



**EUGENECHO**  
**IL & GAS NIG. LTD.**

**CORPORATE**  
**PROFILE**







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## ABOUT US

**EUGENECHO OIL AND GAS NIGERIA LIMITED (EOGNL)** is a dynamic, fast-paced oil and gas company that is continually striving to be one of the foremost and indeed the best in the downstream sector of the Nigerian Oil and Gas industry.

We are a leading energy solutions provider specializing in the distribution and transportation of Liquefied Petroleum Gas (LPG) and Compressed Natural Gas (CNG), as well as the import and export of petroleum products. With a comprehensive portfolio that includes owning LPG and PMS trucks, CNG stations, and warehouses, the company also plays a key role in gas distribution via pipelines. Eugenecho operates state-of-the-art CNG conversion centres and represents Chinese OEMs for CNG technology, providing innovative and sustainable energy solutions across various sectors. With a strong commitment to safety, reliability, and sustainability, Eugenecho continues to drive value for its clients and partners while contributing to the development of cleaner, more efficient energy systems.

Our team possesses extensive experience in the oil industry and is united by a shared commitment to the core values and vision of the company. This collective focus drives our ability to consistently develop effective solutions to the challenges businesses face on a daily basis. Teamwork, dedication, and a commitment to excellence are central to our operations and our collective success. We view our team as a collaboration of many individuals, each contributing to the broader goals. With passion and purpose, we strive to foster an environment that supports wealth creation and management while strengthening our relationships with clients, partners, and stakeholders.





## CORE SERVICES AND OFFERINGS

- 1. Liquefied Petroleum Gas (LPG) Distribution and Services:** Eugenecho Oil and Gas is a key distributor of Liquefied Petroleum Gas (LPG), ensuring a reliable and sustainable supply of this versatile energy source. We manage a robust network for the distribution of LPG, catering to both residential and commercial needs. Our strategic infrastructure, including owned LPG trucks and distribution stations, allows us to efficiently deliver LPG to various markets.
- 2. Compressed Natural Gas (CNG) Solutions:** As a prominent player in the natural gas sector, we offer a wide range of CNG solutions, including the distribution of CNG for both transportation and industrial use. Our ownership of CNG stations, coupled with our role as a representative for leading Chinese Original Equipment Manufacturers (OEMs) in CNG technology, enables us to offer high-quality CNG systems and equipment. Additionally, we have established CNG conversion centres, empowering vehicle owners to convert their fleets to cleaner, more cost-effective natural gas.
- 3. Petroleum Products Import and Export:** Eugenecho Oil and Gas is actively engaged in the import and export of petroleum products, ensuring a steady supply of refined products to domestic and international markets. Our strategic partnerships with global suppliers and buyers help us deliver a diverse range of high-quality petroleum products to meet varying market demands.





- 4. Transportation Fleet – LPG and PMS Trucks:** We own and operate a fleet of LPG and Premium Motor Spirit (PMS) trucks, which allows us to ensure the safe and efficient transport of petroleum products. Our well-maintained fleet is equipped to handle the distribution of both LPG and PMS, offering timely deliveries and reliability in every operation.
- 5. Gas Distribution via Pipelines:** Eugenecho Oil and Gas is also involved in the distribution of natural gas via pipelines, providing a safe, efficient, and sustainable means of transporting gas to a broad range of industrial, commercial, and residential customers. Our pipeline distribution infrastructure ensures reliable access to energy, with a focus on safety and environmental responsibility.
- 6. CNG Conversion Centres:** As part of our commitment to sustainable energy solutions, Eugenecho Oil and Gas has built and operates state-of-the-art CNG conversion centres. These facilities are designed to facilitate the conversion of internal combustion engine vehicles to CNG-powered vehicles, helping reduce carbon emissions and lower operational costs for businesses and individuals alike.
- 7. Warehouse Ownership and Operations:** To support our comprehensive operations, Eugenecho Oil and Gas owns and operates strategically located warehouses that provide essential storage solutions for petroleum products, LPG, CNG, and other gas-related infrastructure. Our warehouses are equipped to handle bulk storage and distribution efficiently, ensuring product availability and prompt delivery to customers.



## LNG DISTRIBUTION AND SERVICES



Eugenecho Oil and Gas is a leading distributor of Liquefied Petroleum Gas (LPG), providing a consistent, high-performance supply of this versatile and environmentally responsible energy source. LPG is widely recognized for its clean-burning properties, emitting significantly lower levels of greenhouse gases and particulate matter compared to conventional fossil fuels such as coal and oil. This makes it a critical component in the global transition to cleaner energy solutions. LPG is used across a wide range of applications, including residential heating, cooking, industrial processes, and power generation, making it an indispensable energy choice for various sectors.

Our company operates a comprehensive distribution network designed to deliver LPG safely, reliably, and consistently to a wide array of markets. With a fleet of dedicated LPG trucks and strategically positioned distribution terminals, Eugenecho ensures efficient and timely supply to both urban and remote locations. We adhere to stringent safety standards and best practices throughout the supply chain, prioritizing operational integrity and risk management in every phase of distribution.





