



MATIC ENERGY SOLUTIONS

DRIVING EFFICIENCY, ACCESS, AND INNOVATION:
**EXPLORE OUR SOLUTIONS FOR OIL & GAS,
RENEWABLES AND WORKFORCE**

Company Profile

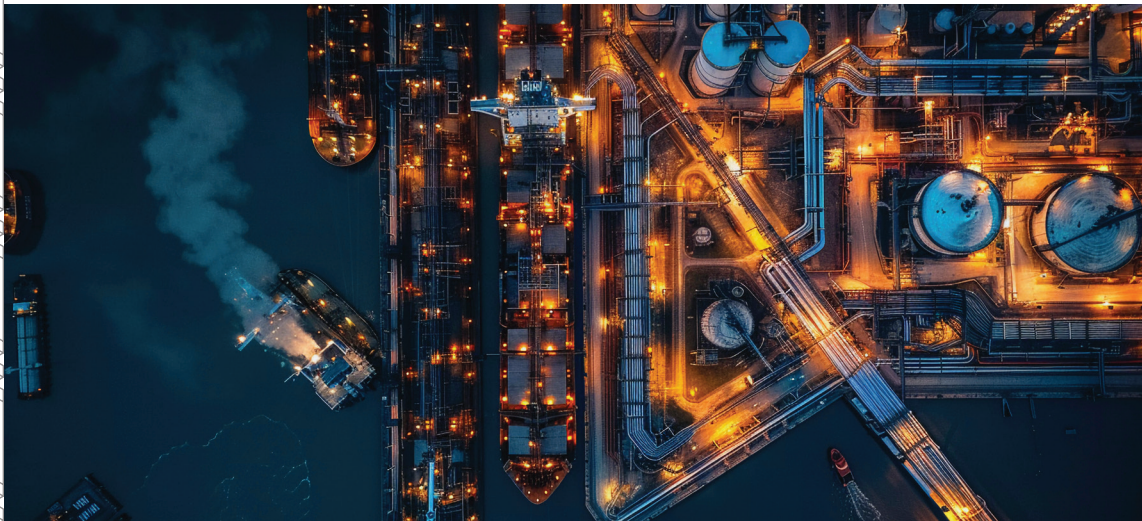


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Company Overview

Matic Energy Solutions (MES) is East Africa's premier provider of integrated energy solutions, combining local expertise with global standards to transform the region's energy landscape. Founded in Uganda, MES is a trusted partner across the full energy spectrum, delivering end to end energy services and solutions that meet the needs of modern energy consumers while advancing sustainable growth.

MES's comprehensive energy solutions, from oil and gas exploration to renewable energy and digital technologies, drive economic growth, environmental stewardship, and social development.

Our commitment to excellence and community-driven impact, positions, MES a compelling choice for investors and stakeholders looking to make a meaningful difference in East Africa's energy future.

Mission - To deliver transformative energy solutions that fuel economic progress, environmental sustainability, and local empowerment across East Africa

Vision - To be East Africa's leading one stop energy partner and a global force in sustainable energy transformation, advancing excellence, innovation, and community impact across the energy value chain.



Our Unique Values

Complete Energy Coverage: MES provides unmatched continuity in energy services, covering every link in the Energy Value Chain. Our all in one approach drives efficiency, cost savings, and streamlined execution, allowing clients to work with a single, trusted partner from concept through to project completion.

Innovation and Digital Transformation: With a commitment to harnessing advanced technology, MES integrates IoT, digital oil fields, predictive maintenance, and smart grid solutions to enhance operational efficiency and minimize environmental impact. Our focus on technology positions us as an industry leader in sustainable energy management.

Sustainability and Community Impact: MES operations are aligned with sustainable development goals, reinforcing our dedication to positive community engagement, workforce development, and environmental stewardship. By blending international standards with local commitment, we drive long term economic and social value.



