



OCP

AFRICA



years



OF CONTRIBUTION
TO FOOD SYSTEMS
DEVELOPMENT
IN AFRICA



This report is available in digital edition, animated and enriched with videos. Scan the QR code to access it. The report is also available via the link below www.ocpafrika.com/5yearsreport





His Majesty the King Mohammed VI, may Allah assist him



“ We are seeing the beginning of a green revolution in Africa. Africa will be the locus of solutions for global food security challenges and not problems as often represented. We can reverse that trend if we strive to process our natural resources for the continent.”

Mostafa Terrab
Chairman and CEO of OCP Group



Created five years ago, OCP Africa capitalizes on the century-old experience of its parent-company OCP Group to contribute to the sustainable development of African agriculture.

Present in the continent through 12 subsidiaries and two representative offices, with 17 African nationalities, OCP Africa is proud to belong in multicultural Africa and work with a network of public and private partners.

Our core business is supplying customized fertilizers, but our commitment does not end there. With our partners, we provide customized solutions to smallholder farmers following the local soil-crop-environment system and agronomic practices. Through supportive programs, we help smallholder farmers learn best agricultural practices and manage their activity more sustainably. We also contribute to building a more robust financial and insurance environment for their business to thrive. Research and Development are at the centre of the future challenges of agriculture in our continent, so OCP Africa is intensely involved in sustainable agricultural development, integrated management of soil fertility and climate change.

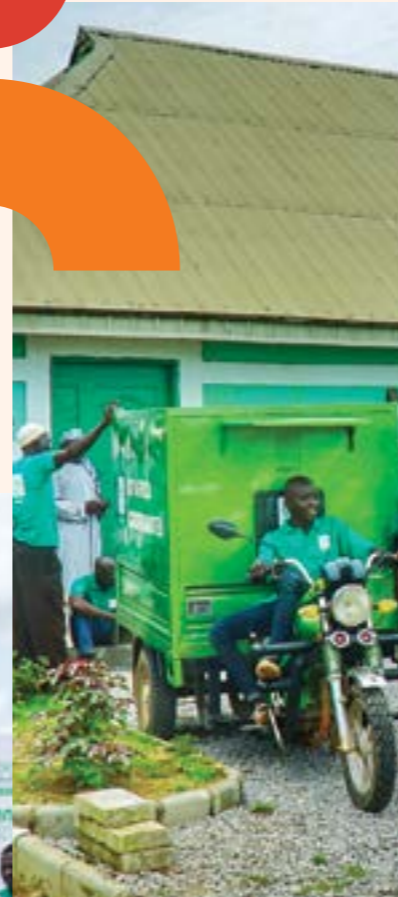
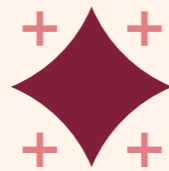
In the last five years, we assisted African smallholder farmers transitioning from simple subsistence agriculture to commercial farming. This report tells the story of that transition.

This activity report reiterates our firm belief that Africa can become a global sustainable agriculture leader using its own human and natural resources.

I wish to thank our African and international partners, all employees in OCP Group and its subsidiary, OCP Africa, for their commitment, benevolence, and willingness to share intelligence and knowledge.

I conclude by paying homage to Karim Lotfi Senhadji for his outstanding leadership during his 2016-2020 term as CEO of OCP Africa.

Dr. Mohamed Anouar JAMALI
CEO OCP Africa
April 2021





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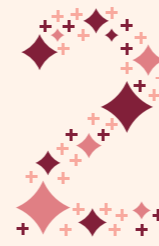
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THE AFRICAN DREAM

African states have relied heavily on agriculture in the past few decades to ensure their development, as evidenced by the numerous efforts.

The continent's high proportion of young people, the availability of quality arable lands, and the abundance of water resources make it an ideal place to feed a growing population sustainably.

Its millions of hectares of available arable lands, the diversity of its agro-ecological zones, its potential for industrial, environmental, social and human development make Africa a strategic continent for the global agri-food industry.

A. AGRICULTURE, THE NEW GREEN GOLD

1. AGRICULTURE IN AFRICA, AN ECONOMIC GROWTH VECTOR

The agricultural sector is at the heart of the African economy. With a contribution of 30% of GDP and 55% of the working population in agriculture, the industry is of paramount importance for the continent's socio-economic development.

African agriculture has considerable assets.

On the one hand, Africa is full of vast tracts of arable lands, precisely 65% of the arable lands available on the planet. On the other hand, the continent can count on a diversity of agro-ecological zones and climates, which creates a vast potential for agricultural products grown and marketed on domestic and export markets.

During the past ten years, Africa achieved significant agricultural commodity producer thanks to these resources. The continent covers 75% of the world production of cacao, 55% of cassava production, 43% of millet production and 42% of the production of sorghum. Despite rising production levels in recent years, the African

continent continues to be a net importer of agricultural products to meet the basic food needs of its population. Despite structural changes, the import bill will rise from \$45 billion in 2019 to \$ 100 billion by 2030. Agriculture can provide the continent with unprecedented socio-economic development with its high economic growth rates. It will, however, require increased agricultural production since higher yields of important crops are necessary to reduce the growing level of hunger and lower the cost of food imports. It will also have a broader economic impact ranging from increasing agricultural revenues to providing raw materials to the industrial sector on the continent.

Action in many fields is necessary to achieve the development of African agriculture. African institutions, African governments, and international players must strongly support smallholder farmers on the continent.



65%

of the arable land available on the planet is African³



45

MILLIARDS de dollars

billions of food imports in 2019



“*The future of food production in the world will depend on what Africa does with agriculture. Africa sits on 65% of the uncultivated arable land left in the world to feed 9 billion people by 2050. Its large savannas constitute the largest agricultural frontier worldwide with about 400 million hectares. However, only 10% of these spaces are cultivated, i.e. hardly 10 million hectares.*”

Dr. Akinwumi Adesina,
President of the African Development Bank



SMALLHOLDER FARMERS AT THE HEART OF THE AGRICULTURAL REVOLUTION

At the heart of the agricultural sector are small family farmers, who make up nearly 80% of the farming population. They carry most of the continent's production. This family structure of farms determines decision-making process, work organization, and the management of production factors. This model explains the modest size of plots, limited technological and capital levels, and therefore the low agricultural productivity of these family farms.

Agricultural productivity in Africa is below the levels registered in other areas in the world. Modest yields are essentially the result of a common use of fertilizers and seeds, a lack of mechanization, due to lack of access to appropriate financial services. According to McKinsey, a global management consulting firm, farm production in Africa could increase by two to three times its current level if cereals, livestock, and horticulture intensify.

Therefore, an agricultural revolution in Africa will have to be supported by a comprehensive approach centred around farmers, facilitating their access to inputs, training and financial instruments. More importantly, farmers will need access to structured markets to sell their products and grow their business.

AFRICAN UNION, AT THE HEART OF THE CONTINENT'S AGRICULTURAL TRANSFORMATION



“Agricultural transformation in Africa requires strategies that face the main agricultural development challenges in a holistic approach. It also requires innovative programs that strongly link agriculture to infrastructure and finances and develop value chains and agricultural markets at national and regional levels.”

Her Excellency Josepha Sacko
African Union Commissioner
for Rural Economy and Agriculture



CAADP

Modernization is essential to increase agricultural yields, given the challenges. Agricultural modernization is one of the flagship projects of the African Union, materialized in its Agenda 2063. The first aspiration of this ambitious plan is to achieve a “prosperous Africa based on inclusive growth and sustainable development ” through a radical transformation of agriculture, which will enable the continent to feed itself and be a significant player as a net food exporter.

The Comprehensive Africa Agriculture Development Programme (CAADP) is one of the continental frameworks of Agenda 2063. It aims to help African countries eliminate hunger and reduce poverty by promoting economic growth through agricultural - oriented development and increased budgets for the agricultural sector. Through the CAADP, African governments should increase the level of investment in agriculture by allocating at least 10% of their national budgets to agricultural and rural development, and achieve an agricultural growth rate of at least 6% per year.

A crucial part of the CAADP is setting targets for poverty reduction, increasing agricultural productivity and farm revenues, while strengthening the sustainability of agricultural production and the use of natural resources. Under the CAADP, the AU calls for greater attention to be given by its Member States to this highly strategic sector for food security and paves the way for agricultural transformation.

As part of the 10th anniversary of the CAADP, the AU launched the “Year of Agriculture and Food Security” in 2014. The culmination of this symbolic year came at the 23rd Ordinary Session of the Malabo Assembly in Equatorial Guinea. The Heads of State and Government adopted the Malabo Declaration on Accelerated Growth of Agriculture and Transformation for Shared Prosperity and Improved Livelihoods. AU Heads of State and Government have pledged to eradicate hunger by 2025. To achieve this, they have also committed to halving current post-harvest loss levels by 2025.