By promoting LPG as a cleaner alternative to more pollutive energy sources, Eugenecho Oil and Gas is actively contributing to the reduction of harmful emissions and the improvement of air quality. LPG generates significantly fewer toxic by-products and carbon emissions than conventional fossil fuels, making it an ideal solution for businesses and households seeking to reduce their environmental impact and carbon footprint.

Through our commitment to sustainable energy solutions, Eugenecho Oil and Gas remains dedicated to supporting environmental stewardship while meeting the diverse energy needs of our clients in a safe, efficient, and environmentally conscious manner.

## Pipeline Distribution

Eugenecho's LNG pipeline infrastructure ensures the safe and reliable transportation of LNG to various locations, including large-scale industrial plants, power generation facilities, and commercial users. Our pipeline network is designed to maintain the integrity of the gas supply, adhering to the highest safety and operational standards. By utilizing advanced monitoring and control systems, we ensure the uninterrupted and secure delivery of LNG, meeting the diverse energy needs of our clients while minimizing environmental impact.







## CNG DISTRIBUTION AND CONVERSION CENTRES



Compressed Natural Gas (CNG) is the cleanest and quietest burning fossil fuel, emitting significantly less carbon and nitrogen emissions than diesel - creating a safer and happier work environment. CNG offers a 35% saving over diesel (in fuel costs alone). When incorporating the full life-cycle savings of operating gas instead of diesel generators, the saving is up to 40% of total energy costs monthly. It is a much cleaner fuel than diesel or petrol-extending the life of industrial equipment and the service interval periods (i.e. engine overhaul at up to 80,000 hours).

CNG fuel storage tanks are stronger and safer than gasoline or diesel tanks, decreasing the likelihood of leakage. CNG can be delivered directly to remote locations and stored on site for continuous fuel supply.

Eugenecho Oil and Gas has a proven ability to deliver and supply Compressed Natural Gas (CNG) through a robust and integrated infrastructure that ensures reliability, efficiency, and scalability. As a leading provider in the CNG sector, the company owns and operates a network of strategically located CNG stations, making it well-positioned to meet the growing demand for clean energy solutions. Eugenecho is also actively involved in the supply of CNG for both transportation and industrial uses, leveraging its extensive experience in gas distribution and logistics.





## CNG Conversion Services

In addition to its CNG stations, Eugenecho Oil and Gas has established CNG conversion centres where vehicle owners and fleet operators can safely convert their internal combustion engine vehicles to cleaner, more cost-effective CNG-powered vehicles. These centres adhere to strict safety guidelines and industry best practices, ensuring that all conversions are conducted with the highest standards of safety and quality. This capability not only supports the transition to environmentally friendly energy but also offers significant operational savings for businesses, while minimizing environmental impact.

Eugenecho's strategic partnerships, including its role as a representative of leading Chinese OEMs for CNG technology, further enhance its ability to deliver high-quality, reliable CNG systems and equipment. Through a combination of an efficient distribution network, advanced conversion centres, adherence to rigorous safety protocols, and strong supplier relationships, Eugenecho is uniquely positioned to provide seamless, continuous access to CNG. This enables the company to meet the energy needs of a wide range of customers, while ensuring safety, reliability, and contributing to a cleaner, more sustainable energy future.

