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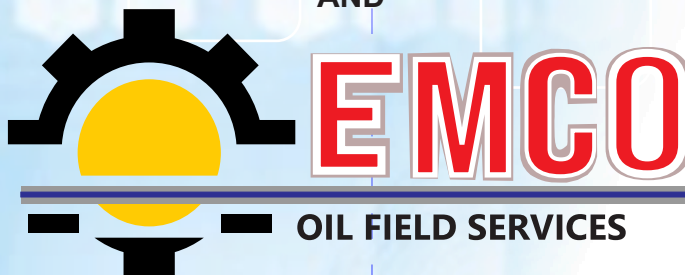
IN CONJUNCTION WITH



Sharing Technologies From Around The Globe

**ATAMAP ASSOCIATES INT'L LTD** 

AND



Company Brief

Engineering Procurement Construction





## Our Brief



In 2004, PROCON ENERGIE LLC was spun off as an independent organization to provide an industrial focus for knowledge and technology and to deliver high quality, engineering, consultancy and facility maintenance and operation services.

PROCON ENERGIE LLC has grown and developed steadily, recruiting both from local and outside the country and now has core competencies within the company in procurement services, engineering design, construction services and Installation. A diverse draft of specialist consultants, similarly drawn from many backgrounds, supports this core. Continued and strong links with outside bodies enables PROCON ENERGIE LLC provides clients with access to world class engineering and construction & maintenance solution.



## Our Core Value

We create palpable value for customers in all transaction

### Integrity

We do what we say we will

### Professionalism

We are guided by the highest levels of proficiency, skills and commitment in all that we do.

### Team Work

One way  
Only way

### Value

We create palpable value for our customers in all transactions on a mutually beneficial basis



## Our Vision

To build a reputation as the most trusted, admired and innovative services company in the Oil & Gas in Nigeria and the West African sub region.



## Our Mission

The mission of being truly a regional company has made our company to take advantages of modern technology to constantly re-design our services to provide a fast, efficient and competitive services to the manufacturing and oil & gas sector of the economy.

A vertical photograph on the left side of the page shows an industrial facility. It features a complex network of silver metal pipes, railings, and structural beams. The background is a clear blue sky. The image is partially obscured by a light blue horizontal bar at the top and a light green horizontal bar at the bottom.

# Our Services

Our core capability in industrial engineering procurement, construction and fabrication, facility operate-maintenance services and project management is continually being reinforced and augmented by investment in facilities, innovation and people.

- Engineering Design
- Fabrication & Construction
- Procurement Services
- Operation & Maintenance



# Services



## Industrial Engineering

- Plant / Facility 3D Analysis
- FEA, 3D Structural & Heat transfer analysis
- 3D Rapid prototyping
- Reversed Engineering
- Product Design
- Machinery repairs



## Engineering Design

- Conceptual
- Front End Engineering
- Detailed Engineering



## Fabrication & Construction

- Pipelines & Flow-lines
- Onshore & Offshore Structures
- Storage Tank & Well head etc
- Operation & Maintenance



## Procurement

- Procurement Services
- Supply chain management
- e-Procurement



## Operation & Maintenance

- Onshore
- Offshore



# Engineering

## INDUSTRIAL ENGINEERING

Procon Energie provides a wide range of services to the manufacturing and production industries, spanning the construction, electronics, energy, environmental, food processing research laboratory, marine and water processing industries.

*The cream of motivated staff provides*

- Plant/facility 3D analysis
- FEA/3D Structural & Heat transfer analysis
- Fatigue analysis
- Product Design
- New product development
- Reverse Engineering
- 3D rapid prototypes
- Custom fabrication
- Static and rotodynamic machine repairs
- Plant modification & retrofits



# Engineering



## UPSTREAM ENGINEERING

Procon Energie specializes in the detailed design and development of upstream and downstream oil gas facilities.