OVERVIEW OF THE MALABO DECLARATION (2014)

1. RECOMMITMENT TO THE PRINCIPLES AND VALUES OF CAADP PROCESS

2. COMMITMENT TO ENHANCE INVESTMENT FINANCE IN AGRICULTURE:

- Uphold the 10% public spending target;
- Operationalization of Africa Investment Bank;

3. COMMITMENT TO ERADICATE HUNGER BY 2025:

- At least double the productivity (by focusing on inputs, irrigation, mechanization);
- Reduce postharvest losses at least by half;
- Nutrition: reduce stunting to 10%.

4. COMMITMENT TO HALVE POVERTY BY 2025, BY INCLUSIVE AGRICULTURAL GROWTH AND TRANSFORMATION;

- Sustain the agricultural sector growth the GDP at least 6%;
- Establish and/or strengthen inclusive public-private partnerships for at least 5 priority agricultural commodity value chains with strong linkage to smallholder agriculture;
- Create job opportunities for at least 30% of youth in the agricultural value chains;
- Ensure preferential entry and participation of women and youth in gainful and attractive agribusiness.

5. COMMITMENT TO BOOST INTRA-AFRICAN TRADE IN AGRICULTURAL COMMODITIES AND SERVICES

- Triple intra-African trade in agricultural commodities;
- Fast track continental free trade area, and transition to a continental common external tariff

6. COMMITMENT TO ENHANCING RESILIENCE OF LIVELIHOODS AND PRODUCTION SYSTEMS TO CLIMATE VARIABILITY AND OTHER SHOCKS:

- Ensure that by 2025 at least 30% of farm/pastoral households are resilient to these shocks

7. COMMITMENT TO MUTUAL ACCOUNTABILITY TO ACTIONS AND RESULTS,

- Through the CAADP result framework: conduct a biennial agricultural review process

MOROCCO - AFRICA, VIRTUOUS DYNAMICS

His Majesty King Mohammed VI's speech on the 45th anniversary of the Green March reaffirmed the importance of proximity to the African continent for the Kingdom of Morocco. The Moroccan sovereign intends to make Africa the flagship continent of the 21st century, drawing on Moroccan economic resources.



“
I believe Africa is capable of revival. However, such an objective will be achieved only if Africa's sons and daughters rely on their capabilities. I wish, in this regard, to repeat what I said in Abidjan: Africa should learn to have faith in Africa. I reiterate, in this respect, Morocco's commitment to implement a comprehensive, coherent policy towards African sister nations, based on the joint development of resources, more effective human development and greater economic cooperation.”

His Majesty King Mohammed VI
Throne Day Speech of July 30, 2014

The Moroccan sovereign has favored high-impact, wealth-creating structuring projects that « will improve economic competitiveness and accelerate social development.»

As a result of this creative and proactive strategy, Morocco has been a pioneer in greater intra-African cooperation, hence its weight in African direct investment and a dozen Moroccan companies among the companies championing integration.

These are the findings of the latest report by the Boston Consulting Group (BCG)³, which lists 150 pioneering companies paving the way for greater integration. Half of them are African-owned companies, and the other half are multinationals with a long-standing presence on the continent. There are 19 countries represented in the African Pioneers, with South Africa and Morocco in the lead, and among them is the OCP Group holding a strong position.

IN 18 YEARS* OF REIGN, HIS
MAJESTY KING MOHAMMED VI
CARRIED OUT



46
VISITS



25
AFRICAN
COUNTRIES

2. OCP AFRICA, A COMMITTED PLAYER FOR THE AFRICAN GREEN REVOLUTION

OCP Group has naturally responded to the royal vision for an African green revolution.

As a leading Moroccan company and world leader in phosphate, OCP Group is fully committed to taking tangible actions to achieve sustainability in Africa. The Group helps promote the sharing of experiences, strengthen cooperation, create partnerships, and implement innovative solutions to meet the needs of the sustainable transformation of African agriculture.

To mark this commitment and carry out its African ambitions, OCP Group set up a dedicated subsidiary in December 2015: OCP Africa. Its creation was announced during the seventh International Conference “Argus FMB Africa Fertilizer 2016”, which brought together, on 25 and 26 February in Marrakech, 400 delegates from 55 countries, including more than twenty from Africa.

Since then, OCP Africa has implemented a range of projects and programs to benefit African farmers by contributing to integrated agricultural ecosystems.

OCP Africa strives to be closer to smallholder farmers by developing tailored projects. The OCP Group subsidiary’s approach is based on understanding farmers’ needs to create solutions and synergy between advice, support and best practices.

The introduction of new technologies is a further example of OCP Africa’s commitment to innovative agriculture. It is demonstrated by concrete projects where we assist farmers in adopting good agricultural practices through digital solutions. R&D is an integral part of OCP Africa’s approach; by utilizing fertility maps, soil analyses, and customized formulas, we adapt to the soil and crop’s needs.

A/ FOR EFFICIENT AND SUSTAINABLE AGRICULTURE

OCP Africa’s mission is to encourage commercial farming. Located in Morocco with 12 subsidiaries and 212 employees representing 17 African nationalities, OCP Africa is a multicultural African company working to help the continent optimize its agricultural potential.

Between 2016 and 2021, OCP Africa has stepped up its efforts to promote efficient and structured agriculture by signing several agreements and partnerships under His Majesty King Mohammed VI with Ethiopia, Nigeria, Rwanda, Tanzania, Senegal, Côte d’Ivoire, Ghana, and Guinea.

A partnership-based approach to agriculture paves the way for many synergies to be developed, particularly within the African continent. This approach will contribute to the creation of a modern, resilient agricultural ecosystem.

OCP Africa actively works to:

- Improve the fertility and productivity of African soils through a range of customized products.
- Secure competitive fertilizer production near major agricultural basins.
- Contribute to the development of new local distribution networks serving the entire agricultural sector.
- Improve smallholder farmers’ access to quality inputs, finance, market, training and technology.

Several regional and international financial institutions trust OCP Africa, including the African Development Bank (AfDB), the International Islamic Trade Finance Corporation (ITFC), a branch of the Islamic Development Bank, and the International Finance Corporation (IFC), a subsidiary of the World Bank.



B/ AN INCLUSIVE AND “HUMAN-CENTRIC APPROACH”

African agriculture is at a historic turning point, a moment of transformation that opens the field of possibilities for all farmers and industry players. Africa can become a world leader in sustainable agriculture, using its resources to unleash its immense agricultural potential and feed its growing population. This is OCP Africa's guiding principle.

To materialize this conviction, OCP Africa has developed a comprehensive, integrated approach that puts humans at the center.



Innovation and science for market transformation:

The development of solutions will require innovations in many fields (business models, manufacturing processes, products, etc...). All these innovations will be supported by enabling policies aimed to transform the market and reshape consumption habits.



Human development for a sustainable impact on local ecosystems:

A human-centric approach is essential to developing the capital resources that are the backbone of transformation. This approach values people involved in food systems, starting with farmers, women and young people.



Innovative partnerships to make the agricultural revolution a realization:

OCP Africa builds innovative partnerships along the value chain, from farmers to consumers, engaging key stakeholders such as public authorities, industrialists, distributors, etc.



C/ INVEST HEAVILY AND ACT LOCALLY

Given the significant gap in productivity and investment, OCP Africa prioritizes identifying barriers to sustainable farming practices, improving soil fertility, and finding solutions to utilize fertilizers better.

According to the existing studies and analyses, the main obstacles are as follows:

- Proximity with suppliers
- Product availability and suitability
- Training
- Knowledge of product use and characteristics
- Access to insurance and financial services
- Affordability

Several factors appear to be critical in developing African agricultural systems, including encouraging investment. Different types of investments are required, ranging from scaling up to quality improvement and market access facilitation. Therefore, reliable data collection is essential for reassuring the financial institutions who wish to invest in the agricultural sector. This data provides a clear idea about the sector conditions and serves as a basis for making objective and informed decisions.

OCP Africa is investing heavily and locally to create production basins by installing integrated chemical platforms in Nigeria, Ethiopia, and Ghana, which will build on locally available natural resources. These industrial platforms aim to produce sufficient locally adequate fertilizers and export surpluses to other parts of the world. Another critical component of our strategy to strengthen local production is establishing blenders and storage units based on specific needs and country-specific solutions. Infrastructure projects complete this approach in several African countries, including Rwanda, Côte d'Ivoire, Tanzania, Senegal, and Mozambique. These projects will improve the accessibility of quality fertilizers, adapted to be more agile, and respond effectively to farmers' expectations.

Locally-produced fertilizers will help boost fertilizer production to support integrated chain development strategies, such as rice in Senegal, wheat in Ethiopia, or maize in Nigeria.