Comprehensive Service Portfolio

A - OIL AND GAS SOLUTIONS

A. Upstream Services:

In the upstream sector, MES supports oil and gas exploration, drilling, and production with state of the art technologies and services designed to optimize operations, enhance efficiency, and ensure compliance with safety standards.

Key Services Offered;

Advanced Monitoring and Control Solutions

Implementing SCADA, IoT, digital oil wells and data analytics systems for real time monitoring and operational adjustments to optimize production performance.

Predictive Maintenance Services

Utilizing machine learning and condition-based monitoring to predict and prevent equipment failures, minimizing downtime and optimizing maintenance schedules.

Inspection Services

Offering comprehensive inspection solutions to monitor the condition of production assets and prevent failures.

Asset Integrity Maintainance

Managing asset integrity programs designed to maximize asset life, reduce operational risks, and ensure regulatory compliance.

B. Midstream Services:

MES provides advanced solutions for the midstream sector, focusing on pipeline transportation, storage, and distribution systems. Our services are geared toward maximizing operational efficiency and ensuring environmental protection.

Key Services Offered;

Pipeline Optimization Software and Consultation

Offering flow modelling, simulation tools, and scenario analysis to improve pipeline efficiency and ensure the safe and reliable transportation of oil and gas.

Pipeline and Process Services

Providing full support for pipeline construction, commissioning, maintenance, and decommissioning. Our services include cleaning, testing, and optimization to enhance pipeline performance and safety.

Leak Detection & Environmental Protection Solutions

Implementing cutting edge leak detection systems and conducting environmental risk assessments to minimize the impact of potential hazards.

Digital Twin and Simulation

Developing digital twins and simulating operational scenarios to improve decision making, risk management, and operational planning.

Training Services

Offering tailored training programs and emergency response preparation to ensure safe operations and regulatory compliance.

Inspection Services

Conducting regular inspections to assess pipeline integrity and identify areas of potential concern, ensuring the longevity and safety of pipeline systems.

C. Downstream Offerings:

In the downstream sector, MES focuses on improving the efficiency of refining, distribution, and customer delivery networks. Our solutions are designed to streamline operations, reduce energy waste and enhance safety protocols.

Key Services Offered;

Energy Efficiency Optimization

Conducting audits on compressor and pump systems to identify inefficiencies and implement solutions such as heat recovery and waste energy reduction systems.

Demand Forecasting & Load Balancing

Utilizing advanced analytics to forecast energy demand and optimize load balancing across the energy grid to ensure stable and efficient supply.

Automation & Process Intergration

Designing automated systems and centralized control solutions that improve plant performance and streamline operational processes.

Regulatory Compliance & Reporting Automation

Offering automated solutions for environmental reporting, emission tracking, and regulatory compliance to ensure that organizations meet government and industry standards.

Training Services

Providing operational and safety training for teams to ensure compliance and enhance preparedness in the event of an emergency.

Cybersecurity and Data Management

SCADA systems, data analytics, and cyber security measures secure refining and distribution networks, protect operational data, and ensure transparency.



B - RENEWABLE ENERGY SOLUTIONS

MES renewable portfolio contributes to East Africa's transition to clean energy. We provide everything from development and installation to maintenance, advancing energy access across rural and urban areas.

Comprehensive Renewable Energy Portfolio;

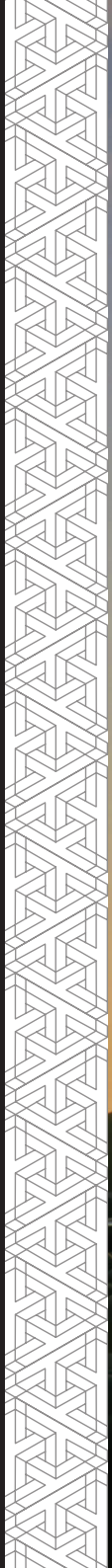
Solar Power - Development and installation of solar photovoltaic (PV) systems to harness clean energy from sunlight.

