



# METAGREEN

## MIDDLE EAST FZ LLC

SMART SOLUTIONS, SUSTAINABLE IMPACT



اصنع في الإمارات  
**MAKE IT**  
IN THE EMIRATES

[www.metagreen.ae](http://www.metagreen.ae)





*“ Engineering trusted solutions for fuel, transport, and industrial needs – built with safety, precision, and global standards ”*

## **About Us**

**Metagreen Middle East FZ LLC** is a UAE-based engineering and manufacturing company specializing in advanced fuel stations, storage tanks, transport tankers, rigid body works and industrial solutions. We are committed to delivering high-quality, engineered products that meet the operational needs of various industries globally.

### **Our expertise includes:**

- **Mobile & Portable Fuel Stations** – Vehicle-mounted and skid-mounted units for reliable, on-site refueling.
- **Tanker Trucks & Trailers** – Fabrication of fuel tankers, water tankers, and bulk transport vehicles.
- **Tipper & Dumpers** – Heavy-duty vehicles engineered for construction and material handling.
- **Hazardous Goods Transport Vehicles** – Certified solutions for safe and compliant movement of flammable and pressurized fuels.
- **Pressure Vessels & Industrial Tanks** – Horizontal, vertical, and skid-mounted Tanks designed and fabricated in accordance with ASME and API standards.
- **Fleet Management Systems** – Integrated hardware and software for monitoring and optimizing fuel distribution.
- **Oil & Water Separation Systems** – Environmental solutions for efficient waste management and liquid treatment.

To ensure the highest level of quality and safety, all our products are manufactured in compliance with **UL, ASME, and API standards**. This commitment to internationally recognized norms ensuring performance, safety, and regulatory approval across markets

Our mission is to provide engineering solutions that drive **efficiency, reliability and sustainability**. With a focus on **innovation and customer satisfaction**, Metagreen Middle East FZ LLC continues to grow as a trusted partner in industrial manufacturing.





# OUR PRODUCTS AND SERVICES



## Deluxe Bus Mobile Fuel Station

- Fully integrated mobile fuel station built on a rigid chassis for operations in remote or off-grid locations.
- 20,000 L dual-compartment tank with 8 dispensing nozzles for multi-fuel distribution.
- Designed and manufactured in compliance with ADR, ASME, NFPA, API, and local authority standards.
- Equipped with advanced fire-safety systems for maximum protection.
- Integrated with smart fuel management and monitoring devices for efficient operations.

## Portable Mobile Fuelling Unit

- Built in standard ISO 20ft & 40ft high-cube container sizes for easy transport and mobility.
- Certified for above-ground flammable liquid storage (UL-142 / UL-2085). Available in single or double pump room configurations for flexible operations.
- Portable MFU widely used across fleets, aviation, mining, military, retail stations, and major events.
- ISO Containerized MFU ranges from 25 kLtr to 41 kLtr whereas Portable MFU available in all sizes capacity ranging from 5k to 60k kLtr.
- Fully self-contained and portable – move it, set it, and fuel anywhere.
- Provides a turnkey fueling solution without the need for permanent infrastructure.



## Road Tankers

- Capacity: 5,000L – 80,000L; Customisable
- Material: Steel / Aluminum
- Compartments: Single or Multi
- Safety: Emergency valves, overfill, spill control, Overpressure Vents.
- Bottom & Top Loading/Offloading.
- Designed for fuel, water, and chemical, etc. transport.





## Tipper & Truck Bodies

- Heavy-duty fabrication engineered for demanding industrial and construction applications.
- Hydraulic tipping systems ensure smooth, reliable, and fast unloading operations.
- Available in multiple capacities and configurations to match diverse load requirements.
- Built with high-grade, wear-resistant steel for long service life in harsh conditions.
- Safety-focused design with anti-slip surfaces and secure locking mechanisms.
- Customizable layouts for aggregates, bulk cargo, or specialized applications.
- Reinforced structure optimized for maximum strength and payload efficiency.
- Lightweight yet durable for improved fuel efficiency and operational economy.
- Easy-maintenance access to reduce downtime and service costs.
- Manufactured in compliance with local and international transport standards.



