COMPANY PROFILE

Milestones Centre for Soil Restoration

Qatar's licensed specialist in the decontamination and rehabilitation of contaminated soils and groundwater.

390001	3	8–12	40%
MOECC licensed activity code	Treatment routes in one company	Weeks to typical project closeout	Indicative saving vs disposal

QATAR

EST. 2026

DOHA · STATE OF QATAR

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This profile is prepared for institutional review. Technical figures are sourced and labelled throughout.

Mission & Vision

VISION

To make in-situ treatment the default response to contaminated land in Qatar — restoring soil to use, preserving landfill capacity, and supporting the country's environmental and economic priorities.

MISSION

01 Treat, not relocate

We deliver licensed in-situ and ex-situ treatment that restores soil to beneficial use rather than moving the problem to landfill.

02 Qatari evidence first

Our design assumptions are drawn from Qatar University field trials on local material. International benchmarks are clearly labelled as such.

03 Defensible closure

Every project produces a documented evidence chain from first sample to regulator-accepted closure. Third-party verification is independent.

04 Cost & schedule honesty

We state unit costs, closeout windows and design targets as benchmarks or measured results — never blurring the two.

Mandate and Legal Standing

Milestones Centre for Soil Restoration is a Qatari registered company established in Doha in January 2026 and licensed by the Ministry of Environment and Climate Change under activity code 390001 for the decontamination and rehabilitation of soils and groundwater at pollution sites, on site or off site, by mechanical, chemical or biological methods.

The licence defines the scope of what we do. We are a treatment specialist, and the company exists to close a specific gap in Qatar's environmental market: the country mostly manages contaminated soil almost entirely by moving it, and has very little capacity to treat it in place.

> *Licensed under MOECC Activity Code 390001 — decontamination and rehabilitation of soils and groundwater at pollution sites, on site or off site, by mechanical, chemical or biological methods.*

COMPANY FACT SHEET

LEGAL NAME
Milestones Centre for Soil Restoration

COMMERCIAL REG.
CR 235465

LICENSED ACTIVITY
390001 — Decontamination of soils & groundwater at pollution sites

ESTABLISHED
January 2026, Doha, State of Qatar

REGISTERED OFFICE
Office 1, Floor 4, Building 129, Zone 24, Street 950, Doha

REGULATORY FRAMEWORK
Law 30 of 2002; MOECC ESA Guidelines; ISO 18504

OPERATING STANDARDS
ISO 14001; ISO 45001; QatarEnergy HSE

CONTACT
info@milestonesqatar.com · +974 7134 8818

The Problem We Address

Contaminated land in Qatar is managed mostly through a disposal chain. Hydrocarbon-impacted soils are classified as hazardous waste and routed to landfill, solidification and stabilisation, or incineration at the Mesaieed Hazardous Waste Treatment Centre. Excavation and disposal is priced in the order of 850 Qatari riyals per cubic metre. The contamination leaves the site, and the landfill void is consumed permanently.

Treatment changes the economics and the environmental result. The same soil can be restored in place and returned to use, at materially lower cost and without consuming disposal capacity.

DISPOSAL ROUTE

- 850 QAR / m³ prevailing market rate
- Permanent landfill void consumption
- Soil removed from productive use
- Hazardous waste classification

TREATMENT ROUTE

- ~40% indicative saving vs disposal
- Soil returned to beneficial use
- Landfill capacity preserved
- 8–12 week typical closeout

850 QAR/m³
Disposal unit cost · Mesaieed

40%
Indicative saving vs disposal

8–12 wks
Typical treatment closeout

Source: prevailing market rates, Mesaieed Hazardous Waste Treatment Centre.

Our Services

Milestones delivers all three treatment routes recognised under our licence, together with the investigation and verification work that surrounds them. A single company carrying mechanical, chemical and biological capability can select the route on technical merit rather than on what it happens to own.

01 Site Investigation & Consulting

Phase 1 and Phase 2 Environmental Site Assessment, soil and groundwater sampling, contamination profiling, Remediation Action Plans for MOECC approval.

DUE DILIGENCE · PERMITS · INCIDENT FOLLOW-UP

02 Mechanical Remediation

Soil screening and soil washing, particle size separation, volume reduction.

COARSE DEBRIS-HEAVY SOILS · PRE-TREATMENT

03 Chemical Remediation

In-situ chemical oxidation, stabilisation and immobilisation of contaminants.

