

Early Production Facilities



About Eunisell



Eunisell is a leading provider of production enhancement technologies, with over two decades of proven expertise in Nigeria.

We deliver exceptional value by optimizing production, enhancing operational efficiency, and ensuring rapid monetization of hydrocarbon assets. We work with exploration and production companies to overcome technical and logistical challenges in oilfield operations—from discovery through to commercial production.

Early Production Facilities (EPF): Unlocking Value Sooner



Our Early Production Facilities (EPF) offering enables operators to bring hydrocarbon assets online swiftly, cost-effectively, and safely—bypassing the long lead times associated with conventional full-scale infrastructure development. Whether for appraisal, reservoir performance evaluation, or early revenue generation, Eunisell's EPF systems are tailored to meet your project's unique requirements.

Our EPF Service Portfolio



1. Conceptual & Feasibility Studies

- Project definition and screening
- Technical and economic viability analysis
- Concept selection based on field data
- CAPEX/OPEX estimation and risk evaluation

2. Front End Engineering Design (FEED)

- Process simulations and design criteria
- Preliminary equipment sizing and layout
- Hazard identification and operability studies (HAZID/HAZOP)
- Cost estimates and implementation planning

Our EPF Service Portfolio



3. Detailed Engineering Design

- 3D modeling and piping isometrics
- Electrical, instrumentation, and mechanical system integration
- Structural design and civil interface
- Procurement and construction support documentation

4. Extended Well Testing (EWT) Facilities

- Portable modular production systems
- Real-time data acquisition for reservoir evaluation
- Crude separation, gas handling, and produced water treatment
- Custom-built for various wellsite conditions and flowrates

Our EPF Service Portfolio



5. Compact Gas-To-Liquids (GTL) Solutions

- Monetization of stranded or flared gas
- Scalable, modular GTL technology
- On-site diesel, naphtha, and LPG production
- Environmental compliance and emissions reduction

6. Extended Well Testing (EWT) Facilities

- End-to-end project delivery capability
- Planning, scheduling, and cost control
- Interface and contractor management
- QA/QC, HSE compliance, and progress tracking

Our EPF Service Portfolio



7. Build, Own & Operate (BOO)

- Full lifecycle ownership and operation
- Capital-efficient model for marginal field operators
- Eunisell delivers, installs, operates, and maintains facilities
- Long-term performance and uptime assurance

Our Services

Produced Water Treatment Solutions



As oil and gas production matures, water management becomes one of the most critical challenges faced by operators. Effective treatment of produced water and reliable water injection are essential for maintaining asset integrity, maximizing hydrocarbon recovery, and ensuring regulatory compliance.

Eunisell provides fit-for-purpose, integrated production solutions that combine advanced technologies, chemical expertise, and field-proven operational practices to help operators manage water efficiently while optimizing overall production performance.

Our EPF Service Portfolio

• Key Capabilities

Separation & Clarification

- Primary separation of oil, water, and gas using compact separators and hydrocyclones.
- Secondary treatment via induced gas flotation (IGF) or dissolved gas flotation (DGF).
- Tertiary polishing systems including nutshell filters, membrane filtration, and adsorption media.

Solids & Contaminant Removal

- Sand handling and desanding technologies to prevent equipment erosion.
- Removal of sulfates, iron, mercury, and other trace contaminants.
- Chemical dosing for scale inhibition, demulsification, and corrosion prevention.

Environmental Compliance

- Produced water treated to meet Nigerian regulatory discharge limits (DPR/NNPC/NESREA) and international standards (IFC, MARPOL, OSPAR).
- Continuous monitoring and sampling to demonstrate compliance.

Value Proposition

- Improved operational uptime through efficient water handling.
- Reduced environmental risks and penalties.
- Custom-engineered solutions adaptable to new, mature, or marginal fields.
- Integration of chemicals + equipment + field services for cost efficiency.

Our Services

Water Injection Solutions



- Value Proposition

- Enhanced oil recovery through reliable water injection.
- Prevention of reservoir souring, scaling, and corrosion.
- Reduced downtime and maintenance costs through effective chemical programs.
- Proven track record in delivering cost-efficient, regulatory-compliant solutions across West Africa.

Our Services

• Key Capabilities

Water Sourcing & Pretreatment

- Treatment of seawater, river water, or aquifer water for injection suitability.
- Removal of suspended solids and biological contaminants (bacteria, algae).
- De-aeration systems to minimize oxygen-induced corrosion.

Filtration & Conditioning

- Dual-media and cartridge filtration for solids removal.
- Sulfate Removal Units (SRUs) to mitigate scaling and barium/strontium deposition.
- Biocide treatment programs to control microbiological activity (SRB & APB).