Our expert consulting engineers work with your company's project team to determine the most efficient and cost-effective strategies for project development.

Procon Energie develops innovative and cutting edge solutions for the upstream oil and gas industry, by leveraging on our core engineering,

- Conceptual
- Pre-Feed
- FEED
- Detail Design
- Project Management



The background of the page is a collage of industrial images. On the left, there are large, silver, insulated pipes and valves, likely part of a gas or oil processing plant. On the right, there is a close-up of a person wearing a blue denim jacket and a bright yellow hard hat. The overall theme is industrial engineering.

# Engineering

## MIDSTREAM ENGINEERING

- The Midstream Engineering Division of Procon Energie offers widespread expertise in consulting, design, engineering and start-up services for gas and oil processing plants – offshore and onshore. Our team of experts will design highly efficient systems to satisfy your current and future midstream needs.
- Our experts demonstrate a vast understanding of Midstream systems to help you maximize your rate of return. Procon Energie has expertise in development, design and maintenance of processing and pipeline facilities. All of our operations across the entire value chain are supported by our single greatest asset - our engineers.



- Comprising of a diverse knowledge base and years of experience, we support all of our projects with our superior expertise and internal synergy, making us the definitive market leader in front-end consultancy and execution of subsea, onshore in;
  - Flow lines and pipelines
  - Flow Station and Gas Plants
  - Storage Tank Terminals
  - Chemical and Petrochemicals
  - Transport and Processing
  - Refinery TAM





## DOWNSTREAM ENGINEERING

Procon Energie is your single source for all things - engineering! We are 100 percent committed to providing you innovative engineering solutions for your Upstream, Midstream and Industrial projects. We pride ourselves on talented, quality engineers and boast an impressive project portfolio. At PROCON, our focus is narrow but our vision is broad. We are devoted to providing the best engineering services available to meet the needs of your project in every possible way.

The teams that deliver projects have extensive and diversified experience, giving them the expertise knowledge in;

- Manufacturing Machineries
- Reverse Engineering
- Product Design
- Bulk Terminal and Industrial Plant Facilities






# Construction

## FABRICATION AND CONSTRUCTION

- FABRICATION & CONSTRUCTION
- PRODUCTION OPERATIONS
- CONSTRUCTION PROJECT MANAGEMENT



Procon Energie have dedicated equipment and team that ensures our services are of the highest quality and always conform to clients' exacting requirements. Striving to exceed quality standards, we aim to set ourselves apart from our competitors and give our clients additional advantages to working with us. We are committed to providing products and services that meet customers' requirements and relevant national and international standards on time, the first time. We continuously improve our organizational processes by monitoring, measuring and implementing quality systems that contribute to the overall effectiveness of our work.



# Construction

Our HSE staff maintains an awareness of safety in all of our employees through constantly scheduled daily toolbox briefings and frequent training sessions.

Our QA staff provides ongoing assessment of our fabrications at each step of the process. Accurate and Meticulous documentation accompanies each piece of equipment and we offer the best in;

- STORAGE TANK
- REFINERY TAM
- FLOW STATION
- MANUFACTURING
- PROCESS PLANTING
- PIPELINES AND FLOW LINES CONSTRUCTION GAS PLANT REHABILITATION



# Construction

## PRODUCTION OPERATIONS

Procon Energie is characterized by its stability in both the labor process and the equipment used in operations and we focus on technological operations and on the allocation of equipment for these operations. Our production operations involve the enterprise's construction of the technical equipment and the instruments needed for the manufacturing process.

One of the goals in achieving production optimization at Procon Energie is the combination of all technological, auxiliary, and servicing operations in space and time in such a way that an even rhythm of production is assured, conditions are recreated for a high level of labor productivity, and the fixed and working capital of the enterprise are used as effectively as possible. Procon Energie are known for the best





# Construction

## CONSTRUCTION MANAGEMENT

**WELL HEAD UPGRADE**

**PIGGING OF PIPELINES**

**FLOW LINES AND PIPELINES  
LEAK REPAIRS**

**FLOW STATION AND WELL  
HEAD OPERATIONS**

**MANIFOLD INSPECTION AND  
MAINTENANCE**

With its present staff, PROCON ENERGIE has the capability to perform 350,000 man-hours per year of construction professional management services.



