



AGRICULTURAL ENGINEERING



For the development of ecological and responsible agriculture on the African continent to increase production to fight famine, reduce water consumption.



OUR VISION

Is to contribute to the wealth and prosperity created through a profitable and sustainable processing of agricultural raw materials so that all have access to quality food and nutrition.

OUR MISSION

It is to contribute to the reduction of global warming, achieve sustainable development and ensure food and health security in Africa.

Our projects enable entrepreneurs and farmers to transform their natural resources into value-added industrial products.

We provide appropriate financing mechanisms for agriculture and food production.

OUR APPROACH

Is to propose the best available technologies for sustainable agricultural development and to guarantee a sustained increase in production, food security, reduction of water consumption as well as environmental protection within the framework of "market in hand".

We offer innovative market-to-hand solutions for the production and processing of raw materials, based on integrated expertise in trading, engineering, and financing.

1

We put commercialization at the beginning of the value chain. To investors, we offer projects, based on market demand with an approach oriented towards guaranteed quality.

2

We offer "market in hand" projects. This means that we supply not only the latest machinery, but also the necessary auxiliary equipment, building, engineering, civil works, and staff training. After commissioning the plant, we provide management, technical and commercial support.

3

We focus on the client's particular situation and on a unique financing system. We can arrange marketing and provide a buyback agreement to the investor. With this, the income in hard currency, necessary to repay the investment, is secured from the beginning of the project.

OUR PROFIL

The G.I.E. AFRICA AGROBIO is the meeting of three entities that share the same objective of providing the African agricultural world with a new approach allowing a better yield while reducing their water consumption. We offer support for the development and implementation of agricultural projects and investments "market in hand". We operate in collaboration with several international partners to provide a variety of tailor-made projects ranging from agriculture to forestry to the processing of agricultural products to the food industry.

We work with leading international manufacturers with the latest production and process technologies.

Our partners have extensive experience in the production and processing of agricultural products, international trade in food products, especially in fruit and vegetable concentrates as well as in current financing instruments. Now, this experience is available to our customers as part of our innovative and integrated approach to agricultural processing.

Our competitive advantage is a combination of expertise in engineering, agriculture, trade, and financing. We develop projects in close collaboration with our customers. We provide specialized knowledge, market analysis, demand, availability of agricultural raw materials in recent years, available manufacturing equipment, infrastructure as well as financing mechanisms.

The local context is always at the center of our concerns. We enable our clients to use their creativity and entrepreneurial spirit to grow their economy. Considering an often unstable and expensive energy supply, we have equipped our "market in hand" projects with facilities for transforming waste into heat and electrical energy, necessary for its self-supply.

The surplus electrical energy produced can be made available to local authorities.

THE FOUNDERS

The creation of the Economic Interest Grouping AFRICA AGROBIO is the meeting of three men who share the same vision of the development of eco-organic agriculture on the African continent with the development of solidarity farms for the production and processing plants of agricultural products within the framework of a "market in hand" contract with respect for the environment and the sustainable economy.

Philippe DUBOURGNON - Administrator - President

Leading several companies in France and North Africa in the agriculture and agribusiness, condition monitoring, waste management and commercial distribution sectors.

Specialist in the management of industrial processes and their maintenance, markets in hand in the agricultural sectors as well as the marketing of industrial products.

Attentive to viable innovative solutions for environmental protection and sustainable economy.

philippe@africa-agrobio.com

Oumarou GARBA - Administrator - Director of External Relations

Specialized in consulting in the development and financing of agricultural projects.

As a business leader since 2010, his professional relations span all continents.

Concerned about the agricultural development and industrialization of the African continent

oumarou@africa-agrobio.com

Yawo KUWONU - Administrator - General Coordinator

Entrepreneur. The field of well-being and health are his favorite areas.

Having contributed to many achievements in Africa of the construction of dispensaries, reprocessing and recovery of waste as well as solidarity farms with the TOGO-ASSIST Association, the development of agriculture and good nutrition on the African continent remains one of its major concerns.

yawo@africa-agrobio.com

OURS PARTNERS

We have chosen our partners with the utmost care. We share the same approaches and objectives for the development of responsible and sustainable agriculture on the African continent while preserving nature, based on concrete and economically viable achievements.