## Water Treatment Systems

- Comprehensive Solutions – Covering filtration, purification, and processing for clean and safe water supply.
- Reverse Osmosis (RO) – Removes dissolved salts, heavy metals, and chemical impurities for high-purity water.
- UV Sterilization & Ozonation – Eliminates bacteria, viruses, and microorganisms without the use of harmful chemicals.
- Multi-Stage Filtration – Sediment, carbon, and micron filters ensure effective removal of dirt, odor, chlorine, and organic matter.
- Softening & De-mineralization – Reduces hardness and scaling for improved equipment performance and water quality.
- Industrial Wastewater Treatment – Advanced systems for oil-water separation & sludge treatment.
- Capacities – Designed to meet residential, commercial, & industrial requirements.
- Certified & Reliable – Manufactured in compliance with international water quality and hygiene standards.





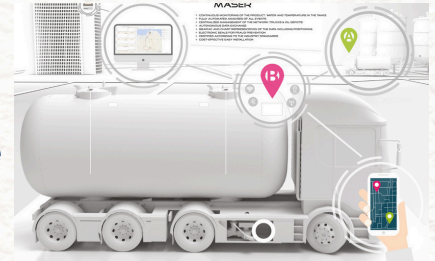


## Fleet Management System

Our advanced Fleet Management System (FMS) ensures complete control, transparency, and security of fuel transportation and distribution. With thousands of units deployed across Europe and the GCC it is designed for the oil & gas, transport, and logistics industries, it integrates real-time monitoring, smart identification, automated reporting, and anti-theft security to eliminate losses and maximize efficiency.

### Tanker Truck Smart Security System (TTS)

- End-to-end monitoring from depot to station.
- $\pm 2$  liters/ton accuracy for product accountability.
- Smart seals & MEMS sensors. for detecting vehicle movement, tilts, and unauthorized access.
- Zero tolerance for theft or fraud.



### Intelligent Data Logger

- Real-time smart tank level & vehicle tracking.
- Detects drops, theft, or disconnection.
- Compact, wireless, and secure.



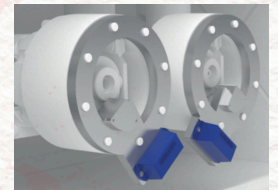
### Smart Fuel Probes

- High-precision, maintenance-free probes with integrated temperature sensors.
- Designed for accuracy & endurance.



### E-Seals

- Wireless, tamper-proof sealing system.
- OTP & AES encryption ensures secure transfer.
- Detects as small as 5 mm & 3° movement.
- ATEX-certified, 10-year battery life.



### Driver & Vehicle Identification (RFID Tags)

- RFID tags & keychains for vehicle/driver authorization.
- Tank Ring & Gun Antenna ensures dispensing only into authorized tanks.

RFID Card & Key Chain Tag



Tank Ring & Nozzle Gun Antenna

### MUVI Tracker

- Records kilometers driven and engine working hours.
- Compact, easy to install, and requires no driver input.
- Provides accurate data for maintenance & planning.



### Mac Fleet Top Terminal (Forecourt Management)

- All-in-one depot automation solution.
- Can manage supply, access control, retail & reporting.
- User-friendly dashboard with real-time monitoring and anomaly detection.



### Card Smart Fleet 4.0

- 24/7 autonomous fleet management.
- Controls fueling, vehicle/driver access, mileage, and washing & tracks through customizable reports for accounting and budgeting.







# METAGREEN

## MIDDLE EAST FZ LLC

We can provide Free Fuel Management service for 6 months as a trial



### Our Notable Projects

- ADNOC Deluxe Type Mobile Fuel Station
- Emarat Containerized Mobile Fuel Station
- ADNOC LPG Cylinder Carrier Trucks
- Emarat Portable Station with Forecourt Management System
- Pyrolysis Reactor Plant
- Sludge Oil Water Separator System



### Our Clients



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### For Business Enquiries

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