Procon Energie have a CMMS software alliance package with MAPCON that maintains a computer database of information about an organization's maintenance operations, i.e. CMMS-computerized maintenance management information system.

Essentially, the CMMS is intended to help maintenance workers:

- **Do their jobs more effectively** (for example, determining which machines require maintenance and which storerooms contain the spare parts they need) and
- **Help management make informed decisions** (for example, *calculating the cost of machine breakdown* repair versus preventive maintenance for each machine, possibly leading to better allocation of resources).
- **Perform maintenance on equipment, assets and property.** Some CMMS products focus on particular industry sectors (e.g. the maintenance of vehicle fleets or health care facilities). Other products aim to be more general.
- **Produce status reports and documents giving details or summaries of maintenance activities.** The more sophisticated the package, the more analysis facilities are available.





# THE VARIANTS

There are four variants of the CMMS adapted to suite all applications:

## **1.0 MAPCON Enterprise.**

This Enterprise version is a Web-based enterprise-wide asset management for large, multi-site organizations.

MAPCON Enterprise puts MAPCON squarely in the Next generation of RICH INTERNET APPLICATIONS. This Enterprise version is a Web-based enterprise-wide asset management for large, multi-site organizations. The architecture ensures that your browser Is able to handle heavy duty, data intensive requests.

## **2.0 MAPCON Lite.**

MAPCON Lite is simply the best CMMS software for facilities and industry interested in a full featured maintenance management software

MAPCON Lite is simply the best Computerized Maintenance Management System software for facilities and industry interested in a full featured maintenance management software package with an price tag! Its a risk free way to grow your maintenance management system.

## **3.0 MAPCON Professional.**

MAPCON Professional Runs on Microsoft™ Windows Server in one location In your organization.

## **4.0 MAPCON On-Demand.**

MAPCON On-Demand is a new SaaS (Software as a Service) CMMS package billed to you on a monthly basis without any contractual lock-in. Better yet, there's no 'penalty' to upgrade or downgrade MAPCON On-Demand options.

# PROCURMENT

## e-Procurement

**Procon Energie** provides a robust procurement/supply-chain management system (direct and indirect procurement) for client's benefits. We provide value to our process through realized savings, efficiency and sustainability. We provide a robust system to support cost, quality and delivery of services to our client

### Services includes:

- Procurement and Contract management
- Purchasing
- Expediting
- Material control
- Inspection
- Logistics

We ensure that your procurement and contracting processes are successfully executed with the help of our qualified and certified procurement engineers who will prepare bid lists, pre-qualify proposed bidders, develop bid packages, issue them for bid, manage clarifications and responses to bidders, evaluate the bid and make recommendations for your approval.

