

COMPANY PROFILE



WELCOME

Company Profile 2026/30

Great things in business
are never done by one
person. They're done by a
team of people.



Company Profile INTRODUCTION

TechMEPi Engineering is a leading professional engineering firm specializing in MEP building services, with over 18 years of demonstrated expertise. Under the leadership of Francis Wanjohi, a Registered Professional Engineer and Project Manager Professional (PMP)® the company provides comprehensive engineering solutions that combine technical excellence, innovation, and practical project delivery.

Our services span a wide range of sectors, including commercial, industrial, hospitality and residential projects. We are committed to delivering high-quality MEP systems that prioritize efficiency, safety, sustainability, and long-term performance.

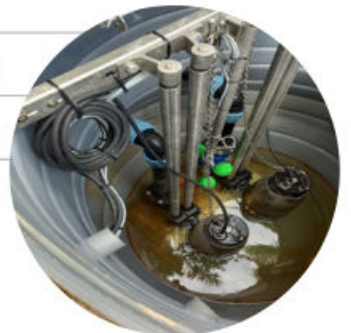
Our team applies advanced engineering practices and cutting-edge technologies, including Building Information Modelling (BIM) and hydraulic system analysis, to ensure precision and reliability in every project.

TechMEPi Engineering has successfully executed projects across multiple countries, including Kenya, Uganda, South Sudan, Seychelles, and Rwanda, showcasing our ability to manage complex, multinational assignments. Our international experience, combined with a deep understanding of local standards and regulations, positions us as a trusted partner for clients seeking professional, end-to-end MEP engineering solutions, adhering to the highest industry standards.



2026/27

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● THE OUR COMPANY



TechMEPi Engineering is a professional engineering firm specializing in MEP building services with over 18 years of proven experience.

Led by Francis Wanjohi, the company delivers high-quality engineering solutions across a wide range of sectors.

We are committed to excellence in design, implementation, and management of mechanical systems, ensuring efficiency, safety, and sustainability in every project.

Our footprint spans multiple countries including Kenya, Uganda, South Sudan, Seychelles, and Rwanda.

BEST
COMPANY
2026



At TechMEPi Engineering, we leverage advanced digital tools and engineering software to deliver precise, efficient, and innovative solutions.

Our Mission

To provide innovative, efficient, and reliable mechanical engineering solutions that meet international standards and exceed client expectations.

Our Vision

To be a leading engineering firm in Africa and beyond, recognized for excellence, professionalism, and cutting-edge engineering solutions.

● SUBTITLE ABOUT US



Leadership Profile

Francis Wanjohi is a Registered Professional Engineer holding a Bachelor of Engineering in Mechanical Engineering. With over 18 years of experience in mechanical building services, he has successfully handled diverse and complex projects across multiple countries.

His expertise combines technical excellence with practical project execution, making him a trusted professional in the field. He is fluent in English and Kiswahili and highly proficient in modern engineering technologies including Building Information Modelling (BIM).



Professional Expertise

We bring advanced technical capabilities including:

- Building Information Modelling using Autodesk Revit
- Engineering simulations with Autodesk CFD
- Hydraulic calculations using Pipe Flow Expert
- Technical documentation and data analysis tools



Core Services

At TechMEPi Engineering, we deliver comprehensive, high-performance MEP engineering solutions tailored to meet the demands of modern buildings and industrial facilities.

Our expertise spans design, installation, and commissioning, ensuring efficiency, safety, and long-term reliability.

TechMEPi Engineering provides specialized services in:

- Plumbing and drainage systems.
- Fire protection systems (hydrants, sprinklers, hose reels, portable systems).
- Air conditioning and mechanical ventilation.
- Hot water generation systems.
- Compressed air systems.
- Liquefied Petroleum Gas (LPG) systems
- Sewage treatment plants.
- Reverse osmosis water treatment systems.
- Laundry and kitchen equipment installation.
- Swimming pool systems.
- Refuse chute systems.
- Renewable energy systems.
- Generator and fuel transfer installations.
- Supervision electrical and ICT services.
- Medical gases

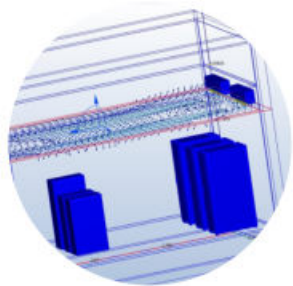
● Driving Precision Through Advanced Technology

Design & Engineering Tools

At TechMEPi Engineering, we integrate cutting-edge design and simulation technologies into every stage of our projects. Our use of advanced engineering software enhances accuracy, improves coordination, and enables us to deliver optimized, high-performance MEP systems. Through digital innovation, we ensure efficiency, reliability, and excellence from concept design to final implementation.