B. STORY OF A GREAT VENTURE

Our adventure started five years ago. In five years, OCP Africa has been intensely involved in 12 subsidiaries where 17 different nationalities work side by side. Over the past five years, we have achieved many milestones, sealed partnerships, initiated programs, successfully implemented projects, and accompanied farmers.

1/ RETROSPECTIVE

2017

February

- Launch of OCP School Lab (OSL) in Côte d'Ivoire
- Signature of a convention between OCP and the Ministry of Agriculture in Guinea

May

Start of collaboration with Kaduna State in Nigeria

June

- Launch of Agribooster in Nigeria
- Launch of OSL in Kenya

July

Launch of OSL in Ghana

AOÛT

Launch of Agribooster in Kenya



July

IMPULSE's African tour, a digital startups acceleration program

September

- Signature of a partnership with the Ministry of Food and Agriculture (MOFA) in Ghana
- Deployment of Udongo platform and its mobile application in Nigeria
- Launch of Agribooster for the rice value chain in Côte d'Ivoire

October

Launch of Farmer House & Agripromoter in Nigeria

November

Launch of collaboration with International Islamic Trade Finance Corporation (ITFC) as part of OCP School Lab in Senegal



March

Signature of five agreement protocols for the implementation of the industrial complex in Nigeria

Avril

Signature of an agreement protocol with the International Islamic Trade Finance Corporation for the Agribooster campaign in Côte d'Ivoire

2021



2016

February

- Official opening of the African Fertilizer Complex (AFC) by OCP Group
- Announcement of the creation of OCP Africa during the Argus FMB in Marrakech

May

- Creation of OCP Kenya
- reation of OCP Senegal

July

Creation of OCP Africa Fertilizers Nigeria

August

- Creation of OCP Côte d'Ivoire
- Creation of OCP Ghana
- Creation of OCP Cameroon
- Creation of OCP Zambia

September

Creation of OCP Tanzania

November

- Creation of OCP Benin
- Signature of Framework Cooperative Agreement in Ethiopia

December

- Agreement Protocol for fertilizer production in Nigeria (PFI)
- Agreement Protocol with FEPSAN in Nigeria (PFI)

2018

January

Launch of Agribooster for the sorghum value chain in Kenya

May

Launch of OSL in Senegal

August

- Creation of Rwanda Fertilizer Company (RFC)
- Creation of OCP Ethiopia Fertilizer Manufacturing Company

December

Launch of AKADI project in Côte d'Ivoire

2020

January

Launch of women and youth empowerment project in Senegal

July

Signature of a convention with Délégation à l'Entrepreneuriat Rapide (DER) to support the development of the peanut value chain in Senegal

September

- Signature of an agreement protocol with the International Finance Corporation
- Signature of a convention with the Ministry of Rice Promotion in Côte d'Ivoire

October

- Launch of the program Empowering African Youth (EMAY) in Nigeria
- Signature of an agreement protocol with the African Development Bank (AfDB)

November

Official opening of the blending plant in Sokoto State in Nigeria

2/ KEY MOMENTS OF OCP AFRICA

INDUSTRY - FEBRUARY 2016 OFFICIAL OPENING OF AFRICA FERTILIZER COMPLEX

Located at Jorf Lasfar's industrial complex at 110 km away from Casablanca, the Africa Fertilizer Complex (AFC) was officially opened by His Majesty King Mohamed VI. AFC's annual production capacity will reach 1 million tons of fertilizers, 1.4 million tons of sulfuric acid, and 450,000 tons of phosphoric acid. OCP Group's plans for Africa are now taking shape. The plant is part of an ambitious expansion plan launched by the Group in 2014 on African markets.



BUSINESS - SEPTEMBER 2017 OCP INTERNATIONAL SALES HIT A RECORD, ESPECIALLY IN AFRICA

OCP Group's international sales reached record levels due to the African market's high demand for premium products. The Group's sales in this market progressed, and African exports increased by 44%. Africa represented 40% of the Group's sales revenues on June 30, 2017, including 12% for Morocco.



PARTNERSHIPS - DECEMBER 2016 SIGNATURE OF A PARTNERSHIP AGREEMENT BETWEEN OCP AFRICA AND THE FEDERAL GOVERNMENT OF NIGERIA

His Majesty King Mohammed VI and Muhammadu BUHARI, President of the Federal Government of Nigeria, signed many bilateral agreements in Abuja, including a partnership agreement between the Federal Government of Nigeria - through the Nigerian Sovereign Investment Authority (NSIA), the Fertilizer Producers and Suppliers Association of Nigeria (FESPAN) and OCP Africa.

This partnership is part of the Presidential Fertilizer Initiative (PFI). OCP Africa has been supplying phosphate for Nigeria at a low price to support local NPK fertilizer production since 2017.



BUSINESS - MARCH 2018 32,000 TONS OF DAP FERTILIZERS DELIVERED TO TANZANIA

OCP Africa shipped 32,000 tons of diammonium phosphate fertilizers to Tanzania, second in size after the 23 500 tons. This operation is part of OCP Africa's commitment to making fertilizers accessible for local farmers at competitive prices. It is also part of OCP Group's new approach to providing African farmers with soil- and crop-specific fertilizers.



AGRICULTURAL DEVELOPMENT MAY 2018 OCP SCHOOL LAB REACHES SENEGAL

After crossing six African countries, OCP Africa launches its OCP School Lab program in the Saint-Louis region in Senegal. The program will train and support about 10,000 farmers in using customized fertilizers and reasoned fertilization techniques. The program targets rice, particularly in the river region, horticultural crops in the Niayes region, maize, and peanuts in the peanut basin.



AGRICULTURAL DEVELOPMENT APRIL 2019 20,000 TANZANIAN FARMERS BENEFIT FROM OCP SCHOOL LAB

Tanzania benefits from the OSL program, which has helped more than 160,000 farmers in six countries in Western and Eastern Africa. At least 20,000 farmers from the south of Tanzania are expected to benefit from the awareness-raising campaign on good agricultural practices. OCP Africa involved many partners in making the program a reality, including the Ministry of Agriculture, the International Plant Nutrition Institute (IPNI), and the Ministry of Agricultural Administration.



INDUSTRY - AUGUST 2018 THE GOVERNMENT OF RWANDA AND OCP AFRICA SIGN AN IMPORTANT FERTILIZER AGREEMENT

OCP Africa and Rwanda entered into a partnership to reduce the fertilizer cost, increase supplies, and stimulate agricultural production. Signed by OCP Africa, Agro Processing Trust Corporation (APTC), a Rwandan company, and the Government of Rwanda, the agreement established a joint fertilizer production, marketing, and distribution company in the country. OCP Africa is updating soil fertility maps and provide fertilizer recommendations based on scientific data through this joint venture.



CAPACITY BUILDING - JUNE 2019 OCP AFRICA ORGANIZES A WORKSHOP FOR NIGERIAN PARTNERS

OCP Africa further supported the Presidential Fertilizer Initiative (PFI) in Nigeria by organizing an event which brought together scientists, operators, and officials in charge of agricultural issues.

Under the theme “Crop Nutrition in Addressing the Challenges in Plant Growth, Yield Formation, and Human Nutrition”, the event gathered research institutes, fertilizer industry, and officials to facilitate exchanges among these players regarding soil nutrition and Nigerian soil-adapted fertilizer formulas. Ismail CAKMAK presented the workshop, a specialist of the field, alongside representatives of FEPSAN, the agricultural training and research institute, the agricultural inputs supply department, and the administration in charge of land resources and climate change management.



PARTNERSHIPS - OCTOBER 2019

ITFC AND OCP AFRICA JOIN FORCES TO STRENGTHEN AGRICULTURAL CAPABILITIES IN AFRICA

The International Islamic Trade Finance Corporation, a member of the Islamic Development Bank, and OCP Africa signed a memorandum of understanding on strategic financing, innovation, and agricultural capabilities building measures. The agreement's primary purpose is to increase production yields and African farmers' incomes. ITFC and OCP Africa will collaborate in different areas, particularly in training farmers on good agricultural practices (GAP), soil analysis and fertilizer advice, innovation support, digital transformation, capacity building, and youth support.



PARTNERSHIPS - SEPTEMBER 2020

OCP AFRICA JOINS FORCES WITH IFC

OCP Africa partners with the International Finance Corporation (IFC) to support farmers in Côte d'Ivoire and Senegal. This agreement strengthens rice sectors in Côte d'Ivoire and millet in Senegal and contributes to the improvement of thousands of smallholder farmers' living conditions.

IFC provides consulting services to more than 12,000 Ivorian and Senegalese farmers through OCP Africa's Agribooster program as part of this partnership.

This project aims to strengthen cooperatives' technical, financial, and managerial skills and improve agricultural practices by integrating smart solutions for water and soil management. It also aims to speed up the digitization of payment systems and the development of a rating tool to improve access to farmers' financing.