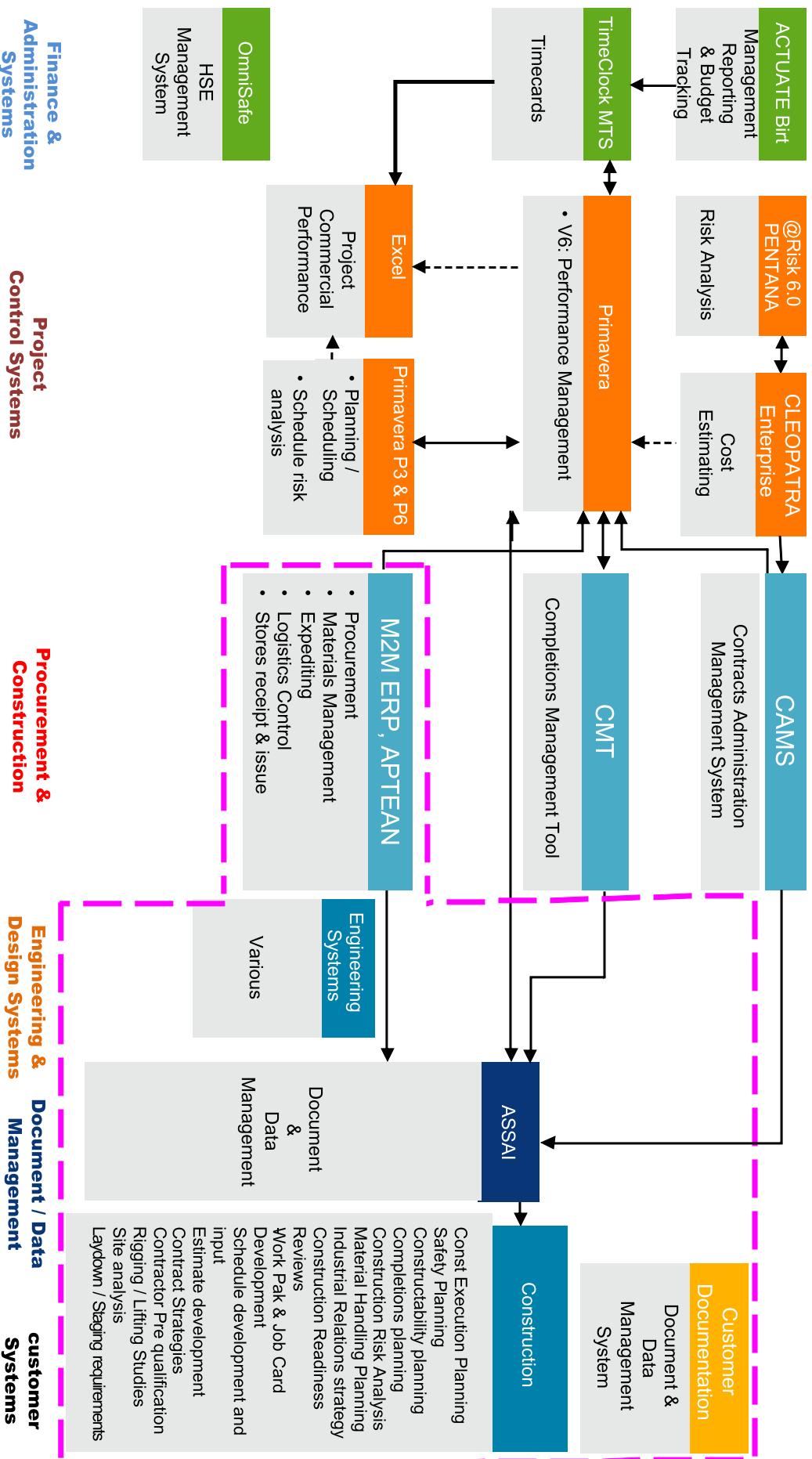
We deliver world class, customer-focused acquisition services with the highest degree of integrity and the cooperative effort of our partners.

Our aim is to confirm that all the necessary requirements to be considered for any procurement Project are clearly mentioned and referred to in the procurement documents and to ensure that suitable consumables and equipment's satisfying both the contractual and technical requirements are used in all phases of the project.



# Project Delivery System

## PROJECT DELIVERY SYSTEM OVERVIEW



Trans Amadi Office

**8, 190 sq. m. YARD LOCATED**



East West Office

Km 5, East West Road, Romuodara,  
beside Propel Filling Station, Port Harcourt.



# Technical support

A close-up photograph of a computer keyboard. A prominent red key with the word 'Help!' written in white is the central focus. Other keys are visible in the background, slightly out of focus.