Injection System Integrity

- Corrosion inhibition programs to protect pipelines and tubulars.
- Scale inhibition chemicals tailored to reservoir compatibility.
- Oxygen scavenger dosing to safeguard against corrosion.

Monitoring & Optimization

- Improved operational uptime through efficient water handling.
- Reduced environmental risks and penalties.
- Custom-engineered solutions adaptable to new, mature, or marginal fields.
- Integration of chemicals + equipment + field services for cost efficiency.

Our Services

Separation Systems



Efficient separation of oil, gas, and water is fundamental to maximizing production, ensuring product quality, and safeguarding downstream facilities. At Eunisell, we provide advanced separation systems engineered to deliver high performance, reliability, and safety across diverse field conditions.

Our oil & gas separation solutions are tailored to meet operator needs in both onshore and offshore environments, supporting everything from early production to long-term field development.

Our Services

- Key Capabilities

Two-Phase & Three-Phase Separation

- Two-Phase Separators – Separate produced fluids into oil and gas.
- Three-Phase Separators – Efficiently split production streams into oil, gas, and produced water.
- Designed for high efficiency, minimal carryover, and adaptability to fluctuating flow rates.

Test & Production Separators

- **Test Separators** – Deliver accurate measurement of well production rates for oil, gas, and water, supporting reservoir management and decision-making.
- **Production Separators** – Ensure continuous bulk separation to prepare fluids for treatment, transport, or sale.

Compact & Modular Systems

- Skid-mounted and mobile configurations for fast deployment.
- Space-optimized designs ideal for offshore and remote locations.
- Easy integration with Eunisell's broader production solutions, including produced water treatment and gas conditioning.

- Technical Features

- High-efficiency internals for improved phase separation.
- Advanced level-control systems to minimize emulsion problems.
- Designed to withstand harsh operating environments and variable production conditions.
- Customizable specifications to meet client requirements (pressure, flow rate, and fluid composition).

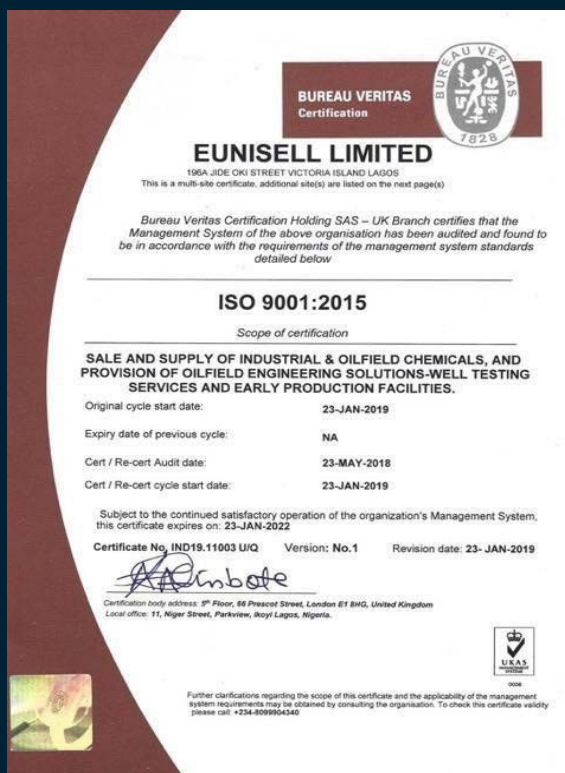
Why Choose Eunisell?



Delivering Operational Excellence Where It Matters Most

- **Speed to Market:** Fast-track designs and modular solutions to reduce project timelines.
- **Customized Design:** Fit-for-purpose systems engineered to meet the specifics of each reservoir and location.
- **Operational Support:** On-site commissioning, maintenance, and operations teams.
- **Local Capability:** In-country fabrication, logistics, and project management expertise.
- **Sustainability Focused:** Solutions that support emissions reduction and gas monetization.

ISO Certification & Quality Standards



Eunisell operates a fully certified Quality Management System in accordance with:

- **ISO 9001** – Quality Management
- **ISO 14001** – Environmental Management
- **ISO 45001** – Occupational Health & Safety

These certifications reflect our commitment to operational excellence, safety, and environmental stewardship.

Client Success Stories



From marginal field developers to IOCs, Eunisell has successfully delivered EPF projects across Nigeria and West Africa. Our track record includes:

- Rapid deployment of modular EWT units in the Niger Delta
- Field appraisal and early monetization for new discoveries
- Gas utilization via compact GTL in flared gas environments

Let's Work Together



Eunisell is your trusted partner for rapid production solutions. Whether you're planning appraisal, field development, or seeking to reduce flaring and emissions, we offer the expertise and technology to get your hydrocarbons to market—faster and smarter.

Accelerating Production. Enhancing Value. Delivering Results.

EUNISELL LIMITED

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