

# SEABRA

GLOBAL  
ENGINEERING  
SOLUTIONS.  
SINCE 1947



## GROUP PRESENTATION

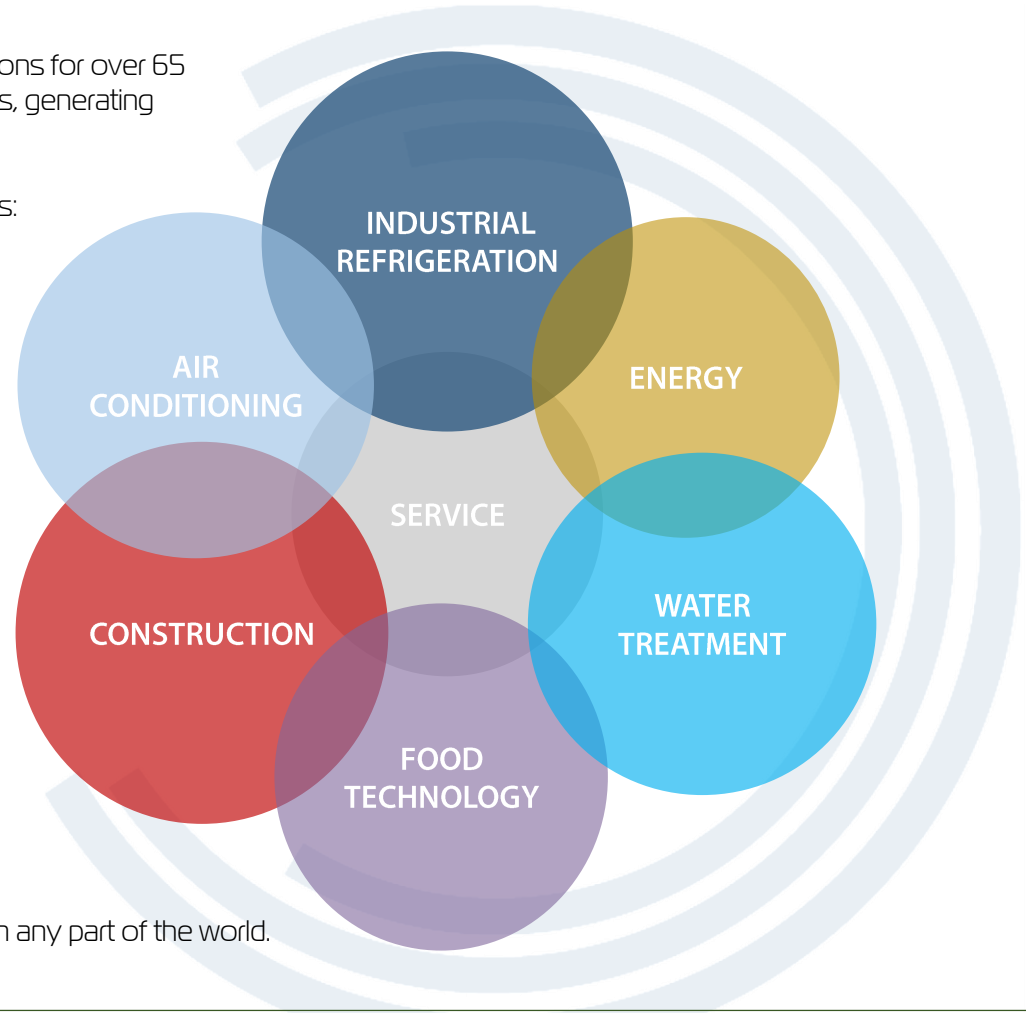


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[www.seabraglobal.com](http://www.seabraglobal.com)

Seabra Group develops and execute engineering solutions for over 65 years, providing always innovative solutions to its clients, generating add value to their business.

Seabra is a specialized group in 7 activity business areas:



Our companies has the ability and experience to work in any part of the world.

# KEY FACTS

- ✓ More than **65 Years** of history
- ✓ More than **600 employees**
- ✓ **25 Companies**
- ✓ **9 Countries**
- ✓ **90% of Exports** in 2013
- ✓ Turnover in 2013 over than **150M USD**
- ✓ Works Portfolio above **300M USD** in Dec 2013
- ✓ Turnover for 2014 over than **200 M USD**
- ✓ HVAC Market Leader in Angola
- ✓ Refrigeration Market Leader in Venezuela