## **MAPCON, USA:**

Computerized Maintenance Management System

## **NOVA OILFIELD SERVICES, UAE:**

manufacturers of all kinds of valves; globe valves, gate valves, butterfly valves, safety valves, ball valves, pressure relief valves e.t.c.

## **BYARS MARINE:**

we maintain a strategic alliance with BYARS MARINE to booster our fabrication capabilities.

## **POLYGON PROJECT ENGINEERS/1 WORLD, SA:**

Engineering Design and Construction support services.



# Our Clients

**ExxonMobil**

**MAPCON**

**DELTA AFRIK**  
ENGINEERING LTD

**SEPTA ENERGY**

**UPESEL**

**seplat**





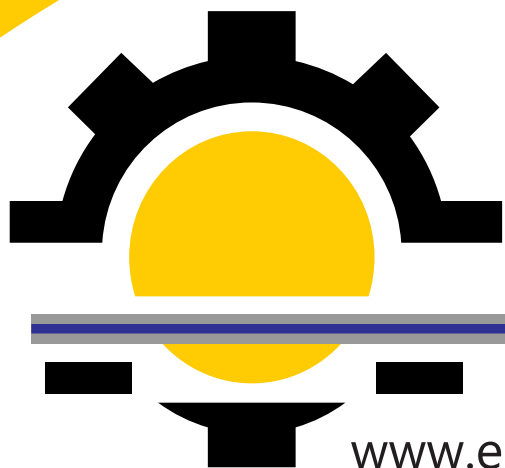
# Work Experience

| S/N |                                   | Project Title   |
|-----|-----------------------------------|---|
| 1   | MEXSSUB INC, USA                  | Fatigue Analysis and Finite Element Analysis (FEA) on 16" UBIT GC MEXSSUB Riser Clamp   |
| 2   | SPDC/BAYWOOD                      | Double Deck Floating Roof Detailed Engineering for Tank 201 (100,000m3) per API 650 - @ FORCADOS Terminal   |
| 3   | CHEVRON / BAYWOOD Continental Ltd | Tank 2 Roof Modification per API 650 - Double Deck External Floating Roof Detailed Engineering Design @ Escravos  |
| 4   | SPDC/ DEC OIL & Gas               | Engineering As-built documentation for TOTAL Nig Ltd Fabrication Projects   |
| 5   | BOVAS & COMPANY LIMITED           | FEED, Detailed Engineering Design and Construction of a 14,000.00 Litres of Lubricating Blending plant.<br>a) 10 Base Oil Tanks b) 8 Finish product tanks<br>c) 2 Sludge Tanks, d)1 Fire Water Tank,<br>e)1 Utility Tank, Associated piping / Structural and E/I. |
| 6   | NPDC/ KGG                         | Detailed Engineering Design , Procurement, Fabrication & Integration of NPDC Interim Metering System In OMLs 40 and 42 Assets (BATAN, OPUAMA, JONES CREEK, ODIDI 1 Flow station   |
| 6   | TURNKEY PROJECTS LTD              | FEED Design and Estimation of 6 Tanks for SIRIUS group  |