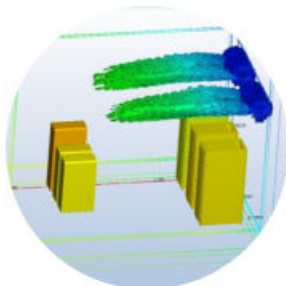
Computer Aided Design Software



Autodesk Inventor

3D Mechanical Design & Simulation

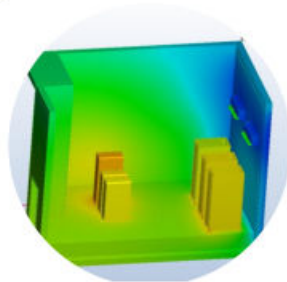
We utilize Autodesk Inventor to develop highly detailed 3D models of mechanical systems and components.



AutoCAD

Technical Drafting & Documentation

AutoCAD is a core tool in our engineering workflow, enabling us to produce precise 2D drawings and technical documentation.



AutoCAD CFD

Performance Simulation & Optimization

Using AutoCAD CFD (Computational Fluid Dynamics), we simulate airflow, heat transfer, and fluid behavior within engineered systems.

● Our Competitive Advantage



By combining these advanced tools, TechMEPi Engineering achieves:

- High design accuracy and reduced project errors.
- Improved coordination through digital workflows.
- Faster project delivery timelines.
- Cost-effective and sustainable engineering solutions.

Autodesk Inventor

Accurate visualization of complex systems before construction.

- Early detection and resolution of design conflicts.
- Simulation of mechanical performance under real conditions.
- Reduction of material waste and design errors.

By adopting a model-based design approach, we enhance efficiency, reduce costs, and ensure precision in every project.

AutoCAD

It supports:

- Detailed system layouts and schematics
- Clear communication across project teams
- Accurate installation and construction drawings
- Consistency in design standards and documentation

This ensures that all stakeholders from engineers to contractors work with clear, reliable, and professional drawings.

"Today, the company is growing rapidly, backed by a strong track record of successfully delivered projects."

Autodesk Inventor

This enables:

- Optimization of HVAC system performance
- Improved energy efficiency and sustainability
- Analysis of airflow and temperature distribution
- Enhanced system reliability and safety

Through predictive simulation, we refine our designs before implementation, minimizing risks and ensuring optimal system performance.



ABOUT OUR CORE SERVICES

Engineering Excellence in Building Services

At TechMEPi Engineering, we deliver comprehensive, high-performance MEP engineering solutions tailored to meet the demands of modern buildings and industrial facilities.

From concept design to installation and commissioning, our approach ensures efficiency, safety, and long-term reliability in every system we deliver.

SELECTED PROJECT EXPERIENCE SEYCHELLES

TechMEPi Engineering has successfully supervised specialized MEP engineering solutions across projects in Seychelles, including industrial HVAC systems, advanced air conditioning installations, and developments on D'Arros Island.

These projects were designed to meet the unique demands of coastal and remote environments, ensuring optimal performance, energy efficiency, and long-term reliability.

Industrial HVAC System



Complex beasts that regulate temperature and air quality across huge areas.

Air Conditioning Systems

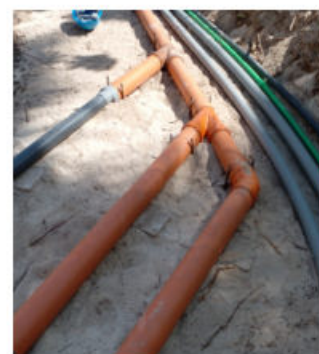


Air conditioning is the process of controlling the temperature, humidity, and air quality within a space to create a comfortable indoor environment