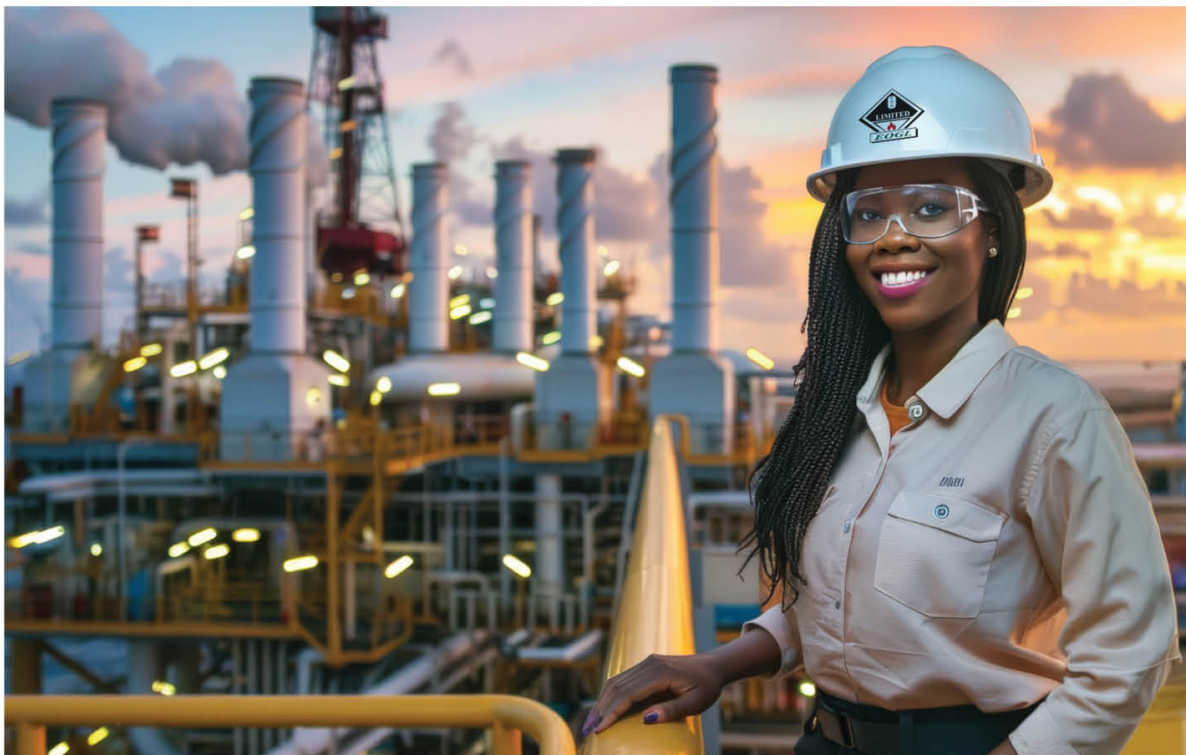




## ENGINEERING, PROCUREMENT & CONSTRUCTION (EPS) SERVICES

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Eugenecho Engineering, Procurement & Construction (EPC) Services bring extensive experience across projects of varying scales. Leveraging a combination of local expertise and global partnerships, Eugenecho has successfully delivered pipelines, gas processing plants, production platforms, flow-lines, utilities, and storage facilities for leading IOCs, Marginal Field Operators, and EPC companies.



Eugenecho's Engineering, Design, and Consultancy services provide integrated, single-point-of-control solutions for Engineering, Procurement, and Construction (EPC) projects in the Oil, Gas, and Power industries. With a focus on precision and efficiency, Eugenecho ensures seamless execution across all project phases, delivering high-performance systems tailored to meet complex industry demands.



## Eugenecho Engineering Discipline

Eugenecho specializes in providing comprehensive and innovative engineering solutions tailored to the Oil, Gas industries. Our engineering discipline integrates cutting-edge technology with industry best practices to deliver efficient, reliable, and sustainable designs.

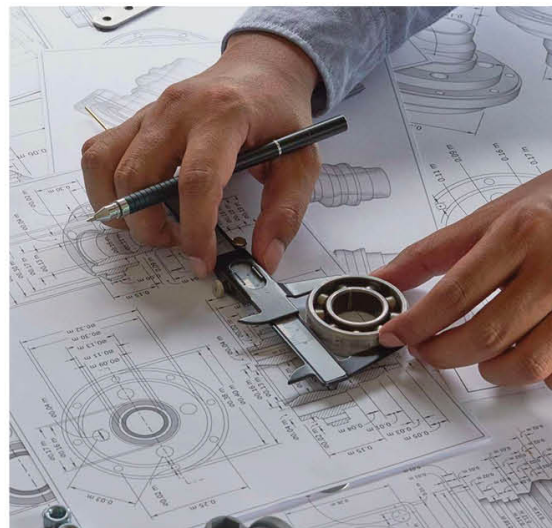
### Key Areas of Expertise:

#### Process Engineering

- Development of process designs and optimization strategies.
- Simulation and modeling for enhanced operational efficiency.
- Safety and hazard analysis (HAZOP/HAZID) to ensure compliance with industry standards.

#### Mechanical Engineering

- Design and analysis of static and rotating equipment.
- Development of pipelines, pressure vessels, and storage systems.
- Advanced material selection and stress analysis for long-term durability.





### **Civil and Structural Engineering**

- Design and construction of foundations, platforms, and support structures.
- Structural integrity analysis under diverse operational conditions.
- Site development, including roads, drainage, and utilities.

### **Electrical and Instrumentation Engineering**

- Design of power generation, distribution, and control systems.
- Automation and instrumentation for process monitoring and control.
- Integration of SCADA and DCS for real-time system management.

### **Pipeline and Facilities Engineering**

- Design, installation, and commissioning of pipelines and flowlines.
- Facility layout optimization for onshore and offshore applications.
- Integrity management for pipelines and associated infrastructure.

### **Environmental and Sustainability Engineering**

- Environmental impact assessments and mitigation strategies.
- Design of energy-efficient systems and renewable energy integration.
- Water and waste management systems compliant with regulatory standards.





## Construction Capabilities

Eugenecho delivers advanced engineering solutions across Greenfield and Brownfield projects in both onshore and offshore environments. Our technical expertise spans the full project life-cycle, with specialized capabilities including:



### Flowlines and Pipeline Transportation Systems

- Engineering and design of robust transportation infrastructure for crude oil, natural gas, and refined products.
- Hydraulic and surge analysis to optimize flow dynamics and ensure system reliability.
- Integration of advanced monitoring systems for leak detection and flow assurance.