# Work Experience

| S/N |                                     | Project Title   |
|-----|-------------------------------------|---|
| 7   | CNL /OCO                            | Detailed Engineering Design, Construction Engineering and Project Management for Three (3) Nos CHEVRON Diesel Tanks at Escravos, Nigeria            |
| 8   | NAOC/ BAYWOOD                       | FEED and Detailed Engineering and Project Management of 6" x 32Km OGBAINBIRI – TEBIDABA Procurement support, Construction & As-built.               |
| 8   | SPDC/ MECHANICAL SYSTEMS LTD        | FEED Engineering Verification, As-built, of UMUECHEM Flow-station metering system   |
| 9   | Arthur Ferdinand / NPDC             | Design of 36" Pig Launcher and Receiver   |
| 10  | SPDC / LIBROD ENGINEERING LTD       | CCGP) Cawthorne Channel Gas Plant - Fabrication, modification & Installation of Domnik Hunter equipment and association piping and instrumentation. |
| 11  | KOHASA ENGINEERING                  | Project Management and Manpower Support   |
| 12  | OTAS PETROELEUM                     | Consultancy and Business Development  |
| 13  | SPDC / IKONIBO                      | Topside and Underwater Inspection of Soku Gas Power Plant   |
| 14  | Turnkey Projects / Esso Exploration | Design, Fabrication and Installation of surfer ladder on JASCON 20  |
| 15  | Turnkey Project / MPNU              | Fabrication, Inspection and Testing of 14" Pig Launcher and Pig Receiver for PFUP3  |
| 16  | Turnkey Project / MPNU              | Fabrication of UBIT GW Piping Works   |
| 17  | Turnkey Project / MPNU              | Fabrication of UBIT GY Piping Works   |
| 18  | SPDC/ DEC OIL & Gas                 | Engineering and Project Management Support for 18: Rumuekpe Pipeline Sectional Replacement  |



**EMCO**

**OIL FIELD SERVICES**

[www.emcoservices.com](http://www.emcoservices.com)



## ABOUT US

EMCO Oilfield Services Limited is an indigenous Oil and Gas Servicing firm that provides top-notch Engineering and Environmental solutions all over Africa.

Our company was incorporated in February 2003, and is accredited by DPR, NOSDRA, FME and other regulatory bodies to render services to Oil and Gas industry. EMCO is creamed with foreign and local technical partners and highly experienced personnel that provide quality and prompt services to the satisfaction of our clients.

EMCO is Nigeria leading oil and Gas servicing company. Our extensive product and service portfolio includes a wide range of oil spill containment booms, highly efficient oil skimmers (Vikoma), a robust spectrum of oil absorbent products, supply of safety equipment (EnviroGuard), transfer pumps (Selwood), Tier 1 and 2 oil spill response management environmental studies and sustainable development consultancy, environmental restoration services and maintenance support services. We also offer IMO Level 1 & 2 training courses and commissioning services amongst others.

We have a proven track record of competence with our customers over the past 15 years. Across every project, we utilize cutting-edge technologies to provide solutions and increase client satisfaction. Our corporate headquarters is at 8B, Bolo Street, D'Line, Portharcourt, Rivers State, Nigeria, with a branch office located at 29, Olanrewaju Street, off Billings Way, Oregun, Lagos State.



### Corporate Values

EMCO has attained global recognition as an industry Leader through applying our principles and values in every aspect of our operations. We are committed to our core values which guide our organisational conduct, strategic decisions and strengthens relationships with our clients and partners.



### Innovation

We are constantly improving on our existing technology and also on the skill set of our staff. We keep matching our methods and processes with current technological trends and customer service outcome requirements.



### Teamwork

We harness the skills, knowledge and abilities of our highly qualified and diversified personnel to deliver cutting-edge solutions. Solutions are delivered on team basis.




### Honesty

Our processes are made transparent, auditable and less ambiguous. Our staff are trustworthy and being honest is 100% requirement in our organisation.

To be the best Environmental and Engineering Services company in Africa.



# vision



To provide best-in-class Environmental and Engineering solutions through continuous improvement in our processes, products and people.

## Strategies

We will, through partnership and collaborations with technology owners, our OEMs, research companies, process designers, our qualified and talented personnel and other providers within and outside Nigeria, deliver first-class Environmental Engineering solutions.

## PARTNERS

### \*SELWOOD

**T**he largest privately owned UK Company serving the construction and allied industries, Selwood is recognised as one of the leading pump and plant, hire and sales companies in the country. Founded in 1946, Selwood has a nation wide branch network offering a number of complementary distributor network for its pumps, giving the company tremendous economies of scale from which services from one location as well as a worldwide customers can only benefit.