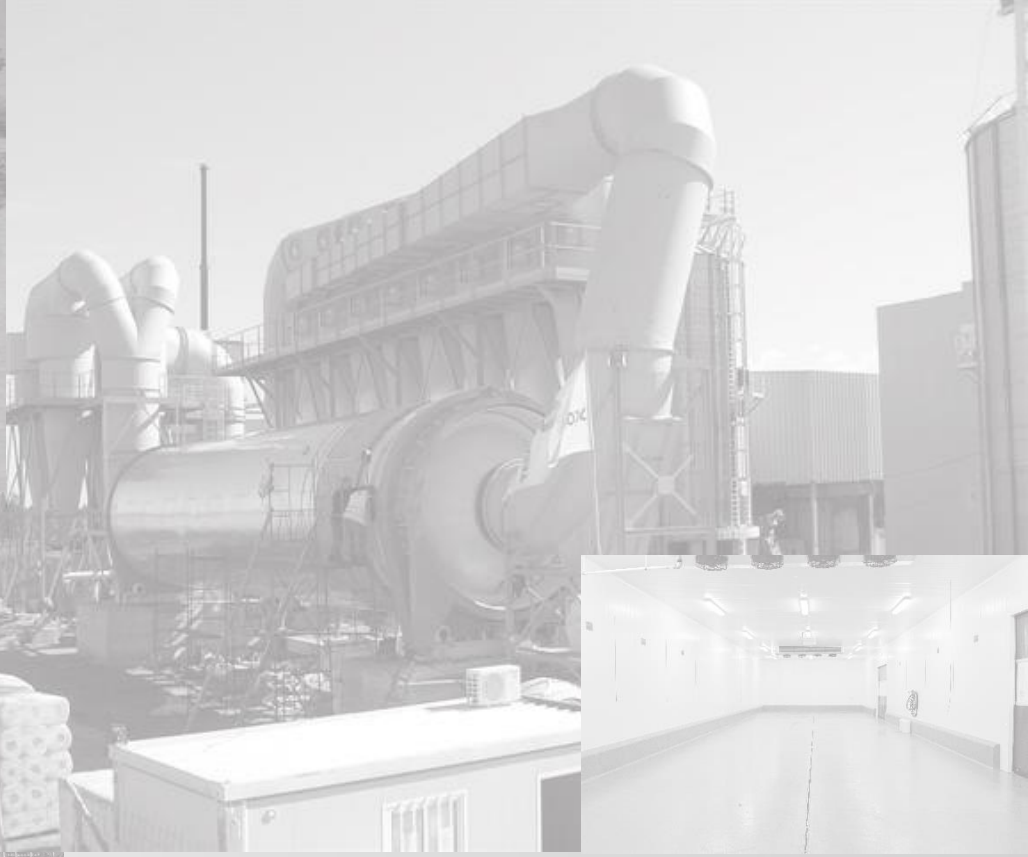


# WORLD PRESENCE



WE ARE PRESENT: PORTUGAL • ANGOLA • ALGÉRIE • EQUATORIAL GUINEA • MOZAMBIQUE • SAUDI ARABIA • SPAIN • UNITED ARAB EMIRATES • VENEZUELA

WE DID WORK: BRAZIL • CAPE VERDE • FRANCE • MORROCO • SAO TOME AND PRINCIPE • SOUTH AFRICA • TIMOR



# OUR PRODUCTS



# SEABRA



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H SEABRA is the company group which operates on industrial refrigeration sector. It designs and executes competitive industrial refrigeration facilities in all agro-food market segments as meat, fish, logistics, dairy, beverages, ice, food distribution, fruits & vegetables, and chemical & pharmaceutical:

- ✓ **Controlled temperature Logistics Warehouses**
- ✓ **Large Picking areas for frozen and chilled products**
- ✓ **All kind of Ammonia and CO2 refrigeration plants**
- ✓ **Slaughterhouses**
- ✓ **Fruits and Vegetables warehouses**
- ✓ **Medical Warehouses**
- ✓ **Dedicated refrigeration solutions, to suit the type of stowage**
- ✓ **Food Stores**
- ✓ **Freezing Tunnels VRT**
- ✓ **Ice Plants**
- ✓ **Cube, Flake, and Plate Ice Machines of all capacities.**
- ✓ **Maturation Rooms**
- ✓ **Storage Rooms for all kind of chilled or frozen products**

And Other solutions...



**PRIME AIR** is the company group which operates on Air Conditioning sector. It's specialized on HVAC (Heat Ventilation and Air Conditioning) systems all over the market segments as **Industry, Commerce & Services, and Residential**, as well as integrated solutions, such as:

- ✓ **HVAC Systems for Industrial, Commerce & Services, and Residential plants**
- ✓ **Rooftop Systems**
- ✓ **VRF Systems**
- ✓ **CMV (Controlled Mechanical Ventilation)**
- ✓ **Split and Multi Split System**
- ✓ **CO2 Control systems to unsmoked parking**

And Other solutions...



