



MEET THE SPECIALISTS.

**A FUTURE OF EXCELLENCE IN
DRILLING WASTE MANAGEMENT.**

TWMA.

The world's drilling waste specialist.



CHANGING THE FACE OF DRILLING WASTE.

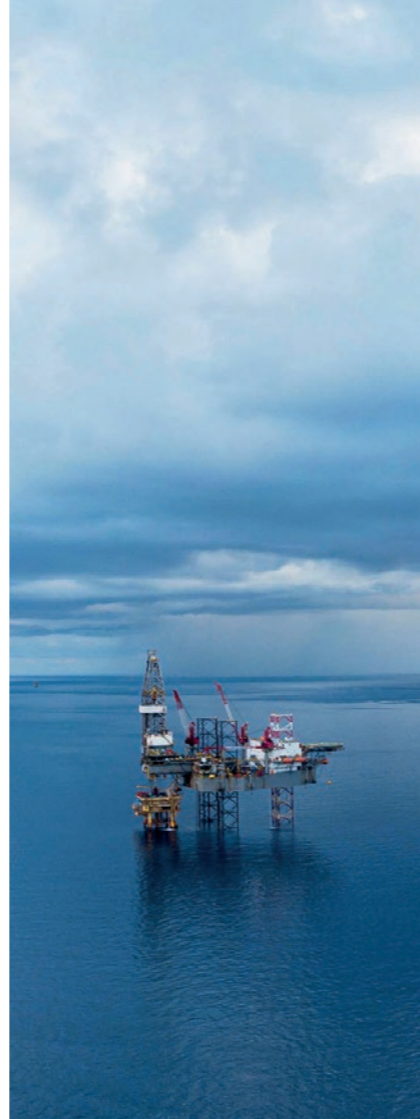
For two decades, we've been changing the face of drilling waste around the globe. Innovating onshore and offshore. Turning local potential into world-class talent. Leading the way when it comes to environmental standards and operational performance.

TWMA started with a simple idea. Not to be the 'Jack of all trades', but the master of one. We saw a part of our sector we knew we could turn around. One part, where compliance could be turned into an opportunity. Where lost time could be turned into profit. Where 'waste' could be turned into value.

That's why we are proudly focused on drilling waste management. Turning its challenges into cost-saving solutions and helping our clients deliver efficient, safe and environmentally friendly drilling performance.

That's what drives our team to this day. To never stop innovating. Perhaps that's why today we're trusted by the best in the energy industry as the drilling waste management specialist.

Operating to the highest standards, as a trusted partner, we keep you compliant, keep your costs down and make your drilling operation future ready.



20 YEARS OF DELIVERING THE GOLD STANDARD.

For 20 years TWMA has been leading the way in processing drilling waste, delivering the gold standard in drill cuttings processing technology and operational excellence, adding value and driving operational efficiencies.

We've processed over a million tons of drill cuttings, saved hundreds of thousands of tons of carbon emissions, and reduced the cost of our customers' drilling projects in the most challenging of environments.

Always looking to move forward, we're continuing to lead the industry with smarter automation, deeper digitisation and even greater value for our customers.

We are the future of safe, clean oilfield operations. Trust the Specialists to minimise your waste logistics, recover valuable base oil or diesel, eliminate waste to landfill and lower your carbon footprint.

1.0M+

tons of drill cuttings processed.

2.5M+

lifts eliminated.

100M+

dollars worth of oil recovered.

80M+

tons of carbon emissions reduced.



STRIVING FOR A SUSTAINABLE PLANET.

TWMA is a world leading provider of sustainability supporting services to the international oil and gas drilling community.

We develop solutions for the safe and efficient transfer, storage and processing of drill cuttings and slops generated from drilling operations.

Our RotoMill® technology uses a process of thermal desorption to separate drill cuttings into their three constituent parts – water, powdered rock and oil that can be returned into the value chain.