### Gathering Lines and Manifold Systems

- Design and configuration of high-efficiency gathering systems for upstream production.
- Custom manifold systems engineered for optimal pressure management and fluid distribution.
- Advanced material selection and stress analysis for high-performance operations in harsh environments.



### Oil Production Facilities

- Engineering of Central Processing Facilities (CPFs) for crude stabilization, separation, and export.
- Design of compression stations for enhanced gas recovery and transmission.
- Modular design strategies for scalability and ease of deployment.

### Product Storage Facilities

- Engineering and construction of crude oil storage tank systems compliant with API standards.
- Integration of advanced inventory management systems and vapour recovery units.
- Structural and thermal analysis to ensure durability and safety in extreme conditions.

### Platform Design and Modifications

- Engineering and retrofit design for offshore production platforms, ensuring compliance with updated regulations and operational needs.
- Structural integrity assessments and load optimization for extended service life.
- Seamless integration of new systems with existing infrastructure for platform upgrades.

### Risers and Subsea Clamps Design

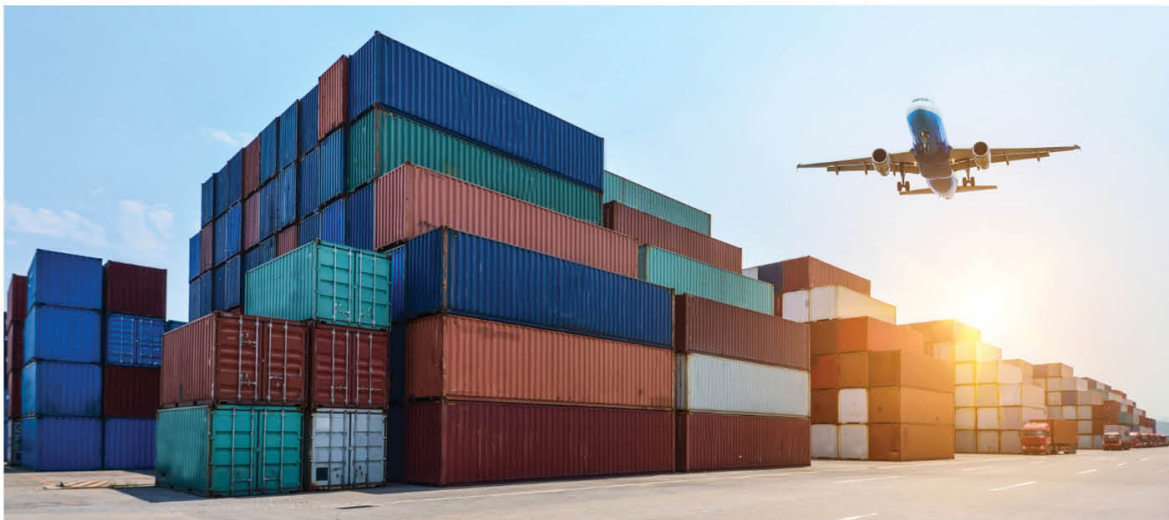
- Design and analysis of risers for dynamic operational conditions, including fatigue and hydrodynamic loading.
- Subsea clamps and connector systems engineered for secure pipeline and riser installations.
- Advanced subsea solutions tailored for deepwater and high-pressure environments.





## Procurement Services

Eugenecho's Procurement Services specialize in providing high-quality equipment essential for the oil and gas industry. We supply heavy-duty machinery such as Christmas Trees, LP/HP pumps, and compressors, alongside critical components like valves, line pipes, flanges, and Oil Country Tubular Goods (OCTG). Our portfolio also includes communication systems and personal protective equipment (PPE), ensuring both operational efficiency and safety. With a focus on quality, reliability, and compliance with industry standards, Eugenecho delivers tailored procurement solutions to meet the technical demands of every project.



Eugenecho Procurement Services offers comprehensive onshore and offshore procurement solutions, supported by a dedicated team committed to delivering on our sourcing promises. We specialize in providing high-quality equipment, spare parts, OCTG, and line pipes, sourced from reputable local and international vendors or OEMs. Leveraging strong vendor relationships and rigorous quality assurance processes, we ensure the timely delivery of competitively priced, certified materials to our clients' specified locations, meeting the exacting demands of the oil and gas industry.

### **We procure the following products:**

- Control valves
- Pipes, Fittings and Flanges
- Valves and Tubing
- Flow meter
- Pressure Gauges & Regulator
- Christmas Trees





## SUPPLY OF PMS, AGO AND DPK



Eugenecho is a trusted provider of Premium Motor Spirit (PMS), Automotive Gas Oil (AGO), and Dual Purpose Kerosene (DPK), offering flexible and efficient fuel supply solutions to industrial, commercial, and retail clients. With a network of petrol stations and the ability to supply directly to client locations, we ensure uninterrupted access to high-quality fuels across a variety of sectors.