Selwood has designed and manufactured mobile site market areas both in the UK and Overseas, with 70% of pump units now being exported through a worldwide network. With a commitment to quality, safety and the environment, Selwood is proud to be one of the few companies within the UK that holds three recognised standards.

### SELWOOD PUMP RANGE

Selwood pumps is proud to deliver to you the highest quality contractors pumps, supported world wide by Local partners committed to outstanding levels of service. With a pedigree which spans seven decades, Selwood today is an innovative company or organisation or brand with a cutting-edge approach to customer service, product development, manufacture and quality. As such we have become the benchmark for both products and service and reliability, operating across the world in some of the most challenging environments and demanding of projects. Selwood manufactured pumps, synonymous with quality, longevity and our range includes the world leading Seltorque brand for handling solids, our own automatic Sel-priming Selprime system and our spate products for the environmental clean-up industry.

With decades of experience in the design and manufacture of pumps for the water, environmental and construction sectors, Selwood has a full product range for all applications including solids handling, high volume drainers, high head, hydraulic submersible, chopper and positive displacement pumps. Selwood-provide excellence, Passionate about service, and proud to deliver quality.



# ENVIROGUARD

*Global Compliance Solutions*

We provide customers with a complete line of safety equipment and other supplies for the battery room. Our product line includes a wide variety of safety and compliance products including spill containment, spill clean-up kits, protective detectors, battery watering carts, and much more.

#### ENVIRONGUARD PRODUCTS

EnvironGuard has been offering Global compliance solutions for over 20 years. Our battery spill containment solutions include compliance and safety products and services to ensure adherence to regulations within standby power battery rooms, telecom battery systems, solar power battery applications, motive power, and automotive applications. Our Facility safety business unit delivers products for compliance and safety in battery rooms, Data Centres and More.

We also offer a full line of Aptus rack products for the standby power industry that focuses on major Telecom, utility and Data Centers. Our comprehensive line of safety and compliance products includes spill containment, battery safety, personal protection, facility safety, and recycling products.



**Hi-Point  
industries**

1991 limited,  
New Foundland,  
Canada

**H**i Point Industries was incorporated in 1983 with a mission to develop eco-friendly oil absorbent materials for the containment of hydrocarbon spills. Today, the Canada owned company manufactures a wide range oil absorbent and secondary containment products. Products being manufactured include Oclansorb, Sorb-Sox, Horticultural Peat Moss, Floating oil containment Boom, Flexible Containment Berms, Flex Tanks, Spills Kits and other custom products. Oclansorb is the only product of its kind worldwide and we at EMCO are proud to be the exclusive distributors of Hi-Point industries in Nigeria.



## Spill Containment Systems

EnviroGuard designs, manufactures and sells the only patented, UL Listed, FM approved spill containment system on the market. Federal and State Fire regulations and countless other Laws require spill containment for stationary Lead Acid battery systems typically used as standby sources of power for those industries where a continuous flow of electrical power is required.

The EnviroGuard system uses durable designs built from quality materials and a proprietary non-gassing pillow system to quickly absorb and neutralize electrolyte in a manner that allows proper disposal. Protection of the environment and personnel from the hazards of damaged or leaking batteries with EnviroGuard spill containment systems.

EnviroGuard spill containment, safety products and services ensure compliance within standby power battery applications for telecommunications, uninterrupted power systems, renewable power, utility switchgear and control, motive power, railroad and more.

### The Best Spill Containment Systems



#### THE EAGLE

Used in wet-cell battery applications, the Eagle is a UL Listed, Patented, Liner based, spill containment system that complies with Local, State and Federal Regulations. It has a class 1 fire rated, corrosive resistant, pre-formed Liner and Metal barrier walls with an acid-resistant, safety yellow coating.

