

Aden



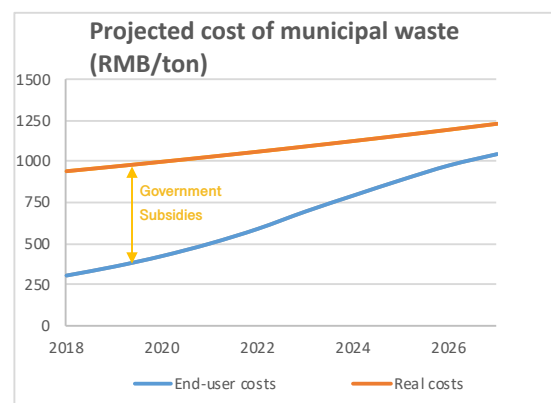
SMART WASTE MANAGEMENT SOLUTIONS

Sustainability starts on-site.



Meeting China's sustainability challenge head on.

Environmental impact has gone from the sidelines of the business world to the frontline. Today, any company that wants to stay relevant needs a clear sustainability strategy and needs to walk the walk. The good news is that with changing needs, rich opportunities have emerged. If your company is ready to make sustainable waste management an integral part of facility operations, the tools are ready and the path ahead is clear.



As subsidies shrink, business costs steadily grow.

New challenges. New opportunities.

BUILD YOUR REPUTATION



A new generation demands companies that match their values.

Showcase your commitment with on-site equipment that boosts recycling rates.

OPTIMIZE YOUR COSTS



The cost of removing waste is steadily increasing.

Transform waste into a cost-efficient, profit-creating asset.

GET COMPLIANT



Governments are enforcing tough new waste regulations.

Instead of paying endless fines, generate profits on-site.

MAKE WASTE TRACEABLE



Supply chain demands increased traceability.

Data tools create transparency and opportunity to generate returns.

WHO WE SERVE



YOUR INDUSTRY. YOUR WASTE CHALLENGES.



Government

Facing stricter regulation, new waste categories and a surge in volume, highly centralized waste systems are struggling to keep up with demand.



Retail

A constant flow of goods means a constant flow of packaging waste. With high volume and limited space comes high recycling and compression needs.



Food Industry

Food processing generates huge quantities of organic waste, which most providers won't (or can't) remove, except at high cost.



Manufacturing & Industrial Park

Big sites mean big organizational headaches and challenges with regulatory compliance.



Hotel

Hotels produce all types of non-hazardous waste at large scale, but many establishments are missing the profit-generating opportunities that exist.



Education

Sustainability must be taught. Unfortunately, learning comes with a high degree of error. Young students tend to mix waste types and need guidance in waste sorting.

YOUR SOLUTION STARTS ON-SITE.

Aden

suez
NWS

WASTE AS A SERVICE

ORGANIC
WASTE

18%

PLASTIC

16%



DRY
WASTE

15%

CARDBOARD

51%



SUSTAINABILITY & COMPLIANCE

Act for the greater good,
while going above and beyond
increasingly strict environmental
regulation.



COST OPTIMIZATION

From a cost to an asset — we help
you generate value from your on-
site waste, **CapEx free**.



TURN-KEY SOLUTIONS

Let our experts get your
equipment installed and running;
let our technicians keep your
equipment in top shape.

DIGITAL MONITORING

Bring transparency and
traceability to every stage
of waste management.

Aden

suez
NWS

SUSTAINABILITY & COMPLIANCE





HOW SUSTAINABLE ARE YOU TODAY?

To know where you're going, you have to know where you stand. We offer an expert-led, top-to-bottom Sustainable Operations Review.

KNOWLEDGE IS POWER.

When we've established a clear picture of your existing waste situation, we help you develop well-defined goals with concrete KPIs and progress that you can measure in real time on our digital platform.

MAKE THE REGULATIONS WORK FOR YOU.

Licensing is a complex business. We take care of your waste approvals and permits. What's more, we help you find opportunities in terms of sustainability subsidies and other incentives.

TRACK AND ANALYZE WITH A DIGITAL EDGE.

We create full transparency through our digital platform. Whether you need data for regulatory compliance or internal business analytics, our solution lets you track your waste quantity, cost, and even the operators handling it. With Aden's award-winning platform AEMO, get information on your whole facility in the blink of an eye.

Aden

 **suez
NWS**



TURN-KEY SOLUTIONS

CONCEPT TO REALITY.

We have you covered for the full scope of planning and operations as you launch your smart waste transformation.

- Technical design
- Technology selection and installation
- Smart financing
- Project management
- Energy optimization

COLLECT & SORT.

Aden's team works at your site to streamline and manage collection for you. Our equipment automates the sorting process and minimizes human error with AI-powered smart cams. Our connected bins will instantly track your total waste and its processing.

A worker in a dark blue jacket and a high-visibility yellow-green vest is seen from the back, looking at large, rectangular bales of compressed plastic waste. The bales are made of clear plastic bottles and contain many colorful bottle caps (red, blue, green, yellow). The background is filled with more of these bales, creating a dense, textured wall of waste. A large, curved green graphic element separates the top image from the text below.