### Downstream Marketing and Retailing

Eugenecho's Downstream Marketing and Retailing services encompass the full range of processes involved in managing fuel terminals, depots, and storage tanks, as well as the marketing and distribution of hydrocarbon products to both commercial and retail customers. Our comprehensive approach includes marketing, sales planning, and the complete order-to-cash cycle across various distribution channels.



We manage all aspects of secondary distribution, stock management at terminals, and the transportation of bulk products to ensure efficient supply chain operations. Our services also extend to fuel management, service station operations, and convenience retailing, covering all processes related to the management and sale of both fuel and dry goods at service stations. Eugenecho's commitment to excellence ensures reliable, cost-effective solutions that meet the needs of our commercial and retail clients.

## **Key Service Features:**

### **Petrol Stations and Direct Supply:**

- A network of strategically located petrol stations provides consistent product availability for retail customers.
- Bulk supply of PMS, AGO, and DPK directly to industrial clients, commercial operations, and specific locations ensures efficiency and convenience.

### **Logistics and Distribution:**

- A fleet of calibrated fuel tankers is dedicated for safe, reliable, and timely delivery of PMS, AGO, and DPK to clients.
- Real-time tracking and monitoring of deliveries offer transparency and enhanced customer service.

### **Flexible Supply Solutions:**

- Customizable delivery schedules designed to meet the operational needs of our clients.
- Emergency supply options are available to address unforeseen shortages and urgent fuel requirements.





### 1. ABUJA FUEL STATION

PMS (two underground tanks of 45,000 litres each) 90,000 litres

AGO (one underground tank of 45,000 litres) 45,000 litres

DPK (one underground tank of 45,000 litres) 45,000 litres

### 2. LAGOS FUEL STATION

PMS (two underground tanks of 45,000 litres each) 90,000 litres

AGO (one underground tank of 45,000 litres) 45,000 litres

DPK (one underground tank of 45,000 litres) 45,000 litres

### 3. OWERRI FUEL STATION

PMS (two underground tanks of 45,000 litres each) 90,000 litres

AGO (one underground tank of 45,000 litres) 45,000 litres

DPK (one underground tank of 45,000 litres) 45,000 litres

### 4. PORT HARCOURT FUEL STATION

PMS (two underground tanks of 45,000 litres each) 90,000 litres

AGO (one underground tank of 45,000 litres) 45,000 litres

DPK (one underground tank of 45,000 litres) 45,000 litres

### 5. ENUGU FUEL STATION

PMS (two underground tanks of 45,000 litres each) 90,000 litres

AGO (one underground tank of 45,000 litres) 45,000 litres

DPK (one underground tank of 45,000 litres) 45,000 litres

### TANKERS

Bridgers (five trucks of 33,000 litres each) 165,000 litres

Peddlers (four trucks of 20,000 litres each) 80,000 litres





## EXPORTATION OF CRUDE OIL & IMPORTATION OF PETROLEUM PRODUCTS

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Eugenecho offers comprehensive crude oil exportation services designed to streamline the transportation of crude oil from production sites to global markets. Leveraging our expertise in sourcing, handling, logistics, and compliance, we provide end-to-end solutions tailored to meet the needs of upstream operators and international buyers. With a focus on quality, safety, and efficiency, we manage every aspect of the exportation process—from terminal operations and quality assurance to transportation logistics and regulatory documentation. Eugenecho is committed to delivering reliable and cost-effective services that uphold the highest industry standards, ensuring seamless and successful crude oil exports.

### Scope of Services

#### Crude Oil Sourcing and Handling

Eugenecho ensures a reliable supply of crude oil by partnering with reputable producers and leveraging its extensive network of upstream operators. Our sourcing strategy focuses on high-quality crude grades tailored to meet market demands, supported by robust contractual



agreements. Handling operations are carried out with strict adherence to health, safety, and environmental (HSE) standards to maintain product integrity during extraction, transfer, and storage processes.

### **Terminal Operations and Storage**

Eugenecho manages state-of-the-art terminal facilities and storage tanks strategically located for optimal access to export points. These facilities are designed to handle large volumes of crude oil efficiently while minimizing environmental impact. Our operations include real-time inventory management systems to monitor stock levels, temperature, and pressure conditions, ensuring the integrity of stored products. Terminal operations are streamlined for fast and safe loading onto export vessels, reducing turnaround times.

### **Quality Control and Assurance**

Maintaining the quality of crude oil throughout the exportation process is a top priority for Eugenecho. We employ advanced testing and monitoring systems at multiple stages, including sourcing, storage, and loading, to ensure compliance with buyer specifications and international standards. Laboratory-grade analyses, including API gravity, sulphur content, and viscosity testing, are conducted to certify product quality and suitability for end-use applications.

### **Transportation and Logistics**

Eugenecho provides seamless transportation and logistics solutions, coordinating the movement of crude oil from production sites to export terminals. Our logistics strategy includes the use of pipelines, barges, and calibrated tankers, depending on the operational requirements and location. Partnerships with reliable shipping agents and international tanker operators ensure the timely and secure delivery of crude oil to its destination. We also implement real-time tracking systems to monitor shipments and maintain transparency throughout the logistics chain.