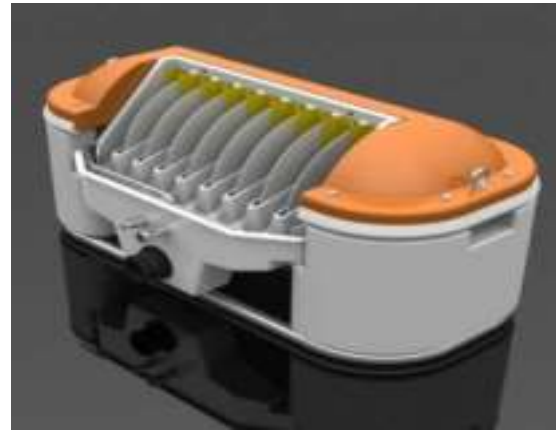


**ENVIRONMENTAL  
CHEMICAL SOLUTION,  
USA. (GOLD CREW)**

EMCO and Environmental Chemical Solutions proudly introduce today's Gold Crew Line of products. Since 1966 Gold Crew has been used to meet Health, Safety and Environmental obligations business and industry face by producing, transporting and using petroleum based products. The product that launched the entire line, Gold Crew Oil Spill Dispersant, is a biodegradable water based solution making effective, economical and of low aquatic toxicity. Gold Crew's products are cost competitive, internationally supported and remain the premier name in value.



**VIKOMA INTERNATIONAL LIMITED, ISLE OF WIGHT, UK**  
 Vikoma was founded by BP in 1967, Vikoma is a world leader in the design and manufacture of oil and environmental control solutions. They currently have representations in 65 countries and equipment working in over 120 countries. Vikoma offers design, manufacture, sales and commissioning of oil spill containment booms, recovery systems, offshore storage systems, vessels and ancillary equipment for oil spill operation. EMCO have accumulated firsthand experience of oil spill cleanup operations in the Niger Delta and offshore areas. EMCO is the official authorised exclusive partner with responsibility for distributing and supporting Vikoma products in Nigeria,



## WASTE MANAGEMENT

As an environmental service provider, EMCO develops waste management solutions for our clients using our scientific laboratories and engineering processes. Oil sludge generated from upstream and downstream oil sectors are subject for treatment with EMCO's self manufactured solution, "STORM"-15 in combination with Bio-remediation methods (Natural Hydrocarbon Solution KX100). EMCO provides unique scientific integration of the natural non-toxic agent in a high-tech process of mechanical oil-sludge recycling, followed by bioremediation of cake. EMCO AG's technology allows extracting high-quality petroleum from the oil sludge, without affecting the chemical structure of hydrocarbons. The distinctive feature of EMCO's technology is separation of oil Sludge into solid and Liquids.

Our automatized machinery complex STORM-15, provides the extraction of sludge from the whole volume of storage and its further effective recycling including the separation into solid phase, liquid hydrocarbons mixture and water.

The agent NHS (KX100) developed by the company is used in the technology to intensify the separation of the Liquid hydrocarbons mixture from water and solids.





## OUR SERVICES

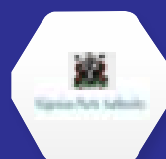
EMCO offers comprehensive and superb Environmental and Engineering support services to the Nigeria Oil and Gas industry. These services include the following

- 1 Establishment and Management of Tier 1 & 2 Oil Spill Response.
- 2 Environmental Restoration and Remediation Services.
- 3 Oil Spill Response Equipment Procurement, Supply and Rental Services.
- 4 Well intervention and Well Head Maintenance Services.
- 5 Environmental Studies (E.I.A, P.I.A.R, E.S.R).
- 6 Waste Management.
- 7 Drilling and Completion Fluids Services.
- 8 IMO Level 1 & 2 Courses Training Commissioning Services.
- 9 Maintenance Support Services

## Our Partners



## Our Clients





# Our Previous Jobs Done





\*36 Julius Nyerere Crescent, by ECOWAS Headquarters, Asokoro, Abuja

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[www.proconenergie.com](http://www.proconenergie.com)

[www.atamapassociates.com](http://www.atamapassociates.com)