Mr. Salah BARBARY is the inventor and creator of the hydro-retentors fertilizers "Barbary Plant", a method of fertilization on all types of soil, invented in 1986 and obtained the Prize for Inventions and New Techniques, Gold Medal Geneva 1987.

His invention was registered and patented by the World Intellectual Property Organization (WIPO), Gold Medal 1987.

The results obtained in several countries, supported by official laboratory evidence reports, demonstrate, and show that this solution is perfectly in line with the current trend of fertilizer reduction and aggressive pesticides and shows a growing interest in organic agriculture.

REFERENCES

Barbary Plante products have been widely evaluated & used over the last thirty years and many reports and studies are available in countries such as China, Israel, Tunisia, Burkina Faso, Egypt, Qatar, Dominican Republic, Switzerland...

Agro France International

Is a group of companies created by Mr. Salah BARBARY to develop its activities in the fields of industry, international trade, wholesale (inter-company trade), various industrial supplies and equipment as well as the agricultural real estate market.

Agro France International Group is manufacturer of specific hydro retaining fertilizers NPK and UREA marketed under the name of BARBARY PLANTE and food products (fruits and vegetables, olive oil, ...) that it distributes and exports on several continents.

Thanks to its international network, it has a great capacity to provide many products or "commodities" (UREE, NPK, wheat, sugar, but ...) with very competitive prices.

Agro France International Group brings together several companies located in France, Great Britain, Arab Emirates, Egypt, Tunisia, Santo Domingo, India, China, ... with sales agents in 64 countries.

OSTERTRADE

Engineering & Manufacturing

Was founded in 1989 and began its activity by marketing food products, agricultural machinery, and equipment with the Soviet Union.

In 1992, the company made various operations of financing rental and sale of plant and machinery for the food industries with Hungarian companies, to start a few years later the sale of food grains and tomato paste.

With development opportunities in the engineering sector, she started selling projects "market in hand", where she gained good experience in food processing plants, chemical plants and finished products.

It is very competitive in all sectors due to its very good relations with large international companies in relation to its sector of activity.

Today, it offers agricultural and food facilities "market in hand" where it ensures the marketing of agricultural and food production such as tomato paste as well as different types of fruit or vegetable pastes.

REFERENCES

A chronological list of completed projects

- 2016 SUPERTEK FARMS, KUDU, NIGER STATE, NIGERIA
- 2016 GREGORY UNIVERSITY, UTURU, ABIA STATE, NIGERIA
- 2013 THE GOVERNMENT OF RAVEL SA STATE RAVEL SA NIGERIA
- 2010 BIOCONSERV SRL, FOCSANI-VRANCEA, ROMANIA
- 2007 FOODYARD HOLDING JSC. SOFIA. BULGARIA
- 2006 YUTECO FOODS, CBOKO, BENNUE STATE, NIGERIA
- 2005 MEGAFOOD, WANNUNE, BENNUE STATE, NIGERIA
- 2002 ARIAN TABRIZ, TABRIZ. IRAN
- 1998 SEA PROD SRL. JUD. DOLI. ROMANIA
- 1993 KAMAZ TRUCK, NABEREZHNYE CHELNY, RUSSIA
- 1992 METALLUIDICAILD LANT. OMTNINSK. RUSSIA
- 1989 HOSSZUHEGY. HOSSZUHEGY. HUNGARY
- 1988 BÁCSSZÖLLÖS, BÁCSSZÖLLÖS, HUNGARY
- 1986 MATESTAIKA NATECTAIKA HINGADY
- 1984 HOTEL DES MANGUES, YAOUNDÉ, CAMEROON

OMPECO

It designs and manufactures waste treatment equipment for the civil and military sectors worldwide.

The parent company OFFICINE MECCANICHE PEJRANI S. A. S. (OMP) was founded in 1973 by engineer Luigi Pejrani.