### **Export Documentation and Regulatory Compliance**

Eugenecho handles all aspects of export documentation and regulatory compliance, ensuring a smooth and legally sound exportation process. This includes preparing necessary export permits, customs declarations, certificates of origin, and bills of lading. Our team stays updated on local and international trade regulations, ensuring adherence to all legal requirements, including environmental and safety standards. Through proactive management, we minimize delays and ensure regulatory approval for each shipment, guaranteeing client satisfaction.



## Importation of Petroleum Products

Eugenecho specializes in the importation of high-quality petroleum products to meet the growing energy demands of industrial, commercial, and retail clients. With a robust supply chain and strategic partnerships with reputable international refineries and trading firms, we ensure the seamless delivery of products such as Premium Motor Spirit (PMS), Automotive Gas Oil (AGO), Dual Purpose Kerosene (DPK), and other refined petroleum products.



### **Key Features of Our Importation Services:**

#### **Reliable Sourcing**

Eugenecho sources petroleum products from trusted global refineries and suppliers, ensuring compliance with international standards and specifications. We prioritize quality and consistency to meet the requirements of our diverse customer base.

#### **Efficient Logistics and Distribution**

Our logistics network is optimized for efficiency, utilizing deep-sea tankers and local distribution systems to ensure timely delivery. Eugenecho's advanced inventory management systems



enable real-time tracking and monitoring of shipments, ensuring transparency and minimizing delays.

### **Compliance with Regulations**

We handle all import documentation, customs clearance, and regulatory approvals, ensuring that every shipment complies with local and international trade laws. Our team stays updated on evolving regulations to ensure smooth importation processes.

### **Quality Assurance**

To guarantee product integrity, we conduct rigorous testing and certification at every stage, from loading at the source to offloading at local terminals. Our products meet stringent environmental and safety standards, ensuring suitability for various applications.

### **Market Access and Distribution**

Eugenecho supports downstream operations by supplying imported petroleum products to local depots, fuel stations, and industrial clients. Our distribution channels are designed to provide seamless access to energy solutions across diverse sectors.

By combining operational excellence, strong vendor relationships, and a commitment to quality and safety, Eugenecho delivers reliable petroleum importation services that contribute to the energy security and economic growth of our markets.



## WELL HEAD MAINTENANCE SERVICES



Eugenecho delivers specialized well-head maintenance solutions tailored to optimize performance, ensure safety, and extend the service life of well-head equipment. With a deep understanding of upstream oil and gas operations, we combine advanced diagnostic techniques, precision engineering, and regulatory compliance to support the integrity and functionality of well-head systems in a variety of operating environments.

### Core Maintenance Services

#### Comprehensive Inspection and Integrity Testing

- **Non-Destructive Testing (NDT):** Advanced ultrasonic, radiographic, and magnetic particle inspections to assess material integrity without causing damage.
- **Pressure and Leak Testing:** Hydraulic and pneumatic testing of valves, seals, and connections to ensure pressure containment and zero leakage.





- **Corrosion Assessment:** Utilizing specialized coatings, ultrasonic thickness measurements, and visual inspections to evaluate and mitigate corrosion effects.

### **Preventive and Predictive Maintenance**

- **Scheduled Maintenance Programs:** Development and execution of periodic maintenance schedules tailored to site-specific conditions and equipment usage.
- **Condition Monitoring:** Continuous monitoring of well-head components using vibration analysis, thermographic imaging, and other IoT-enabled tools for early fault detection.
- **Seal and Gasket Replacement:** Regular replacement of elastomers and metallic seals to ensure proper containment and mechanical integrity.

### **Equipment Repair and Component Refurbishment**

- **Valve Overhaul:** Disassembly, cleaning, machining, reassembly, and testing of master valves, wing valves, and choke valves.
- **Flange and Connector Repairs:** Re-machining or replacement of damaged flanges and connectors to restore structural integrity.
- **Component Re-certification:** Ensuring that refurbished components meet original equipment manufacturer (OEM) or equivalent specifications.

### **Emergency Maintenance and Troubleshooting**

- **Rapid Deployment Teams:** Ready-to-deploy specialists equipped to handle critical well-head issues with minimal downtime.
- **Blowout Preventer (BOP) Repairs:** Emergency intervention and repair of BOP stacks to maintain well control and prevent environmental incidents.

### **Well-head Upgrades and Modernization**

- **Retrofitting:** Upgrading legacy well-head systems with advanced technologies such as automated valve controls, real-time monitoring, and digital twin models.
- **Enhanced Material Solutions:** Implementation of corrosion-resistant alloys (CRA) and high-performance coatings for improved durability.