AGRICULTURAL DEVELOPMENT - AUGUST 2020

MORE THAN 73,000 FARMERS BENEFIT FROM OCP AFRICA'S AGRIBOOSTER PROGRAM IN GHANA

As part of its partnership with the Ministry of Food and Agriculture (MOFA), OCP Africa has intensified its efforts to support the agricultural value chain in Ghana. This agreement provides farmers with a comprehensive offer of quality inputs, training, and markets through the Agribooster program. In line with the orientations of the "Planting for Food and Jobs" program implemented by the MOFA, the 2020 Agribooster campaign provided improved fertilizers to help the farmers of eight Ghanaian regions to alleviate the COVID-19 impact on smallholder farmers.



PARTNERSHIPS - OCTOBER 2020

OCP AFRICA AND ADB MOBILIZE \$ 4 MILLION

The African Development Bank approved the participation of the Africa Fertilizer Financing Mechanism (AFFM) in a \$4 million trade credit guarantee with OCP Africa.

The project will reduce potential risks along the agricultural value chain and improve access to quality inputs, including fertilizers.

Building on the Agribooster program, the project will support 430,000 smallholder farmers, including 104,000 women, facilitate their access to quality and affordable agricultural inputs, and provide training in good agricultural practices.



CAPACITY BUILDING - NOVEMBER 2020 OCP AFRICA TRAINS 200 AGRICULTURAL EXTENSION AGENTS IN GHANA

In collaboration with MOFA, OCP Africa organized a four-day training program for 200 agricultural extension agents of MOFA and some aggregators from seven regions of Ghana. The training, aimed at building extension agents' capacities, provided participants with knowledge, tools, and skills related to farmer dynamics, good agricultural practices, post-harvest operations, and marketing of harvested crops.



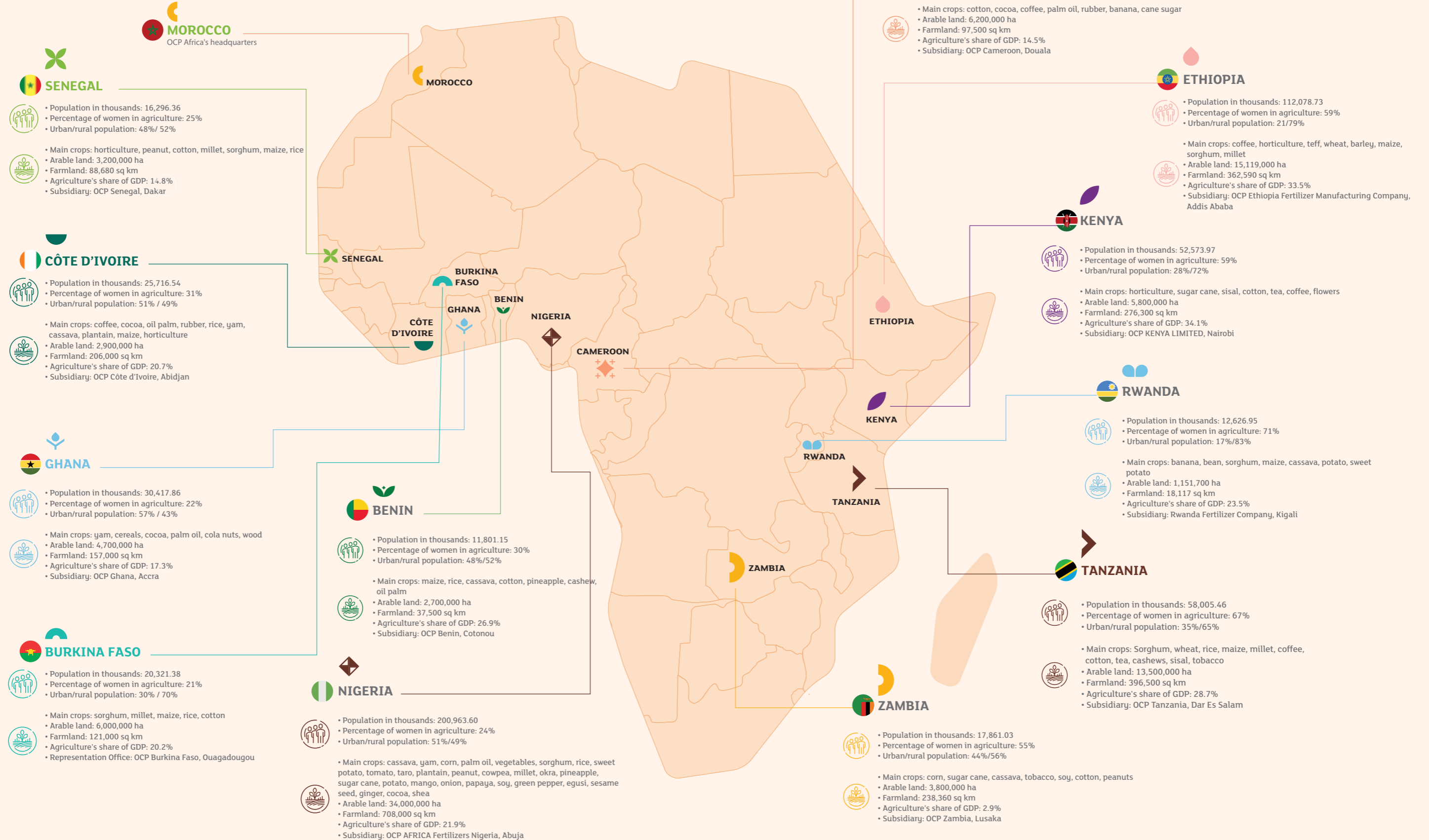
PARTNERSHIPS - MARCH 2021 OCP GROUP AND THE GOVERNMENT OF NIGERIA COMMIT TO FURTHER DEVELOPING NIGERIAN AGRICULTURE

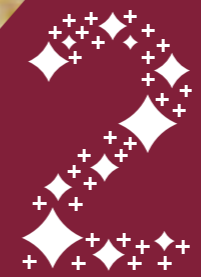
OCP Group hosted a Nigerian delegation led by his Excellency Minister of Petroleum Resources, Mr. Timipre Maril Sylva and was composed of the Akwa Ibom State Governor, the Presidents of the Fertilizers Producers and Suppliers Association (FEPSAN), the Nigerian Sovereign Investment Authority (NSIA), the Nigerian National Petroleum Corporation (NNPC), the Mobil Producing Nigeria (MPN) and the Gas Aggregation Company Nigeria (GAMN). This business visit aims to agree on the next steps of the industrial project launched in June 2018 and strengthen the bilateral collaboration following the success of the first phase of the Presidential Fertilizer Initiative (PFI) supported by OCP. Through five agreement protocols between various players, OCP Group confirms its commitment to developing sustainable and inclusive agriculture in Nigeria.



C. AFRICAN FOOTPRINT

Our presence on the continent is crucial to ensuring a close relationship with our customers and our partners. Based in Morocco, OCP Africa has 12 representative offices and subsidiaries across the continent.





OCP AFRICA IN ACTION

As an active player on the continent, OCP Africa deploys projects tailored to each country's needs, involving targeted public-private partnerships leveraging on local resources.

By enhancing cooperation, promoting knowledge, sharing, creating partnerships, and implementing innovative solutions, OCP Africa contributes to African agriculture's development.

One of the company's main concerns is developing a multidimensional and integrated approach that fosters a dynamic of collective intelligence. This holistic approach has had a significant impact on the continent's agriculture.

A. IN PARTNERSHIPS WE TRUST

A PARTNERSHIP-BASED INCLUSIVE APPROACH

African agriculture will not be able to overcome the challenges it faces without a partnership-based inclusive approach. Providing sustainable solutions for the continent's food systems requires the involvement of all players, teamwork, and multiple perspectives.

There is widespread agreement that the private sector is essential in modernizing African agriculture. However, private companies alone will have a limited impact on value chains, hence the imperative to focus on partnerships between public and private sectors.

As a trusted partner to agricultural development visions in the region, OCP Africa provides a platform by leveraging its programs and ecosystem.





IN NIGERIA

In line with the Nigerian government’s strategy and priorities, OCP Africa aims to contribute to developing and expanding the country’s agricultural potential. The subsidiary of the OCP Group provides support through a holistic, inclusive, and partnership approach that supports all players in the agricultural value chain, ranging from input suppliers to the end consumer of agricultural products.

This approach aims to build an integrated ecosystem that can create an added value for smallholder farmers. It leverages the complementary resources the two countries share, namely Nigerian gas and Moroccan phosphate, to provide solutions adapted to the continent’s economic challenges.