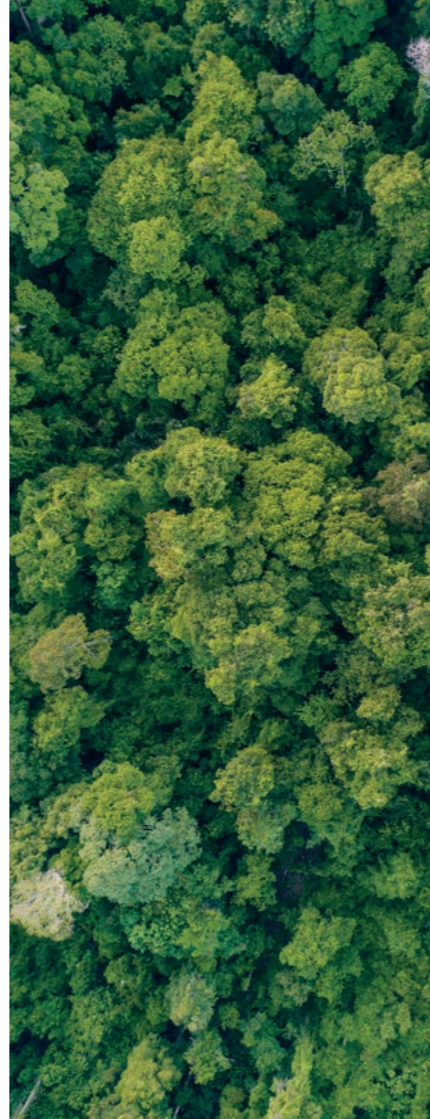
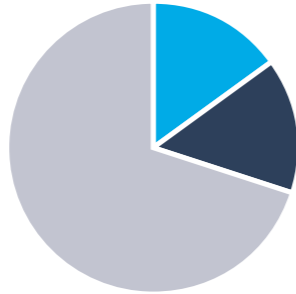
PEOPLE, PLACES AND THE ENVIRONMENT

At the heart of everything we do is a commitment to people, places and the environment. Through our leading technology and by aligning our environmental, social and governance (ESG) policies to relevant UN SDGs and GRI standards, we're making sustainability our core purpose.

70%
POWDERED ROCK

15%
WATER

15%
OIL



DECARBONISING OPERATIONS.

We advocate for Low Carbon Drilling, using our RotoMill technology on-site.

By processing drilling waste at the rig site and removing the logistics chain and carbon dioxide emissions associated with ship to shore operations, emissions are cut by up to 90%.

With results verified by our DNV approved waste management carbon calculator our wellsite processing technology helps operators meet their climate commitments. Waste handling, logistics and wider waste-related costs are also reduced, while keeping people and the environment safer.

2023

56,287 MT

of cuttings processed at the wellsite globally.

15,000 MT

CO₂ eliminated.*

250 MT

NO_x eliminated.*

*Compared with ship to shore operations.

WE'RE MAKING SUSTAINABILITY OUR CORE PURPOSE.



SUSTAINABILITY ACROSS OUR BUSINESS.

In February 2024 we closed a \$62.5 million Sustainability Linked Bond on the Nordic ABM in Oslo, which will support our further expansion in key markets.

To qualify for the Sustainability Linked Bond, we needed third-party validation that our sustainability framework aligned with principles issued by the International Capital Market Association. This included a science-based CO₂ target in line with the 1.5-degree scenario, positioning TWMA as a leader in environmental responsibility within the energy industry.



By Integrating sustainability into our core business strategy, we are not just complying with current regulations but also preparing for future environmental standards. This foresight ensures long-term value creation, positioning TWMA as a leader in an environmentally conscious market.



TECHNOLOGY LEADERS.

We are pioneers in drilling waste management, continually improving and optimising our technology and processes. We have put all our incremental improvements together to launch the RotoMill 2.0.

RotoMill 2.0 is the next generation, low emission RotoMill that promises to deliver operators with an environmentally sustainable wellsite processing solution.

Engineered for the future of drilling waste operations, we have increased the assets efficiency and throughput, while reducing energy consumption, emissions and footprint.

The new standardised design reduces maintenance requirements, installation time and footprint while increasing processing performance.

As part of technology strategy focussed on automation, electrification and digitalisation, XLink™, our new hardware and cloud based software system, is a key feature of RotoMill 2.0.



LEADING THE WAY.

TWMA developed XLink™, an automated and real time monitoring solution that removes manual intervention from the drill cuttings conditioning process. The automated system, which can be controlled remotely, eliminates working from height as personnel can control and monitor the system through human machine interface (HMI) at the wellsite.