### **Regulatory Compliance and Documentation**

- **Standard Conformance:** Maintenance activities adhere to API, ISO, and other industry-specific standards, ensuring compliance with safety and operational guidelines.
- **Traceable Documentation:** Detailed reports on all inspections, repairs, and upgrades for audit purposes and long-term operational planning.

### **Technical Advantages of Eugenecho's Approach**

- **Advanced Tooling:** We utilize state-of-the-art equipment, including robotic inspection devices and precision machining tools, to deliver high-quality maintenance outcomes.
- **Specialized Expertise:** Our team consists of certified engineers and technicians with in-depth knowledge of high-pressure, high-temperature (HPHT) well-head systems and subsea environments.
- **Data-Driven Decision Making:** Integration of analytics and machine learning for predictive maintenance and optimization of service intervals.
- **Environmentally Conscious Solutions:** Use of eco-friendly materials and techniques to minimize the environmental impact of maintenance activities.



## TANK FARMS FOR STORAGE OF PETROLEUM PRODUCTS



Eugenecho operates advanced tank farms designed for the safe, efficient, and reliable storage of petroleum products. Our tank farms are engineered to meet the demanding requirements of the oil and gas industry, ensuring compliance with international safety standards while optimizing storage and distribution operations. Through cutting-edge technologies and robust infrastructure, we support the storage of a wide range of petroleum products, including crude oil, refined products, and specialty chemicals.

### Technical Features of Eugenecho's Tank Farms

#### Tank Design and Configuration

- **Vertical and Horizontal Tanks:** Tanks designed to accommodate various volumes, from small-scale operational needs to large-scale industrial requirements.
- **Materials of Construction:** Tanks constructed using carbon steel, stainless steel, or corrosion-resistant alloys, depending on the type of product stored.



### **Floating and Fixed Roof Designs:**

- **Floating Roof Tanks:** Designed to minimize vapour losses, ideal for storing volatile products like gasoline or crude oil.
- **Fixed Roof Tanks:** Suitable for storing less volatile products, featuring robust seals to prevent leakage.

### **Capacity and Scalability**

- **High-Volume Storage:** Individual tanks ranging from thousands to millions of barrels in capacity.
- **Modular Expansion:** Flexible design to accommodate additional storage units as operational demands grow.

### **Safety and Environmental Protection**

- **Vapour Recovery Units (VRUs):** Installed to capture and recover volatile organic compounds (VOCs), reducing emissions and environmental impact.
- **Fire Suppression Systems:** Foam-based, water-based, and dry chemical systems strategically deployed to handle potential fire incidents.
- **Secondary Containment Systems:** Impermeable dikes and bund walls designed to contain spills and prevent soil or groundwater contamination.
- **Leak Detection Systems:** Advanced sensors and automated alarms for real-time monitoring of tank integrity.

### **Operational Efficiency**

- **Temperature Control Systems:** Heating coils and insulation for products that require specific temperature ranges, such as heavy crude or asphalt.
- **Mixing Systems:** Internal mixers and agitators for homogenizing products, preventing stratification, and maintaining quality.
- **Automated Gauging Systems:** Ultrasonic, radar, and float-based systems for accurate level monitoring and inventory management.
- **Product Segregation:** Dedicated piping and valves to prevent cross-contamination of different petroleum products.



### **Distribution and Loading Systems**

- **Pump and Pipeline Integration:** High-capacity pumps and pipelines for seamless product transfer to and from refineries, terminals, or ports.
- **Truck and Rail Loading Facilities:** State-of-the-art loading gantries with metering systems, vapour recovery, and spill prevention mechanisms.
- **Marine Terminal Connectivity:** Dockside loading and unloading facilities for efficient handling of imports and exports via tanker vessels.

### **Monitoring and Control**

- **SCADA Integration:** Real-time monitoring and control of tank levels, temperature, pressure, and flow rates from a centralized control room.
- **Alarm and Shutdown Systems:** Automated alarms and emergency shutdown systems to respond to abnormal conditions.
- **Data Analytics:** Historical data logging and analytics for predictive maintenance and operational optimization.

## **Regulatory Compliance**

Eugenecho tank farms adhere to the strictest international standards and guidelines, ensuring safe operations and environmental stewardship:

- **API Standards:** Compliance with API 650 and API 653 for tank design, construction, and maintenance.
- **Environmental Guidelines:** Conformance to local and international environmental regulations, including EPA and ISO 14001 standards.
- **Safety Standards:** Alignment with OSHA and NFPA codes for fire protection and workplace safety.



## FABRICATION SERVICES

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Eugenecho offers precision-driven fabrication services tailored to the complex needs of the oil and gas sector. With a commitment to engineering excellence, cutting-edge technologies, and adherence to stringent industry standards, we deliver custom-built solutions that enhance operational efficiency, safety, and reliability. Our fabrication services cover a broad spectrum of oil and gas applications, from upstream exploration to downstream processing.