TPH · BTEX · METALS · SCHEDULE-BOUND

04 Biological Remediation

Bioremediation, biopiling, landfarming, biostimulation and bioaugmentation.

LARGE-VOLUME HYDROCARBON SOIL · COST-EFFICIENT

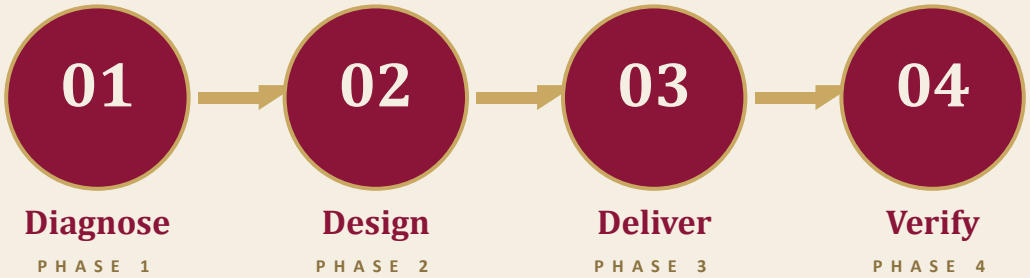
05 Emergency Response & Waste Management

Spill response, contaminated soil excavation, secure transport, disposal to MOECC approved facilities.

INCIDENT CONTAINMENT · NON-TREATMENT FIRST

Delivery Model

Every engagement runs through the same four-phase workflow, with a documented decision gate between each phase. The structure exists so that a regulator reviewing the file can trace the reasoning from initial diagnosis to verified closure without gaps.



PHASE	ACTIVITY	DELIVERABLE & DECISION GATE
01 Diagnose	Desktop historical review, Phase 1 and Phase 2 ESA, sampling to chain of custody through MOECC approved laboratories.	*Contamination profile with laboratory data. Gate: is treatment technically viable, and at what scale?*
02 Design	Treatability assessment, treatment selection, Remediation Action Plan prepared to MOECC ESA Guidelines and ISO 18504.	*Approved RAP. Gate: MOECC acceptance before any field mobilisation.*
03 Deliver	Field execution against the RAP, treatment operations, HSE supervision, progress monitoring against target criteria.	*Treatment records and interim monitoring. Gate: are target criteria being met on trajectory?*
04 Verify	Third-party post-remediation verification sampling, closure reporting, handover documentation.	*Closure report accepted by regulator and site owner. Gate: formal site closure.*

Technical Basis

Remediation proposals in arid, carbonate and hypersaline settings frequently import performance figures from temperate projects where they do not transfer. Our design assumptions are drawn from work carried out on Qatari material, and where we rely on international benchmarks we say so.

Biological treatment performs under Qatari conditions

Field work by Qatar University at the Dukhan dump site and the Al Zubarah coast recorded 53 per cent removal of total petroleum hydrocarbons in biopiles using selected indigenous Bacillus and Pseudomonas strains over 90 days, against 30 per cent by self purification over the same period. The soils were high in salinity and carried weathered petroleum.

Subsurface chemistry favours the biological route

Work by Qatar University and the University of Waterloo measured benzene and naphthalene biodegradation above, across and below the water table on Qatar's eastern coast, under low oxygen and high sulfate conditions supporting sulfate-reducing bacteria. Naturally abundant sulfate acts as an electron-acceptor advantage rather than an obstacle.

TPH removal after 90 days — Qatar University field trial

DESIGN TARGETS	
TPH removal, biopile (90d) *Measured — QU field trial*	**53%**
TPH removal, control (90d) *Measured — same trial*	**30%**
Bioremediation efficiency, 6mo *Intl. benchmark — design target*	**60–80%**
Disposal unit cost *Prevailing rate, Mesaieed*	**850 QAR/m³**
Typical closeout *Design target, site-dependent*	**8–12 wks**

Sectors and Site Types

Contamination in Qatar concentrates around a recognisable set of activities and land uses. Our service design reflects where the material problems sit rather than where the market is easiest to enter. Petroleum hydrocarbons dominate the contaminant profile, which is why biological and chemical treatment carry the greatest weight in our capability.