Aden

suez
NWS

GET YOUR WHOLE SITE ON BOARD.

Even the most advanced waste-management technology depends on human engagement and buy-in. Our change management teams work alongside you to ensure cohesive, site-wide buy-in, as well as any needed safety programs.

MAINTAIN & MANAGE.

From waste machinery to smart bins, we manage all of your assets and keep them in top condition with proactive IoT-based predictive maintenance.

WE FINANCE



ZERO CAPEX.

We own all needed technical equipment and give you a single contract for rental, installation and maintenance.

Besides this, you'll minimize your OpEx thanks to Aden's predictive maintenance capacity and continual performance monitoring on our digital platform.

COMPRESS UP TO 96%.

We have comprehensive waste compression and reduction solutions for various waste types. Whatever the type or volume of non-hazardous waste, we'll provide an adaptable, customized solution.

BENEFIT.

Waste doesn't need to go to waste. We'll help you generate more value from your recyclables by making sure that all waste is fully traceable through our digital platform and integrated IoT.

You'll also be able to transform organic waste into clean energy, producing heat and electricity for your site.

DIGITAL MONITORING



AUTOMATE DATA GATHERING.

IoT sensors embedded in your onsite waste collection equipment eliminate human error and high labor costs for waste quantification. Instead, you get a total data map that updates in real time.

MAKE YOUR WASTE TRACEABLE.

Make sure your data is reliable and documented from start to end. Know exactly how much waste you have at any point, what kind of waste and who has handled it. When you have the full picture, you get the full benefit.

GET FULL VALUE.

Make sure collection is responsive to real-time waste levels. Make sure you pay the right price for collection, and profit in full from your value-generating waste.

PROVE YOUR COMPLIANCE.

With strong KPIs and a long data trail, you can stay well ahead of governmental waste regulations and reach for even more ambitious targets.

RECYCLABLE WASTE

WE WILL

Collect & compress your waste.

WE USE

Smart bin intelligent sorting machine

- A fully automated waste sorting machine.
- Combination of air separation drum screen and magnetic separator technologies.
- Make sure your recyclable waste is in the right bin.

Reversible vending machine

- A compaction device for drink containers.
- Reward users with coupons or loyalty cards upon depositing recyclables.
- Increase plastic and aluminum packaging recovery.
- Ensure source segregation quality and resale price.

Internal compression station

- A reduction device for crushing and compressing recyclable paper products.
- Safely dispose of confidential documents.

YOU GET

Profits

Clients go from zero profit on the recyclable waste to a shared profit between Aden-Suezand and them.

HAZARDOUS WASTE

WE WILL

Collect, transport and treat.

HOW

Through our long experience in the hazardous waste treatment we will make sure that both your site and your workers are safe.

YOU GET

- Regulatory compliance
- Safe handling
- Safe transportation

ORGANIC WASTE

WE WILL

Digest and transform your waste

WE USE

Anaerobic digestion container

Each container transforms organic waste for productive use. It also compresses up to 96%, bringing major cost reductions.

YOU GET

Bio-Gas (18%)

Provide employees with warm water and electricity through the working day.

Fertilizer (4%)

Whether you sell, dispose or put to productive use, this will be the only solid product remaining.

Waste Water (78%)

No need to pay for removal – put it down the drain without ecological concern.

1 ton
organic waste
=
5 tons
of hot water
and
200 kWh
of clean energy

DRY WASTE

WE WILL

Minimize dry waste by increasing sorting and change management.

HOW

By training your teams and providing an on-site sorting service, we make sure that you optimize your waste treatment and reduce your residual waste.

YOU GET

Reduced transportation costs

With a compression up to 30%, reduce drastically both your transportation cost and removal cost.

We've joined forces.

Here's why.

Aden and Suez NWS are two companies sharing a common vision. We want to help businesses in every sector take concrete steps on sustainability and build a model of waste management that is as impactful as it is profitable.

Together, we can do more.

Aden can deliver maintenance; on-site presence; expert knowledge of facility operations and a single point of contact for all your facility needs.

Suez NWS can deliver the very latest technologies and equipment for processing and turning waste profitable. Backed by one of the most trusted names in waste management, Suez, it builds on a 160-year legacy in environmental services

Aden

A leader in China's facility management industry



26,000
employees



20+
years in facility
management



1,500
clients in Asia



1
award-winning IoT
platform for FM

SUEZ NWS

The world's leader in waste management



90,000
employees
worldwide



70+
waste & water
projects in China



16m
ton of waste
recovered globally



Top3
waste management
company

THEY TRUST US

- P&G
- Toyota
- BMW
- Samsung
- Huawei

Follow Aden



Aden HQ
218 Xiangyang Road
Xuhui District
Shanghai 200031
China
adenservices.com

Follow Suez



Suez China
5th floor, 338 West Nanjing Road
Tianan Center
Huangpu District
Shanghai, China
suez.com