The global interest in environmentally friendly projects led OMP to expand its activities to research and development of new technologies and in 2001, patented its Converter process.

This process has transformed the traditional approach to waste treatment, allowing waste to be treated directly on site.

In 2008, We have developed conversion technology to treat any type of waste to produce a safe and certified solid fuel.

In 2014, OMPeco was launched as OMPECO S.R.L. as a separate company.

REFERENCES

Some references

CONVERTER NV equip NATO naval vessels of the navies of Italy, France, the United Kingdom, New Zealand, Australia... as well as many pleasure craft and oil platforms.

CONVERTER H equip many hospitals such as South Africa, Botswana, Panama, Montenegro, Russia, Peru, Brazil, South Korea, New Zealand, Turkey ...

CONVERTER MO equip many hotel complexes, shopping centers, airports, ports... in many countries such as the United Kingdom, the USA, the United Arab Emirates, the France...



A design, procurement and construction company that can create effective and efficient solutions for the treatment and disposal of solid waste.

The company owns the intellectual property of various processes, including the high-performance solid waste pre-treatment process with very low pollution through the slow combustion process and high-quality liquid fuel production process designed to improve the energy recovery of waste avoiding its impact on the environment.

It offers efficient solutions, able to adapt to natural changes in the quantity and quality of waste generated, develops its systems with a modular philosophy.

The modular approach allows systems to grow as processing needs change, ensuring even higher levels of reliability and availability as maintenance on individual modules does not compromise the operation of the entire system.

In addition, the availability of small smart modules gives the possibility to treat waste close to their production site, thus avoiding costly logistical costs.

REFERENCES

Units for the transformation of solid organic waste into heat and electrical energy by the slow combustion process are installed for the integrated management of urban and industrial waste; in Indonesia (oil base), in a Caribbean Island, in Alaska (USA), in Wyoming (USA), in a Pacific Atoll, in Washington (USA)...



Monaco Euro Méditerranée is a Monegasque company created in 2012 after the purchase of the patent and the takeover of the existing production farm (4 ha) in Portugal of Zoysia Tenuifolia.

The core business of this international company is the production of 100% natural grass in slabs and rolls, marketed under the name GAZON PHENIX.



GAZON PHENIX is particularly suitable for hot and arid countries because it is very resistant to high temperatures (60°C) and its very low water requirement. It is perfectly suited to retain sand from the dunes and participate in the green barriers project.

It collaborates with a wide range of economic actors: individuals, garden centers, landscapers, professionals, design offices, architects, golf courses, sports areas... and is present wherever the need for grass must rhyme with quality, requirement, water saving and sustainability.

A positive Carbon footprint

This 100% natural plant, not genetically modified, can easily constitute a real lung in the heart of urban agglomerations.

250 m² of this grass makes it possible to produce the necessary oxygen and capture as much CO₂ as 250 m² of tropical forest.

This plant thanks to the density of its foliage allows a better capture of particles (pollen) and polluting gases present in the atmosphere.

A fight against the scarcity of our water resources

GAZON PHENIX saves more than 60% of water compared to ordinary grass. It can even be watered with brackish water thanks to its high tolerance to salinity.

Respect for groundwater

Every year, a GAZON PHÉNIX football field saves for future generations the equivalent of the annual water consumption of more than 2,800 inhabitants of the African continent.

Powerful control of soil erosion by water and wind

The grassed surfaces of this turf guarantee the long-term stability and balance of the soil. The soil will be protected from erosion thanks to its high density and the depth of its rhizomes of up to 30 cm.

By controlling soil erosion and organic decomposition, turf provides effective protection of the soil and water reserves.

By controlling soil erosion and organic decomposition, turf provides effective protection of the soil and water reserves GAZON PHENIX (Algeria, USA & Middle East) and to develop the production of Zoysia Tenuifolia grass seeds.

REFERENCES

Farms producing GAZON PHENIX are in Portugal, Tunisia, and Qatar.