Tank Farms & Fuel Depots

TPH, BTEX, weathered hydrocarbon in soil and groundwater

BIOLOGICAL + CHEMICAL OXIDATION

Workshops & Maintenance Yards

Lubricating oils, TPH, localised solvent, metals

MECHANICAL + BIOLOGICAL

Pipeline Corridors & Spill Areas

Crude and diesel release, variable weathering

IN SITU BIOLOGICAL · LANDFARMING

Industrial Estates & Logistics Parks

Mixed hydrocarbon and chemical impact, historic fill

TREATABILITY-TESTED ROUTE SET

Redevelopment & Brownfield Land

Legacy fill of unknown provenance, historic land use

INVESTIGATION-LED STAGED

Landfill Margins & Former Disposal

Leachate impact to soil and shallow groundwater

CONTAINMENT + IMMOBILISATION

Ports & Coastal Industrial Land

Hydrocarbon impact with elevated salinity

HYPERSALINE BIOLOGICAL

Quality, Compliance and HSE

Environmental remediation produces a regulatory record as well as a physical result. Where the documentation fails, the remediation fails with it. Our quality system is built around producing a defensible evidence chain from first sample to closure.

CONTROL	APPLICATION
Chain of Custody	GPS referenced sampling, sealed transfer, MOECC approved laboratories, documented custody at every transfer point.
Site-Specific QA/QC Plan	Prepared per project, defining sampling density, duplicate and blank frequency, acceptance criteria and hold points.
Analytical Suite	TPH by carbon banding, BTEX, PAH, VOC and SVOC, heavy metals, soil physicochemical characterisation (pH, EC, organic carbon, moisture).
Verification	Independent third-party post-remediation sampling, separated from the delivery team.
Regulatory Alignment	Law 30 of 2002, MOECC ESA Guidelines, ISO 18504 sustainable remediation, QatarEnergy HSE specifications.
Occupational Safety	Working practices aligned to ISO 45001; environmental management aligned to ISO 14001.
Reporting	Bilingual reporting in Arabic and English, formatted for regulatory handover.

Why Choose Us

Several categories of company operate around contaminated land in Qatar. Each solves part of the problem. The table sets out where we sit against them, stated plainly.

PROVIDER TYPE	WHAT THEY DELIVER	WHERE MILESTONES DIFFERS
Waste transport & disposal contractors	Excavation, haulage, disposal to licensed facilities	*We treat the soil rather than relocating it, preserving landfill capacity and returning land to use*
Environmental consultancies	Assessment, reporting and supervision	*We hold the treatment licence and execute the remediation, not only the study preceding it*
International remediation specialists	Proven technology and global project record	*We hold Qatari licensed standing and contract directly, with technology partners supporting delivery*
General civil contractors	Earthworks capability at scale	*Treatment selection, laboratory interface and regulatory closure are our core discipline, not an adjacent service*

Treat, not relocate | **Qatari licensed standing** | **Defensible closure** | **Cost & schedule honesty**

Five Commitments

How we operate on every project, regardless of size or sector.

I Treat, not relocate.

We treat contaminated soil in place or ex-situ and return it to beneficial use. Disposal is the option of last resort, never the default. Every project preserves landfill capacity for material that genuinely cannot be treated.

II Qatari evidence first.

Our design assumptions are drawn from Qatar University field trials on Qatari material at Dukhan and Al Zubarah. International benchmarks are clearly labelled as such in our reporting. We do not present a benchmark as a measured result.

III Defensible closure.

Every engagement produces a documented evidence chain from first sample to regulator-accepted closure. Third-party verification is independent of the delivery team. The file stands up to regulator review without gaps.

IV Licensed standing, not adjacency.

We hold MOECC activity code 390001 and contract directly. Treatment selection, laboratory interface and regulatory closure are our core discipline, not an adjacent service to earthworks or consulting.

V Cost & schedule honesty.

We state unit costs, closeout windows and design targets as benchmarks or measured results. Where a figure is a design target rather than a measured outcome, we say so. Bilingual reporting in Arabic and English throughout.

Our Team — Leadership & Technical Direction

Senior leadership and technical direction — the executives and specialists setting the Agency's strategy, regulatory posture, and remediation science.

Dr. Lawal Ahmad

CHIEF EXECUTIVE OFFICER

Prof. Rukayyatu Bashir Tukur

EXECUTIVE DIRECTOR

PLANNING & COORDINATION

Hon. Sani Ado Kiri

SENIOR ADVISOR

GOVERNMENT & ENVIRONMENTAL AFFAIRS

Dr. Sani Muazu

EXECUTIVE DIRECTOR

TECHNICAL & CLIMATE SOLUTIONS

Prof. Abdullahi Hassan Gana

EXECUTIVE DIRECTOR

RESEARCH & LAND REHABILITATION

Engineer Muhammad Garba

EXECUTIVE DIRECTOR

SOIL ENGINEERING

Our Team — Operations & Project Team

Operations and delivery — the project managers, specialists, and coordinators who execute engagements in the field and across the documentation chain.