### Core Fabrication Capabilities

#### Structural Fabrication

- **Platforms and Skids:** Design and fabrication of structural platforms, equipment skids, and modular packages for onshore and offshore operations.
- **Pipe Racks and Supports:** Custom-built pipe supports, racks, and frameworks to withstand high-pressure and high-temperature environments.
- **Storage Tanks and Pressure Vessels:** Fabrication of API-compliant storage tanks and ASME-certified pressure vessels for fluid storage and processing.



### **Piping Systems Fabrication**

- **Process Piping:** High-precision fabrication of piping systems for hydrocarbons, chemicals, and utilities, adhering to ASME B31 standards.
- **Pipeline Spools:** Prefabrication of pipe spools for seamless installation and reduced field welding requirements.
- **Specialty Alloys and Coatings:** Fabrication using corrosion-resistant alloys (CRA) and advanced coatings to enhance durability in harsh environments.



### **Custom Equipment Fabrication**

- **Manifolds and Flowlines:** Fabrication of production manifolds and flowlines for optimal fluid distribution and management.
- **Heat Exchangers:** Custom-designed heat exchangers to meet specific thermal and process requirements.
- **Separator and Filter Units:** Fabrication of separators and filtration systems for efficient phase separation and impurity removal.

### **Subsea and Offshore Components**

- **Subsea Structures:** Fabrication of subsea templates, jumpers, and suction piles for deepwater operations.
- **Offshore Modules:** Turnkey fabrication of topside modules, living quarters, and process systems for offshore platforms.



- **Riser and Pipeline Accessories:** Fabrication of riser clamps, anodes, and protective structures for subsea pipelines.

### **Repair and Retrofitting Services**

- **On-Site Repairs:** Field fabrication and repair of damaged components to minimize operational downtime.
- **Upgrades and Modifications:** Retrofitting of existing equipment and structures to meet evolving industry standards and operational needs.

### **Applications of Eugenecho's Fabrication Services**

- **Exploration and Production Facilities:** Fabrication of well-head platforms, drilling equipment, and support structures.
- **Refineries and Petrochemical Plants:** Custom piping, pressure vessels, and heat exchangers for processing and transportation systems.
- **Midstream Infrastructure:** Pipeline spools, manifolds, and storage tanks for efficient hydrocarbon handling and transfer.
- **Offshore Operations:** Subsea equipment, risers, and topside modules for offshore production platforms.





## WAREHOUSING SERVICES



Eugenecho offers specialized warehousing services designed to support the complex logistics and operational demands of the oil and gas industry. Our facilities are strategically equipped and expertly managed to ensure the safe, secure, and efficient storage of critical materials, tools, and equipment. With a deep understanding of industry-specific requirements, we deliver seamless solutions that enhance supply chain efficiency and reduce downtime.

### Key Features of our Warehousing Services

#### Custom-Built Warehousing Facilities

- **Large Storage Capacity:** Spacious warehouses designed to accommodate heavy equipment, bulk materials, and specialized components.
- **Heavy-Duty Infrastructure:** Reinforced flooring, racking systems, and material-handling equipment tailored for oilfield equipment and supplies.
- **Climate-Controlled Storage:** Temperature and humidity-controlled environments for the preservation of sensitive materials such as chemicals and lubricants.



### **Specialized Inventory Management**

- **Real-Time Tracking:** State-of-the-art inventory management systems utilizing barcodes and RFID technology for accurate tracking and reporting.
- **Categorized Storage Solutions:** Dedicated zones for hazardous materials, spare parts, tools, and consumables, ensuring safety and organization.
- **Just-In-Time Delivery:** Streamlined processes to provide on-demand access to critical supplies, minimizing delays in operations.

### **Safety and Compliance**

- **Hazardous Material Storage:** Warehousing designed to comply with OSHA, API, and other relevant standards for storing flammable, corrosive, and toxic materials.
- **Fire and Security Systems:** Advanced fire suppression systems, 24/7 surveillance, and restricted access to ensure the highest levels of safety and security.
- **Environmental Safeguards:** Spill containment measures, proper ventilation, and eco-friendly waste management systems to mitigate environmental risks.

### **Material Handling and Logistics Support**

- **Heavy Equipment Handling:** Cranes, forklifts, and other specialized machinery for safe and efficient loading and unloading of bulky or heavy items.
- **Packing and Kitting Services:** Consolidation of equipment and materials into kits for efficient delivery to job sites.
- **Transportation Integration:** Coordination with local and international logistics providers for seamless material movement across the supply chain.

## **Tailored Solutions for the Oil and Gas Industry**

Our warehousing services are uniquely positioned to address the challenges of oil and gas operations, including:

- **Storage of Critical Equipment:** From drilling tools to pipeline components, we ensure all equipment is securely stored and ready for deployment.
- **Management of Consumables:** Streamlined handling of everyday operational supplies, including filters, gaskets, and lubricants.
- **Support for Offshore and Remote Sites:** Customized logistics solutions for delivering materials to offshore platforms and remote locations.



## OUR PARTNERS & ASSOCIATES

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### Gas Sourcing Partners



### Equipment & Technology Partners





## CONTACT DETAILS

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