D'Arros Island Development

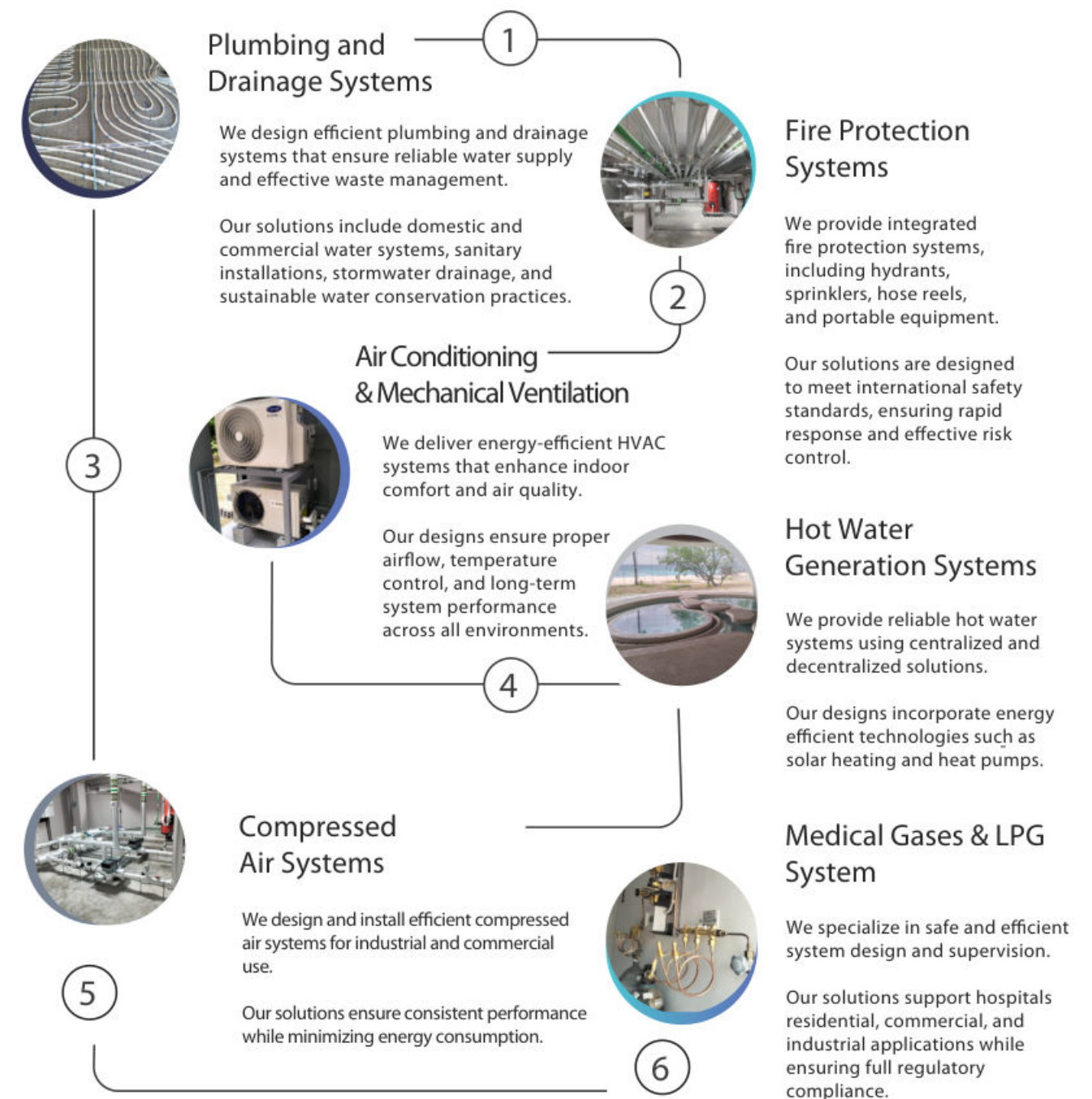


Complex beasts that regulate temperature and pressure.



OUR Our Core Capabilities

Delivering integrated, high-performance engineering solutions.





UTAWALA,
Eastern Bypass



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We are committed to excellence in design, implementation, and management of MEP systems, ensuring efficiency, safety, and sustainability in every project. Our footprint spans multiple countries including Kenya, Uganda, South Sudan, Seychelles, and Mauritius.



THANK YOU

<http://www.techmepi-engineering.com>