As part of the automated solution, a cloud-based system is introduced allowing users to view operations in real time and change project parameters from anywhere in the world.

The new level of operational insight for the operator means that the available drill cuttings storage capacity

can be monitored at the wellsite, allowing informed operational decisions to be made in order to optimise drilling performance.

The solution maximises drilling efficiency, lowers carbon footprint, improves safety performance and reduces the overall cost of the well.

Where possible, we also use local manufacturing providers when new units are required overseas. As an original equipment manufacturer TWMA has the ability to build equipment anywhere globally. Managed through our in-house product development team, we control the design, build, manufacturing and testing of all our market leading technology.



2023

100%

of all RotoMill assets upgraded for remote operation.

2024 year-end target

DEPLOYED

Electric Drive RX2, our New Generation Unit.

SUPPORTING THE CIRCULAR ECONOMY.

At TWMA, drilling waste management is not about waste disposal. To us, it's about seeing how we can bring it back into the value chain.

Our RotoMill solution uses a method of creating heat through friction to separate drill cuttings into their three constituent parts – oil, water and solids – for recycling and reuse.

Recovered base oil can be returned directly into the active mud system or used as a fuel to power the system. This reduces the amount of new oil which needs to be purchased and shipped.

The remaining powdered rock can either be safely discharged or used in concrete, road construction, or plastics.

2023

73,298 MT

drill cuttings processed globally.

71,404 BBL

base oil recovered from drill cuttings.



OUR PEOPLE.

Our employees work across Europe, the Middle East, Africa and the USA. The vast majority of our 750 strong workforce across our regions are local hires, supporting local skills and labour development.

EQUALITY, DIVERSITY AND INCLUSION

It is widely recognised within the energy industry that there has been, and still is, a gender imbalance. We have been actively encouraging more women to join TWMA at all levels, and are pleased to have seen year-on-year increases in the number of women working for us.

In addition, we have increased the proportion of women in managerial roles to 43%. We support our female workforce with policies and training, as well as enhanced maternity pay.

We also promote, enforce and monitor equality and non-discrimination on the basis of sex.

More broadly, we're committed to providing a safe and equitable place to work with our policies across equal opportunities, dignity and respect and recruitment. Our aim is to create a working environment in which all individuals are able to make best use of their skills free from discrimination or harassment. We are committed to supporting work-life balance, including enhanced family-friendly leave and pay, parental leave and flexible working.

Our commitment to service quality, personnel safety and environmental excellence is delivered through compliance with the TWMA Integrated Management System, which is certified to ISO 9001:2015 (Quality),

ISO 14001:2015 (Environment) and ISO 45001:2018 (Occupational Health and Safety).

The system is also aligned to the requirements of API Spec Q2, 1st Edition, 2011 (Quality Service-Supply) Standard and legal obligations.

2023

98.7%

global employee retention rate.

43%

managerial roles held by women.

TRAINING

Our training and competency standards are delivered across our workforce according to role function and position. We consistently meet an 85% target for competency compliance. Likewise we deliver around 31,000 hours of training per year, most recently through our new access learning management system for e-learning content.

We also support and fund our employees in gaining new qualifications on subjects including project management, leadership and management through the Institute of Leadership and Management and business management.

We also promote apprenticeships and traineeships within the business.

2023

85%

competency compliant target – achieved.

95%

training compliance – achieved.

31,000 HRS

training per year.





TURNING YESTERDAY'S WASTE INTO TOMORROW'S PROFIT.

We develop solutions for the safe and efficient transfer, storage and processing of drill cuttings and slops generated from drilling operations.

Our specialist teams ensure clients internationally meet and exceed the demands of local legislation whilst generating significant commercial, environmental and safety benefits in the process.

Working closely with our clients, our in-house engineering teams design, manufacture and install equipment packages specific to client and project requirements, ensuring the most efficient drilling waste solution.

TWMA.

The world's drilling waste specialist.

SPEAK TO OUR SPECIALISTS



sales@twma.com



twma.com

From drawing board to drilling rig, our teams have one mission: to help you turn challenges into solutions and yesterday's waste into tomorrow's profit.

It's why we're trusted by the very best in today's energy industry. Operating to the highest standards, as a trusted partner, we keep you compliant, keep your costs down and make your drilling operation future ready.

