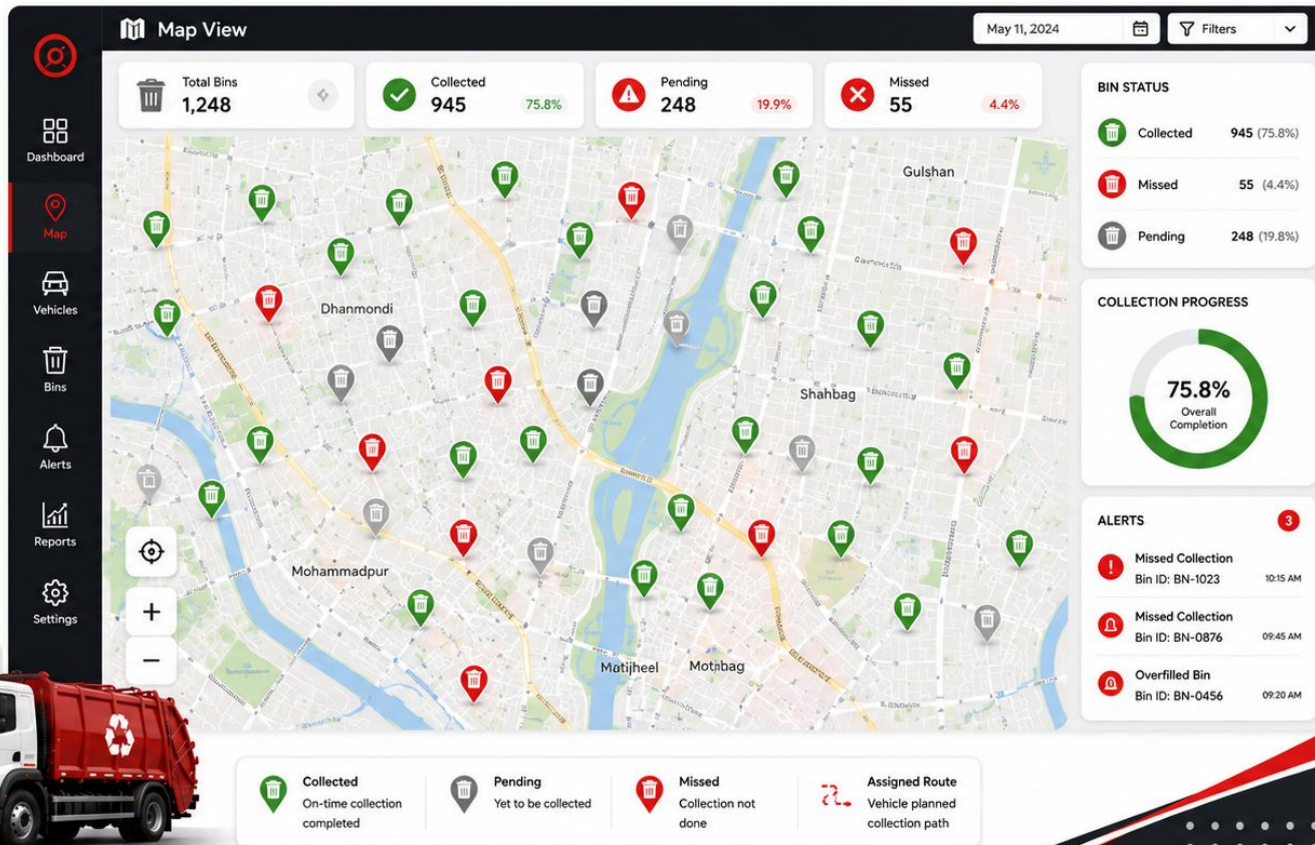
Track every transaction with activity logs



BIN MONITORING LIVE MAP OVERVIEW

Real-time bin status and collection insights at a glance

-  **REAL-TIME VISIBILITY**
Live status of every bin on the map
-  **SMART ALERTS**
Get notified for missed collections
-  **COLLECTION INSIGHTS**
Track performance and improve efficiency
-  **LOCATION ACCURACY**
GPS enabled bin locations with high accuracy



Complaint Screen

Easily raise any issue or complaint and get real-time updates on its status.



Easy & Quick

Submit your complaint in just a few taps.



Real-time Updates

Track the status of your complaint in real-time.



Secure & Private

Your data and complaints are always secure.



Instant Notifications

Get notified on every important update.

9:41

← Raise Complaint

1 2 3
Complaint Details Review Submitted

Complaint Category

✖ Service Issue

Vehicle (Optional)

🚚 Truck - DHAKA METRO-TA-11-1234

Complaint Title

Delay in Service

Description

My pickup was scheduled for 10 May 2024 at 10:00 AM but the vehicle arrived at 12:30 PM. This caused a significant delay in my delivery.

128/500

Upload Photos (Optional)

📷 📷 📷 Add More

Preferred Contact Method

☒ In-App ☐ Phone Call

Next: Review Complaint

9:41

← Raise Complaint

1 2 3
Complaint Details Review Submitted

Review Your Complaint

✖ Category Service Issue

🚚 Vehicle Truck - DHAKA METRO-TA-11-1234

📄 Title Delay in Service

📄 Description My pickup was scheduled for 10 May 2024 at 10:00 AM but the vehicle arrived at 12:30 PM. This caused a significant delay in my delivery.

📷 Photos

📷 📷 📷 +2

🗣️ Contact Method In-App

Submit Complaint

Edit Complaint

9:41

← Raise Complaint

1 2 3
Complaint Details Review Submitted

👍

Complaint Submitted!

Your complaint has been submitted successfully.

Complaint ID
CMP-2024-1254

Submitted On
10 May 2024, 12:30 PM

We will update you soon.

View Complaint Status

Go to Home

Key Features



Multiple Categories

Choose from different categories to describe your issue.



Photo Upload

Upload images to explain the issue better.



Track Status

Track your complaint status in real-time.



Support Assistance

Our support team is always ready to help.



10K+

Happy Customers



25K+

Payments Made



5K+

Complaints Resolved



99.9%

Secure Transactions



Staff, User Role & Access Management

Manage your team, define roles and control access with ease and security



Staff Management

Add, manage and organize staff information easily in one place.



User Roles

Create and manage custom roles for different positions and responsibilities.



Access Control

Set module and data level permissions to ensure the right access for the right users.



Permission Management

Grant or restrict access to features, data and actions based on roles.



Activity Monitoring

Track user activities and access logs for better transparency and security.



Right People. Right Access. Better Security.



Thank You!

— for your time and consideration. —

We wish you the very best of luck in your journey towards a
Cleaner, Greener and **Sustainable Future.**

to make Waste to Energy a success story for the community and
a model for the future.



Good
Luck



Smart
Technology



Sustainable
Tomorrow



Better
Community



“ From Waste Today,
Clean Energy Tomorrow. ”