PROJECTS " MARKET IN HAND"

DEFINITION

- The **"turnkey"** factory sales contract consists of supplying an industrial complex in accordance with the technical specifications established by the customer. The supplier has no responsibility for plant management and training of local staff.
- The **"product in hand"** factory sales contract corresponds to the purchase of a complete and operational industrial complex as well as the skills necessary to operate it. The supplier is therefore committed to delivering a functioning plant with trained and productive personnel. In addition to the supply of an industrial complex, this type of sale involves a management contract. Indeed, to achieve this objective of proper functioning, the contract may include a series of services such as sales of capital goods, raw materials, an internal audit, feasibility studies, a financing plan, training and technical assistance, the sale of documents and plans, the licensing of patents, brands, models, know-how, etc. It is a complex operation in which exporting companies are led to sell or transfer part of their know-how. For this reason, it is considered technology transfer.
- The "Market in hand" factory sales contract includes, in addition to the obligations contained in the "product in hand" sale, the supplier must guarantee the marketing of part of the production, often by buying it itself and offering commercial training and marketing assistance.

OUR SOLUTIONS ENABLE

- Reduce water consumption
- Improve crop yields
- Transforming agricultural production locally
- Protect the environment

AGRICULTURAL PRODUCTION

AGRICULTURAL PRODUCTION FARM

We advocate an agroecology where agronomy is at the center of the redesign of production systems to preserve natural resources.

Our approach reduces water consumption, increases yields and improves economic results and environmental performance.

We accompany you to create your farm of production of fruits, vegetables, cotton, ..., grass 100% natural as part of "market in hand".

ENGRAIS ÉCOBIOLOGIQUE

The results of our agricultural production farms are based on the experience and skills of our partners AGRO FRANCE INTERNATIONAL HOLDING and the use of Barbary Plante G3 EVOLUTION Hydro-Fertilizer Holders.

The living seed germinates and creates roots that will penetrate the particles of HRF BP G3 EVOLUTION NPK / UREE / DAP to find water and nutrients.

Eventually, the young plant will find nutrients to grow and develop a particularly developed root system that will optimize the absorption of all traditional nutrients applied at a later stage.

The abilities of the HYDRO RETENTOR FERTILIZER Barbary Plante G3 EVOLUTION lead to a sustainable improvement of all types of soils with regular yields that increase as proven in numerous field tests carried out.

AGRICULTURAL PROCESSING

FRUIT & VEGETABLE PROCESSING PLANT

We offer "market in hand" projects with support for agricultural production, complete engineering, all production equipment, and technical assistance to management.

We organize the commercialization, and we propose a production buyback agreement to investors with a unique financing system to secure the project with financial institutions.

Examples of processed products subject to counter purchase contracts such as tomato paste, fruit purees, starchy apple starch ...

RECOVERY OF WASTE INTO ENERGY

Africa AgroBio SIGMA "Pollution-free"

Considering an energy supply that is often unstable and expensive, we propose our projects "market in hand" with a unit for transforming the waste generated by the production and transformation activities into heat and electrical energy necessary for the self-supply of the factories.

The surplus electricity produced can be made available to nearby local communities with the possibility of also treating their organic solid waste.

Africa AgroBio Diesel - Synthetic liquid fuel

Standardized Solid Recovery Fuel (SRF-N) into liquid hydrocarbons.

This technology, through a process of cracking organic matter and its subsequent distillation, can transform the Standardized Solid Recovery Fuel (SRF-N) into liquid hydrocarbons with characteristics similar to those of diesel fuel.

The fuel produced by Municipal Solid Waste (MSW) has the same density and calorific value as fossil fuels with a Sulphur content generally less than 0.5%.



AGRICULTURAL ENGINEERING

**VOTRE PARTENAIRE
FOR ALL YOUR AGRICULTURAL PROJECTS**

G.I.E. Africa AgroBio
300 Chemin de Pinchinade 06370 Mouans-Sartoux
921 626 735 R.C.S. Cannes
contact@africa-agrobio.com / www.africa-agrobio.com