Partnership with FEPSAN and NSIA as part of the Presidential Fertilizer Initiative

In 2016, the OCP Group partnered with the Association of Fertilizer Producers and Distributors of Nigeria (FESPAN) under the Presidential Fertilizer Initiative (PFI), supported by the Nigerian Sovereign Fund (NSIA). This collaboration extends to the entire agricultural value chain, from the development of customized fertilizers to improving the availability of fertilizers at competitive prices, implementing support measures with Nigerian farmers, contributing to the development of the supply chain, and strengthening the local distribution network.

The Nigerian raw materials (urea and limestone) gained increased value from the program, and

blending capacities were better utilized. This approach boosted the blending industry, enabling farmers to buy fertilizers at reasonable prices. Thanks to the mobilization of stakeholders, the Presidential Fertilizer Initiative (PFI) has established itself as a high-impact program with resounding success on all fronts. In the same vein, three OCP Africa’s blending units are under construction in Kaduna, Ogun, and Sokoto. These platforms, scheduled for commissioning in 2021, will have a total production capacity of 500,000 tonnes of fertilizer per year and will serve as Excellence Centers to promote good agricultural practices and monitor technical aspects of fertilizer quality.

NSIA, FEPSAN, and OCP strengthened their close collaboration by signing new partnership agreements in March 2021. The parties cooperate to support the PFI by jointly offering customized solutions capable of ensuring long-term sustainable development for Nigerian agriculture.



Total production capacity of
500 000 t
of fertilizers per year for
2021-05-05

Industrial project

In June 2018, on the occasion of the state visit to Morocco of His Excellency Mr. Muhammadu Buhari, President of Nigeria, the OCP Group and NSIA have signed a Memorandum of Understanding to develop an industrial fertilizer production platform including the establishment of an ammonia plant, an annual capacity of 750,000 tonnes and a phosphate fertilizer plant, with a yearly capacity of 1 million tonnes by 2025.

With an estimated investment of \$1.4 billion, the project is part of the Nigerian government’s import substitution program since 2016 and the launch of the Presidential Fertilizer Initiative (PFI). It aims to promote local production and the supply of high-quality fertilizers.

This project leverages on the complementary natural resources between the two countries, namely Nigerian gas and Moroccan phosphate. The State of Aqua Ibom has been chosen as the location thanks to its well-established industrial ecosystem. Led by the Minister of Petroleum Resources, the visit of the Nigerian delegation in March 2021 boosted the progress of the project through many memorandums of understanding that strengthen bilateral cooperation and solidify the shared ambition to develop agriculture and the industrial sector in Nigeria.



An investment of
\$1,4 billion



“
I am raising the scope of the attention I give to agriculture. During my first term of office, I joined forces with Morocco to revive the fertilizer blending plants abandoned across the country. I have also developed the food security program that provided food transformation companies with capital to sell the cereals produced by smallholder farmers. This aimed to solve the value chain-related problems agriculture faces in Nigeria.”

Muhammadu Buhari,
President of Nigeria,



IN GHANA

OCP Africa has been present in Ghana since 2016, working closely with the Ministry of Food and Agriculture (MoFA) on two fronts: value chain development initiatives and the establishment of a fertilizer production plant. As part of the South-South Cooperation, this partnership aims to boost the agricultural value chain.

Value chain development initiatives

The Memorandum of Understanding signed in September 2018 has helped structure and conduct OCP Africa's activities, launched in Ghana in 2016. As of 2019, OCP Africa and MoFA agreed to intensify business development initiatives (Agribooster, OCP School Lab) and to add new initiatives (soil fertility maps, digitalization...) into the Ghana Fertilizer Expansion Programme (GFEP). As a result, the Agribooster program has seen its target for the year increased to 100,000 farmers. As far as the School Lab initiative is concerned, it has already helped over 70,000 farmers in Ghana since its launch, and 50,000 more farmers will benefit from the program in 2021.

In addition, two new fertilizer formulas have been tested for cassava, vegetables, and soybeans. The process is underway to add the maize and rice formulas previously tested in the country. To conduct field trials for customized fertilizer formulas and lead demonstration campaigns for newly approved formulas, OCP Africa launched in 2020, a large-scale soil fertility mapping initiative including equipment and training.

OCP Africa also supported the Government of

Ghana in registering farmers in the national Planting for Food and Jobs program. A team from TEAL, a Microsoft and OCP joint venture, evaluated the current approach and provided recommendations to the Ministry of Foreign Affairs. OCP Africa furthered its commitment by ensuring the program's PMO and providing a dedicated TEAL team.



An investment of about
\$1,3 billion

Jomoro Industrial complex

The industrial fertilizer complex will take advantage of the complementary natural resources of the two countries, Ghanaian natural gas and Moroccan phosphate, to produce ammonia and high-quality fertilizers: urea and DAP for local and sub-regional markets. The plant will be located in Jomoro in the Western Region in the future petrochemical center and will use advanced and modern technologies. The project has already completed pre-feasibility and conceptual studies. With an expected investment of up to \$1.3 billion, it will benefit the local economy, communities and help create a vibrant agricultural and industrial ecosystem.

“
This capacity-building project has been beneficial, and it came at the right time because Ghana has been trying to solve this problem for a long time, looking for funding and support before OCP came in. We are thankful for OCP. We hope that the collaboration between OCP and MOFA, CSIR and Ghana will continue to grow from strength to strength.”

Dr. Francis TETTEH
Head of Analysis and Soil Analysis Department,
The Council for Scientific and Industrial Research (CSIR), Ghana





IN ETHIOPIA

Dire Dawa industrial platform

OCP Group signed a Framework Cooperative Agreement with the Ethiopian Government ; The sidelines of the visit of His Majesty King Mohammed VI in November 2016 to construct a fertilizer production platform. It will be the second-largest production platform of fertilizers on the African continent to be built in Dire Dawa, in the eastern part of the country.

In its first operational phase, the future platform will produce 2.5 million tonnes of fertilizer annually and require an investment of \$2.4 billion. The second phase of the project involves a 50% increase in the platform's capacity to 3.8 million tonnes of fertilizer through an additional investment of \$1.2 billion. This platform will enhance the resources of both countries: phosphoric acid supplied from Morocco, gas, and potash from Ethiopia.

Dire Dawa's platform will start supplying the local market as of 2023. Besides, an investment increase of \$1.2 billion in 2025 will allow a yearly production of 3.8 million tons.

Development of Ethiopian soil and crops customized fertilizers

Building on its experience with fertility maps in Morocco, OCP Group implemented a similar method in Ethiopia by working with the Agency for Agricultural Transformation (ATA). The results indicated that the constraint to crop growth was soil deficiency in sulfur and led to three NPS and NPS+ fertilizer formulas for wheat, maize, and teff. Tests with these new formulas have shown that yields have improved by up to 37%.



“
OCP is one of the biggest fertilizer companies globally, especially in the field of phosphate. It is, therefore, a company with long years of experience, resource, skills, infrastructure, network as well as the ability to mobilize the necessary resources for building the country.”

His Excellency Beyene G. Meskel,
Former Minister of State in charge
of Public Enterprises



IN GUINEA

On March 3rd, 2014, the Ministry of Agriculture of the Republic of Guinea, the Ministry of Agriculture and Maritime Fisheries of the Kingdom of Morocco, and the OCP Group signed a cooperation protocol for agricultural development, reasoned fertilization of agricultural land, and technical cooperation in three areas:



The development and implementation of a soil fertility map



The establishment of an agricultural caravan



The training of managers and workers in the agricultural sector

In 2017, OCP Group and the Guinean Government signed a Memorandum of Understanding on the OCP's supply of 100,000 tons for 2017, of which 20,000 tons were offered free of charge. As part of the South-South partnership between Morocco and the Republic of Guinea, this agreement consolidates the collaboration initiated in 2014 between the OCP Group and the Guinean state on various initiatives.

“

The Ministry of Agriculture benefited from one of many conventions signed with His Majesty. Since then, OCP has been providing its support to the ministry of agriculture to help Guinea achieve efficient agriculture.”

Jacqueline SULTAN,
Former Minister of Agriculture of Guinea



IN BURKINA FASO

In 2016, OCP Africa and the Burkina Faso Ministry of Agriculture signed a framework agreement built around the four axes:

- Technical cooperation in the fields of phosphates;
- Support for local phosphate processing and fertilizer distribution;
- Support for the development of agricultural sectors;
- Training and academic exchanges.

The objective of this state convention was to train 12,500 farmers on good agricultural practices through the campaigns of OCP School Labs, to develop a soil fertility map for a pilot zone of 140,000 Ha over four regions, to strengthen the capacity of some 50 agents in the fields of soil fertility, crop fertilization of geographical information systems and control of quality fertilizers, and equip two mobile soil analysis laboratories.



12 500
farmers trained



140 000 ha
hectares mapped in four regions



IN SENEGAL

THE JOKKO ALLIANCE

In line with the “Plan Senegal Emergent” (PSE) and the “Programme d’Accélération de la Cadence de l’Agriculture Sénégalaise” (PRACAS) - for a transition from subsistence to modern agriculture - OCP Africa has teamed up with Senegalese actors to help meet the challenges of agricultural transformation.