Mr. Henry Mbaziira

Director
OPERATIONS MANAGEMENT

Dr. Abubakar Abdullahi

Director
Geographical Information System

Abdulnasir Ali Said

SENIOR PROJECT OFFICER

Ms. Maryam Saliu

BUSINESS DEVELOPMENT & PROJECTS COORDINATOR

Mr. Enih Moses Chibuike

PROJECT SUPPORT OFFICER
FIELD & LOGISTICS

Lasiu Amira Zanna

PROJECT SUPPORT OFFICER
DOCUMENTATION & DESIGN

Alignment with National Policy

Milestones Centre operates inside Qatar's environmental and economic framework. Our work directly supports Qatar National Vision 2030 across its four pillars, and addresses specific environmental pressures identified in the country's environmental development strategy.

Where we sit in QNV 2030

QNV 2030 names environmental development as one of its four pillars, with explicit reference to maintaining harmony between economic growth and environmental protection. Hydrocarbon-impacted soil is one of the country's largest recurring hazardous waste streams.

By treating it in place rather than relocating it, we reduce pressure on the Mesaieed hazardous waste chain, extend the operating life of licensed disposal capacity, and return land to productive use.

Qatar National Vision 2030

01
Environmental Development

Restores contaminated soil to productive use; preserves landfill void for non-treatable waste.

02
Economic Development

Indicative 40% cost saving versus disposal; locally licensed contractor, Qatari commercial registration.

03
Social Development

Reduces community exposure to contaminated land; supports brownfield redevelopment for housing and public amenities.

04
Human Development

Builds Qatari technical capability in remediation science, working with Qatar University field research.

Partnerships & Clients

As a Qatari-licensed specialist operating since January 2026, we are building a capability network of regulatory, academic, and operational partners. Our partnership approach is built around clear roles: the regulator sets the standard, the academic partner supplies the evidence, the operational partner handles non-treatable streams, and we deliver the treatment.

REGULATOR

Ministry of Environment & Climate Change (MOECC)

Issuing authority for activity code 390001. We submit Remediation Action Plans for acceptance before any field mobilisation.

OPERATIONAL ALIGNMENT

QatarEnergy HSE Specifications

Site operations aligned to QatarEnergy HSE specs. Working practices aligned to ISO 45001 and ISO 14001.

ACADEMIC PARTNER

Qatar University

Source of our biological-treatment design assumptions. Field trials at Dukhan and Al Zubarah recorded 53% TPH removal in 90 days.

DISPOSAL FACILITY

Mesaieed Hazardous Waste Centre

Receives non-treatable residues from our emergency response stream. Disposal is the last-resort option, not the default.

CATEGORY	ENGAGEMENT MODE
Regulatory	Pre-mobilisation acceptance, post-remediation verification, closure reporting
Academic	Joint field trials, design target validation, indigenous strain selection
Operational	HSE specification alignment, technology partner support, disposal-chain integration

Working With Us

Engagements begin with a Phase 1 Environmental Site Assessment or a site-specific request from a site owner, developer, or operator. The process below outlines how to start.

01

Initial Contact

Email info@milestonesqatar.com or call +974 7134 8818. We scope the request against licence scope and confirm whether treatment is the appropriate first response.

02

Site Assessment

Phase 1 and Phase 2 ESA, sampling through MOECC approved laboratories, contamination profile. Decision gate: is treatment technically viable, and at what scale?

03

Remediation Action Plan

Treatment selection and RAP prepared to MOECC ESA Guidelines and ISO 18504. Submitted for MOECC acceptance before any field mobilisation.

04

Field Delivery & Closure

Treatment execution against the RAP, third-party verification sampling, closure reporting and handover documentation. Formal site closure accepted by regulator and owner.

CONTACT

Start a conversation.

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+974 7134 8818

WEB
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Established January 2026 · Doha, State of Qatar

MILESTONES CENTRE FOR SOIL RESTORATION

Thank You.

Restoring soil, preserving capacity, returning land to use.

info@milestonesqatar.com · +974 7134 8818 · milestonesqatar.com

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