Wind Power - Wind turbine installations that generate reliable, sustainable electricity.

Bioenergy - Biomass solutions that convert agricultural waste into energy.

Geothermal energy - Utilizing the Earth's internal heat to produce electricity, particularly suited to regions with geothermal potential.

Ocean Energy - Tapping into waves, tides, and ocean currents to generate renewable energy.



C - POWER GENERATION & ENERGY TECHNOLOGIES

1. Thermal and Nuclear Power

Development of thermal and nuclear power plants to diversify East Africa's energy mix and support energy security.

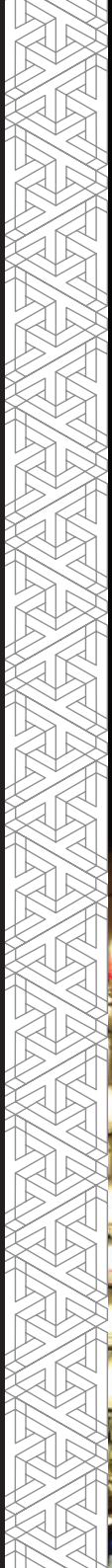
2. Transimission, Distribution and Storage

Grid infrastructure and energy storage solutions that balance supply, increase resilience, and support reliable energy distribution across the region.

3. Carbon Capture , Utilization and Storage (CCUS)

CCUS capabilities that capture and store carbon emissions, supporting environmental goals and regulatory compliance.





D - ADVANCED DIGITAL OIL FIELDS & TECHNOLOGICAL INTEGRATION

1. Digital Oil Fields

IoT enabled monitoring and data analytics optimize production and reduce operational downtime, while predictive maintenance enhances asset longevity and cost efficiency.

2. Digital Twins & Smart Grids

Virtual models and smart grids enable real time, data driven decisions, maximizing operational efficiency, safety, and sustainability across all projects.

3. Carbon Capture , Utilization and Storage (CCUS)

CCUS capabilities that capture and store carbon emissions, supporting environmental goals and regulatory compliance.





E - COMMUNITY DEVELOPMENT & WORKFORCE TRAINING

1. Local Expertise / Content Development

Through targeted training, MES cultivates a skilled, local talent pool equipped to support the region's energy ambitions.

2. Regulatory Compliance & Community Engagement

Ensuring alignment with local standards and building positive relationships with communities where we operate.

3. Outreach & Education

MES promotes energy literacy, raising awareness of sustainable practices to inspire a culture of responsible energy use.

Q AND A



Questions

Why Invest in Matic Energy Solutions?

1. Market Leadership & Proven Performance

MES has a solid track record of executing large scale, complex projects that deliver high returns across East Africa's energy sector. Our success in oil, gas, renewables, and power distribution has made MES a trusted leader, known for its commitment to quality, integrity, and impact.

2. Commitment to Inclusive & Sustainable Growth

MES's sustainable, community centred practices are core to our mission. By aligning with local regulations and fostering regional development, we create lasting value for both investors and the communities we serve. MES's renewable projects play a vital role in building a low carbon, resilient energy infrastructure.

3. Technological Leadership & Future Readiness

By leveraging digital oil fields, predictive maintenance, and smart grids, MES not only meets today's energy demands but is also well prepared for tomorrow's challenges. Our ongoing investment in technology driven solutions maximizes operational efficiency and minimizes environmental impact, offering substantial long term value.



Our Impact

By partnering with Matic Energy Solutions, clients in the oil and gas, Energy Industry will benefit from enhanced operational resilience, reduced environmental impact, optimized cost efficiency, and improved safety. With our suite of specialized services, we support companies in addressing today's challenges while preparing for a sustainable future



Contact

For more information or to discuss how Matic Energy Solutions can assist with your energy distribution needs, please contact us at:

Phone: +256 742 154 718

Email: info@maticenergysolutions.com

Website: www.mes.ug