Called the Jokko Alliance, the coalition is part of local, national, and regional agricultural development policies and strategies, aiming to contribute to the sustainable and inclusive development of the agricultural ecosystem at the national level and in the municipality of Sandiara in particular. The Alliance focuses on two pillars that are supported and strengthened by interdisciplinary levers:

- **Agricultural transformation**
- **Human capital transformation**

The Alliance was conceptualized with a holistic, partnership-driven approach to ensure the interconnection of actions throughout the value chain. The Alliance will be supported by important partners such as the Senegalese Institute for Agricultural Research (ISRA), Banque Agricole, OCP Group, the Senegalese Association for the Promotion of Development at the Base (ASPRODEB), Délégation à l’Entrepreneuriat Rapide (DER), Compagnie de production des Oléagineux (COPEOL), Mamelles Jaboot (JABOOT), the municipality of Sandiara, the Cheikh Anta DIOP University (UCAD) and the National Agricultural And Rural Council Agency (UCAD).

The project will benefit around 381,000 farmers through an integrated and market-connected contract farming scheme in its national

dimension. In addition, it will support 1000 young people in various fields such as seed production, marketing of agricultural products, agri-food processing, and entrepreneurship.

Through the value chain approach, this project will specifically address staple crops in winter and horticultural crops in the dry season with a pressurized irrigation system. Seed production will concern peanuts and potatoes. The municipality of Sandiara supports the project by providing 100 ha of real estate to diversify the crops and build an experimental farm.

Regarding the production of staple crops, especially millet and peanuts, the support provided by financing institutions, notably Banque Agricole and DER and the contract farming with output buyers Mamelles Jaboot (millet) and COPEOL (peanuts), will allow achieving a volume of 32A,000 tonnes: 300,000 of peanuts and 21,000 of millet.

In terms of research and development, OCP Africa and ISRA conducted fertility mapping in the North and Center of the country to create fertilizer formulas for rice and peanuts. These formulas will allow farmers’ yields to increase by 30%.

As part of support and rural entrepreneurship, 20 market gardening fields of five ha each will raise around the 20 wells of the municipality of Sandiara, entirely equipped with an efficient irrigation system. They will create new income-generating activities for Sandiara and impact 400 to 500 young people. With an average annual production of 2,000 tons of horticultural products, the project will help supply local consumption centers of Mbour, Thiès, and Dakar.

“*OCP provided customized formulas and high-quality fertilizers. The producers from the targeted regions are delighted. They are satisfied with the fertilizer quality and with how OCP produces it. OCP goes further than providing fertilizers in inputs package and distributing them. It also travels across the country and raises awareness with ASPRODEB. As an industrialist, I am pleased with our relationship with OCP, and the producers’ feedback is very positive.*”

Cheikh FALL
Executive Chairman of COPEOL Senegal



381 000
beneficiary smallholder farmers



1000
young people to train





IN CÔTE D'IVOIRE

As one of the most dynamic countries in West Africa, Côte d'Ivoire is mainly supported by agriculture, accounting for over 26% of GDP. Although it has excellent potential for local production, the country is dependent on imports for about half of its rice needs.

The Ministry of Rice Promotion and OCP Africa have decided, through a partnership as part of the national rice development strategy 2020-2030, to help eliminate the barriers to the full realization of the rice sector. The partnership aims to improve access to inputs, including access to suitable fertilizers, as a significant lever to enhance rice productivity and producer incomes.

A holistic approach will be implemented to resolve these issues, ensuring the creation of value at the local level and the socio-economic development of rice farmers.

Development of fertilizer formulas adapted to Ivorian soils.

Insufficient or excessive use of a given nutritional element may negatively affect yield, economy, and the environment. This means that fertilizer applications need to coincide with periods of crop demand and must happen at the right spot for the rice to flourish and produce its maximum yield. It is for this reason that rice farmers need accurate and efficient fertilization programs. The following are the main focuses for formulas development:

- Development of innovative fertilizer formulas adapted to soil and rice needs;
- Capitalizing on the results of available and ongoing studies of soil characteristics;
- Use of OCP's industrial tool to produce and test identified formulas;
- Carrying out agronomic trials to determine the

fertilizer formulas that best suit soil and crop needs;

- Analyzing, developing, and validating agronomic trials results;
- Production of final formulas at the local level: eventually building a blending unit to produce final formulas.

Development and structuring of the fertilizer value chain in Côte d'Ivoire

As part of the "Programme Urgence Riz" (PUR), OCP Africa deploys its Agribooster program to support rice farmers throughout the agricultural value chain by bringing together all the necessary conditions for sustainably increasing their yields and incomes: facilitating the supply of quality inputs, with payment facilities, and ensuring the purchase of rice farmers' agricultural products. This program also builds rice farmers' capacity, raises awareness on good agricultural practices, and provides regular follow-up throughout the year.



Training and raising awareness on good agricultural practices and reasoned fertilization

The partnership will build on OCP School Lab (OSL) experiences to implement joint initiatives that meet the local needs and potentially involve other partners (sector players, health and education sectors). The OSL concept, developed by OCP, will help rural smallholder farmers significantly improve their productivity and make agriculture a sustainable business. These travelling caravans aim to train producers, raise their awareness, carry out soil tests, and provide recommendations.

Digitization

In addition, the partnership will allow better monitoring of the impact of training and generate more productivity through digital applications. These decision-making tools aim to monitor the effects of training and awareness campaigns on rice farmers and facilitate access to information through a content and advice sharing platform. The digital technologies deployed under the partnership will have a positive impact on rice farmers' financial inclusion. For rice farmers living in remote areas without access to a banking system, the applications will enable them to rely on their mobile phones to access their payments.



IN RWANDA

In 2018, OCP Africa created the Rwanda Fertilizer Company (RFC), a joint venture in partnership with Rwanda's national fertilizer distribution operator, Agro Processing Trust Corporation Ltd (APTC), and the Government of Rwanda through the Ministry of Agriculture and Animal Resources for a total investment of USD 14 million. This venture is the result of a Memorandum of Understanding signed on the sidelines of King Mohammed VI's visit to Rwanda in October 2016 between the Rwandan Ministry of Agriculture and Animal Resources and the OCP Group.



Bugesera blending unit

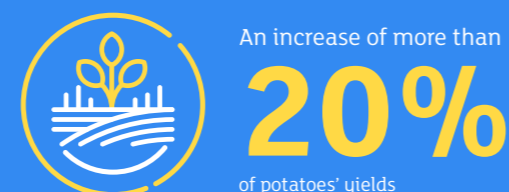
Rwanda Fertilizer Company (RFC) is steering the construction and operation of a fertilizer blending unit at Bugesera Industrial Park, 50 km from the capital Kigali. The plant, which will produce more than 100,000 tonnes of fertilizer per year, will ensure the country's fertilizer needs while also supplying to neighboring countries. Pending the plant's completion, the RFC has already begun its commercial activity by providing the Government's subsidized fertilizer program.

Agronomic projects

In partnership with IFDC and the Rwanda Agriculture Board (RAB), OCP Africa conducts agronomic trials in Rwanda to evaluate new fertilizer products. This project aims to test new formulas, support key RFC and RAB staff through regional training on soil-specific and crop-specific fertilizer mix. The project, which targeted strategic crops for the country, increased more than 20% in yields on potatoes and maize and more than 16% on rice.

“

The Ministry of Agriculture and Animal Resources (MINAGRI) of Rwanda is partnering with OCP S.A to improve smallholder farmers' capacity to increase crop productivity and household incomes. OCP Africa and the Rwanda Agriculture and Animal Resources Board (RAB), an Implementary Agency of MINAGRI, collaborate to develop balanced, crop, and site-specific fertilizers. They have jointly conducted 250 on-farm trials and 150 demonstration trials to evaluate the performance of selected fertilizers enriched with macro and micronutrients from OCP on maize, potato, and rice. The new fertilizer formulations/blends increased yields by between 9-20% compared to current fertilizer formulations. OCP is among our valued partners contributing to the implementation of the Agriculture Investment Plan of Rwanda.”



M. Charles MUREKEZI
DiGeneral Director of Agricultural
Development, MINAGRI



B. LARGE-SCALE PROGRAMS

African agriculture faces many challenges that call for the mobilization of numerous partners. In its five years of existence, OCP Africa has contributed to achieving the green revolution in Africa through a comprehensive approach placing the smallholder farmer at its heart. The first step to unlocking agricultural potential is to close technical and technological gaps and make a sustainable shift from subsistence agriculture to commercial agriculture. By leveraging on its agronomic and technological strengths, OCP Africa is implementing major programs that aim to impact the farmer and the entire agricultural value chain. Since 2016, more than one million farmers have benefited from our flagship programs.