HIDROTEK is the company group which operates on water treatments and environment sector. It's specialized on hygiene and water treatments services in all market segments, as **human consumption waters, industrial waters, residential waters, swimming pools and entertainment equipment's, project build, and *legionella*.**

- ✓ **Osmosis**
- ✓ **Ultrafiltration**
- ✓ **Water Treatment Plants**
- ✓ **Waste Water Treatment Plants**
- ✓ **Swimming Pools**
- ✓ **Jacuzzis**
- ✓ **SPA's**
- ✓ **Industrial process waters**
- ✓ **Legionella analysis and monitoring**
- ✓ **Water hygiene**

And Other solutions...



**HIDROTEK**  
WATER TREATMENTS



TERAWATT is the company group which operates on energy and communications sector. It's specialized in energy and communications infrastructures, in each market segments, as Energy Production, VHV (Very High Voltage and High Voltage), MV and LV (Medium Voltage and Low Voltage), WIT (Work in Tension), Communications Systems, and Buildings Security Systems.

- ✓ **Mini Hydric Centrals**
- ✓ **Power Plants**
- ✓ **Very High Voltage and High Voltage Lines implementation**
- ✓ **Medium voltage and Low voltage aerial and underground lines implementation**
- ✓ **Substations design and implementation**
- ✓ **Aerial and underground transformation stations remodeling and execution**
- ✓ **Public lighting networks**
- ✓ **Works in Tension**
- ✓ **Communications infrastructures: Fixed, Mobile and ADSL**
- ✓ **Security systems: Fire detection, Explosive Gas detection, Sprinklers and surveillance systems**

And Other solutions...

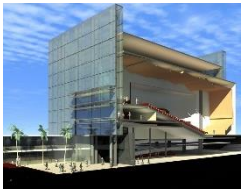


**TERAWATT**  
ENERGY AND  
COMMUNICATIONS

ENTEK is the company group which operates on the construction sector. It's specialized in public and private works, building infrastructures in each market segments, as Communication Routes, Industrial Works, Cities development, Railroads, Environment, Education, Health and Sports infrastructures.

- ✓ **Industrial Units (Logistic warehouses for all kind of products storage)**
- ✓ **Communication Routes**
- ✓ **Subsystems of water supply**
- ✓ **General storage of the railways (Line protection and conservation)**
- ✓ **Urban requalification and development**
- ✓ **Student houses, universities and schools**
- ✓ **Health centers, hospitals and medical stores**
- ✓ **Stages centers and Multisport pavilions.**
- ✓ **Special technical facilities**

And Other solutions...



FOODSYSTEMS is the company group which operates on food technology sector. It's specialized in all of agro food industry processes, it designs and executes industrial facilities in each market segments, as **Meat (Bovine, Pork, Sheep and Goats), Fish, Dairy, Beverages, and Fruits & Vegetables.**

- ✓ **Slaughterhouse lines of bovines and pork (cut, refrigeration, packing, freezing and storage)**
- ✓ **Mechanized routes for quick freezing**
- ✓ **Cutting rooms**
- ✓ **Fattening and slaughtering chickens**
- ✓ **Melting fat rooms**
- ✓ **Fish flour**
- ✓ **Meat and feathers flour**
- ✓ **Airways lines**
- ✓ **Elevation and transport equipment's**
- ✓ **Other several agro food industry equipment's**

And Other solutions...



**FOODSYSTEMS**  
FOOD TECHNOLOGY

Seabra Service is the company group on facility services sector. It's specialized in **technical assistance and maintenance services** in each activity areas of Seabra Group: Industrial Refrigeration, HVAC, Energy, Water Treatments and Food Technology.

- ✓ **Preventive, Predictive and detective maintenance for industrial and service facilities**
- ✓ **Total productive maintenance (TPM)**
- ✓ **Supervision systems (tele-maintenance)**
- ✓ **Maintenance process optimization**
- ✓ **Contract management**
- ✓ **Driving facilities**
- ✓ **Training Actions**

**For all Industrial and Services facilities**

And Other solutions...



**SEABRA**  
SERVICE



## SEABRA MIDDLE EAST

REFRIGERATION - AIR CONDITIONING - ENERGY SOLUTIONS - WATER SOLUTIONS



SEABRA MIDDLE EAST is the first player in this market that coordinates and harmonizes 4 engineering specialties: **INDUSTRIAL REFRIGERATION, AIR CONDITIONING, ENERGY SOLUTIONS** and **WATER SOLUTIONS**, with multidisciplinary teams in their assessment and validation, in addition to ensuring technical assistance the work.

With over 65 years of experience in the international market, we seek to serve our clients with added value innovative solutions to their projects and businesses. **SEABRA MIDDLE EAST** has a team of 600 professionals all over the world, experienced and qualified in all competences of construction management, developing rigorously all work supervision, financial monitoring and scheduling.

We ensure the most complete quality control of materials, equipment and methods of execution of all contracts and supplies always focused on energy efficiency strategy.





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**HIDROTEK**  
WATER TREATMENT  
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