+ 1 million
farmers have benefited
from our programs since
2016

YOUTH AND WOMEN: PILLARS OF THE GREEN REVOLUTION

Agriculture in Africa: a woman's job

The agricultural sector is the top employer of women in Sub-Saharan Africa, with 62% of women working in the industry. In some countries, such as Rwanda, Malawi, and Burkina Faso, this percentage exceeds 90%¹.

For crops such as rice, wheat, and maize, representing about 90% of the rural population's food, women do the main activities such as sowing, weeding, growing, harvesting, and selling the surpluses. FAO² indicates that women's contribution to less critical crop production (e.g., vegetables) is even more significant. Furthermore, women cultivate and tend gardens that ensure vital nutrition and economic welfare.

Despite their role and influence, women are still playing a secondary role. Not only are they given little attention, but they also receive little support. In Africa, women working in agriculture face many challenges like limited access to quality inputs, difficulty accessing financing, low salaries, lack of control over income generated by sales, and insufficient access to land. These factors adversely affect their productivity and hold them back from fully integrating into the agricultural economy.



62%

des femmes africaines actives
travaillent dans l'agriculture

On the importance of making agriculture attractive to youth

Africa is home to the youngest population, making it a significant advantage compared to other continents with aging populations. However, this situation may adversely affect macroeconomic stability if this geographic advantage is not adequately utilized. Africa will have 275 million young people (15-24 years old) searching yearly for employment or attempting to build their livelihoods by 2030. It is expected that this number will reach 325 million by 2050³, making youth employment a priority for any socio-economic development strategy.

As one of the most promising youth employment generators in Africa, agriculture has a great deal of potential. Youth find agriculture unattractive, so it's crucial to make agriculture attractive to prepare a breeding ground for human resources that will lead to economic and social change.

Information and communication technologies are an essential factor in this regard and must be considered. Similar to the way mobile money has become widespread in the banking industry despite the old banking system, mobile technologies are gaining traction in agriculture.



AGRICULTURAL DEVELOPMENT IN AFRICA WILL NOT TAKE PLACE WITHOUT THE INVOLVEMENT OF WOMEN AND YOUNG PEOPLE. INVESTING IN THE ECONOMIC EMPOWERMENT OF THESE GROUPS OF PEOPLE IS AN OPPORTUNITY THAT WILL POSITIVELY IMPACT THE CONTINENT'S PRODUCTIVITY, EFFICIENCY, AND GROWTH.

“

African women feed the continent, and they can feed the world, too. But we must close the wide gap in wages and agricultural yields between men and women if Africa is to achieve full economic transformation.”

Géraldine Fraser-Moleketi,
AfDB's Special Envoy on gender

OCP SCHOOL LAB

PROPOSITION DE VALEUR DU PROGRAMME

OCP School Labs consists of a traveling school, mobile laboratories, and a digital device. Thanks to a team of agricultural engineers, farmers benefit from multi-year support and technological solutions to stay connected or in direct contact with agricultural advisors. This school offers demonstrations and educational training sessions for raising awareness about agricultural practices in accordance with the predominant culture of the regions in which they are located. Each training is adapted to the dominant cultures in the areas visited. A mobile laboratory associated with the schools systematically analyzes the soil in the targeted regions. The laboratory allows us to address more technical aspects such as soil nutrient needs and fertilizer recommendations tailored to local soils and crops. The laboratories are equipped with the most advanced modern technologies, including medium infrared and technical X-ray sensors that enable soil fertility assessment in real-time.

IMPACTS AND ACHIEVEMENTS



+420K

trained African farmers



9 targeted countries



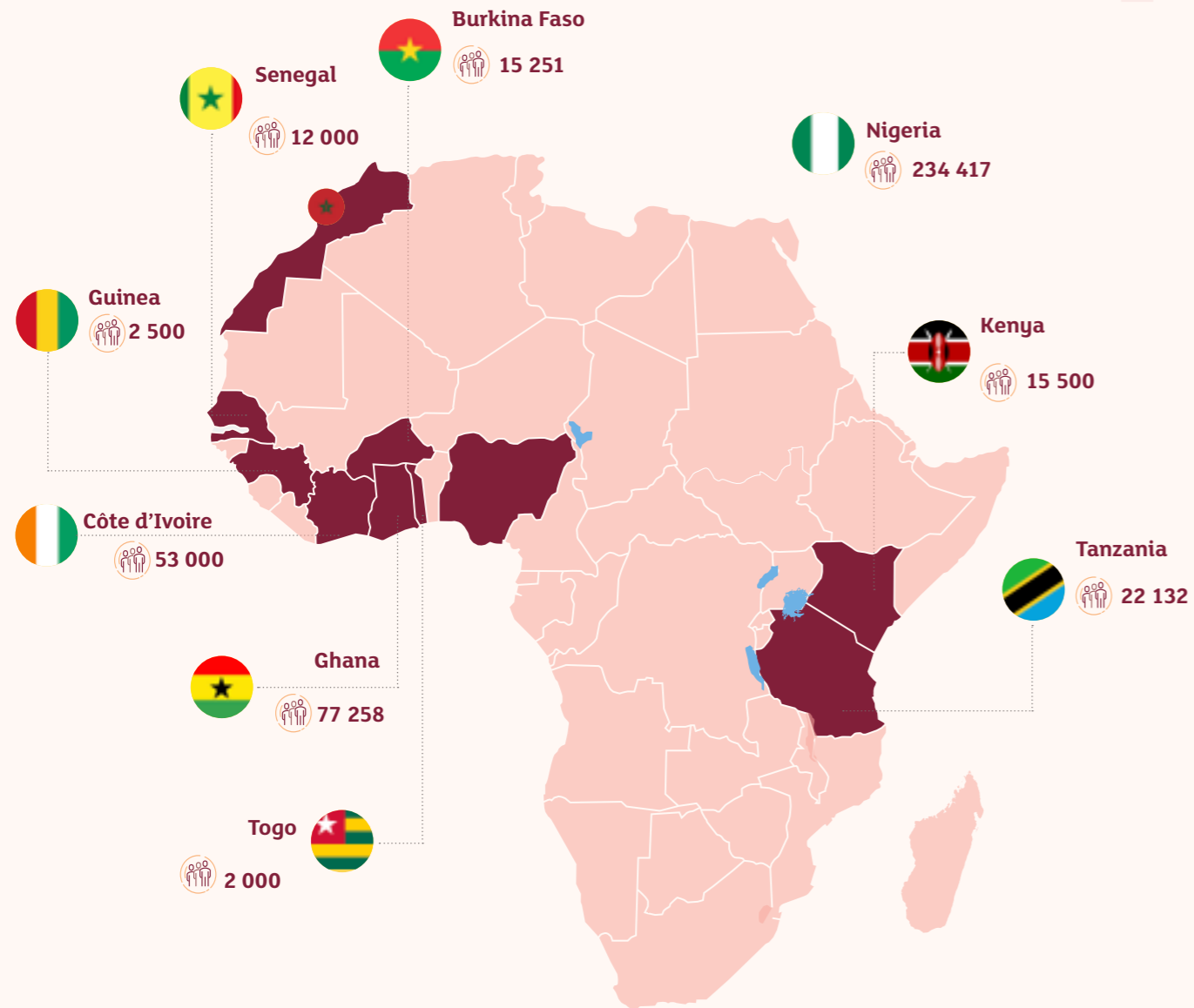
PARTNERS



“ We, ANCAR, Directorate of Niayes area, have a partnership with OCP Africa as part of the School Lab program. The producers appreciate the program for the great help in improving their agricultural productivity. During the implementation of this project, we noted the unwavering commitment and the active participation of OCP Africa’s team. The School Lab caravans were very instructive with a participatory approach that allowed fruitful discussions on good agricultural practices and the importance of soil analyses.”

Binta Mbengue Diege,
Official in charge of Niayes area (ANCAR), Sénégal

OCP SCHOOL LAB PROGRAM FOOTPRINT (2016-2021)



AGRIBOOSTER

VALUE PROPOSITION OF THE PROGRAM

The Agribooster program is an inclusive development model designed to provide farmers with the best conditions for increasing their yields and increasing productivity by having access to a comprehensive package of products and services while strengthening market links. Agribooster allows farmers to have access to quality products and services through the provision of inputs (fertilizers, plant protection products, hybrid seeds), training sessions around best practices of reasoned fertilization, access to potential buyers in the market, support, access to financial services (including credit loans).

IMPACTS AND ACHIEVEMENTS

 **630K** farmers reached

 Successfully deployed in **4 PAYS**

 **> 30%** of average yield increase



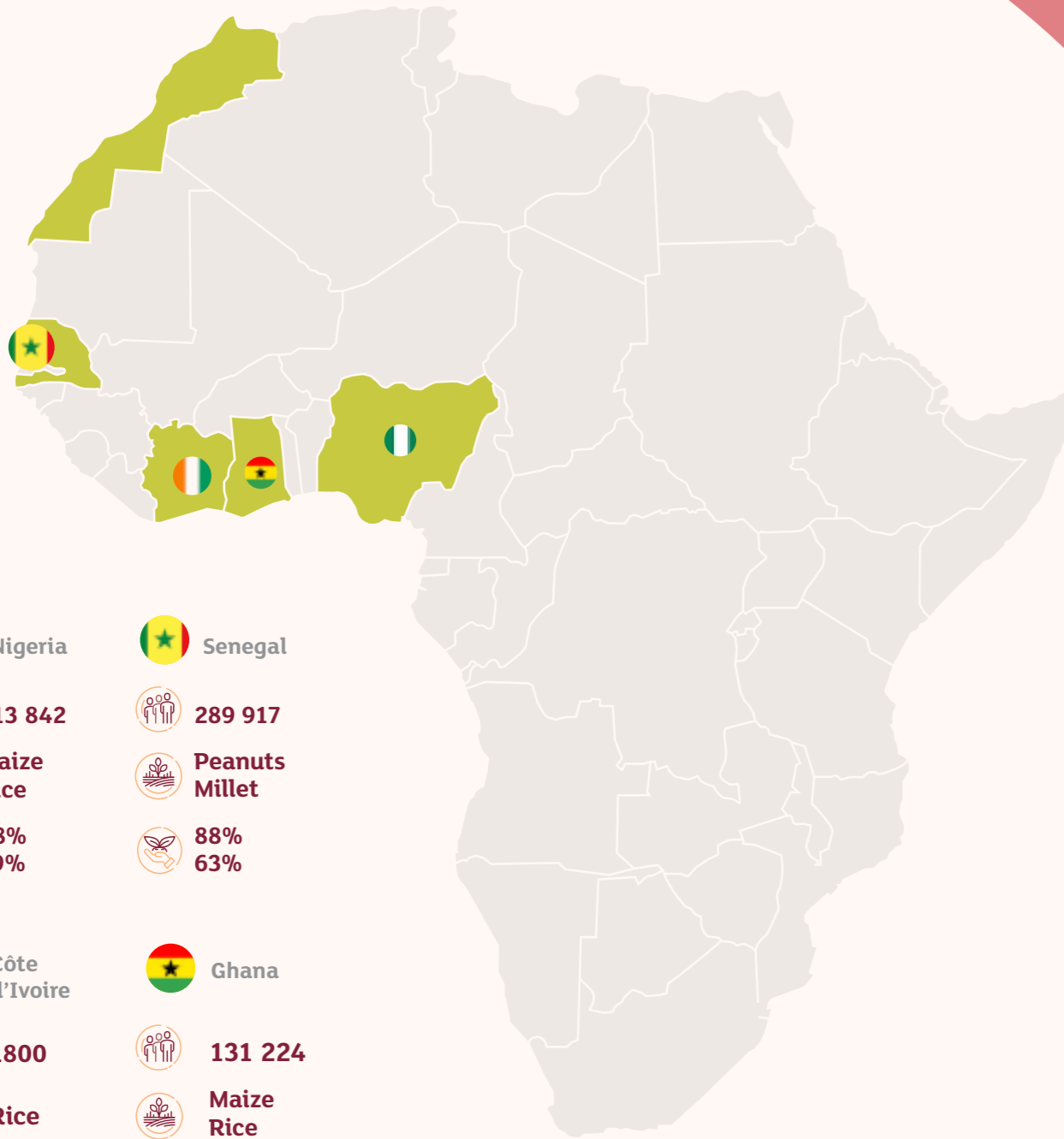
PARTNERS



“Agribooster has provided rice farmers with real opportunities through school fields, training on community work, good governance rules, and establishment of links with ORIANE INDUSTRIES. About 1700 rice producers have benefited from seeds, inputs, and field training.”

Mr. Toure Abdramane,
CEO of Oriane Industries, Côte d'Ivoire

AGRIBOOSTER PROGRAM FOOTPRINT (2016-2021)



	Nigeria		Senegal
	213 842		289 917
	Maize Rice		Peanuts Millet
	48% 19%		88% 63%
	Côte d'Ivoire		Ghana
	1800		131 224
	Rice		Maize Rice
	133%		100% 67%

Number of beneficiary farmers
 Targeted crops
 Yields



FARMER HOUSE


VALUE PROPOSITION OF THE PROGRAM

The Farmer House is a last-mile distribution solution that aims to meet the challenges of the availability and accessibility of agricultural inputs. The Farmer House includes all basic agricultural inputs, good agricultural practices (BPA) training, and extension services needed to ensure the permanent increase in farmers' yields and incomes, under one roof, near smallholder farmers in rural communities.

Each farmer house features a classroom, storage room, office, a well, one or more tricycles, a digital soil analysis lab, a greenhouse and a intelligent blender, etc.

IMPACTS AND ACHIEVEMENTS

 **29 250** petits exploitants agricoles atteints (chiffres 2020)

 **51** outlets opened in **18** Nigerian States



PARTNERS



“The essence of the MoU is for Bauchi State Government and OCP to collaborate to take the state to the highest level as far as agriculture is concerned. There are four major areas we want to start with. One is soil testing to know what is required of our various soils across the state. This is to improve soil quality.”


Samaila Adamu,
Commissioner of Agriculture,
Bauchi State, Nigeria

AGRIPROMOTER

VALUE PROPOSITION OF THE PROGRAM

Agripromoters are OCP Africa extension workers attached to Farmer Houses. They provide agricultural inputs as well as training, extension, and demonstration activities. To reach small rural farmers in their communities, each Agripromoter is equipped with a tricycle and tablet.

IMPACTS AND ACHIEVEMENTS

 **7K** smallholder farmers reached in Nigeria

 **40K** jobs to be created by 2024

PARTNERS





IMPACTFUL YOUTH AND WOMEN'S EMPOWERMENT PROGRAMMES

Women and young people are indispensable for the transformation of agriculture in Africa. Investments in the economic empowerment of these populations are a high-dividend investment that will have a significant impact on the continent's productivity, efficiency, and inclusiveness. OCP Africa engages with these strategic populations for African agriculture and deploys innovative programs tailored to their challenges.

WOMEN IN AGRIBOOSTER

Using the Agribooster platform, OCP Africa launched the Women in Agribooster initiative in 2020 to reach 5,000 women farmers in Ghana. The initiative aims to alleviate the adverse effects of COVID19 and ensure that women continue to produce food crops for their communities.

In addition to access to inputs, training on good agricultural practices, and market access, the program provides technical support to increase food productivity. TROTRO TRACTOR and SAYeTECH, two Ghanaian startups, winners of the first IMPULSE cohort, will support women farmers in mechanization through a powerful mobile on-demand platform that connects farmers to tractor operators and harvesting activities via intelligent machines. Through this program, OCP Africa creates innovative links between the startups that the company supports and vulnerable populations.

Besides, the 5000 women farmers benefited from an innovative agricultural platform called e-Extension that trained them on good agricultural practices and production monitoring in collaboration with Millenium Promise Alliance (MPA).

Thanks to these two initiatives supporting women farmers during the Covid-19 pandemic, 5000 women farmers were supported by OCP Africa in preparing the land through mechanization and smart techniques. These women farmers were also able to reduce post-harvest losses thanks to modern tools and harvesters.



SANDIARA AGRIBUSINESS INNOVATION

OCP Africa has launched an incubation program in Sandiara, western Senegal, to build the capacity of young agripreneurs and women's cooperatives active in agribusiness. The program enables women's groups to develop a sustainable organization model that brings members together around an economic activity (transformation of agricultural products and poultry) and promotes inclusion in markets. For agripreneurs, the incubation program plays a fundamental role as a propellant in entrepreneurship through support in the formalization of their business and the strengthening of technical skills to raise their level of productivity. In the long run, it is planned to establish contracts between agripreneurs and women's groups to strengthen the relations between the two categories of beneficiaries.



EMPOWERING AFRICAN YOUTH (EMAY)

Launched in 2020, Empowering African Youth (EMAY) is a program that addresses the issue of youth unemployment and their participation in the agricultural sector. A young African can be an agent for positive change, a powerful channel for technology transfer, and a resource for advice in the agricultural sector with EMAY. Young leaders are trained by a higher education institute to become an expert and ambassador in the agricultural field, enabling them to secure their livelihoods. Young Leaders are equipped with tools, such as digital labs, tricycles, tablets, and other mobile devices, to increase farmers' yield and profitability. The program will train 90 young leaders by the end of 2021.

“The EMAY training has accorded our University the opportunity to train 20 Young Leaders and 10 Agri-promoters in the areas of Good Agricultural Practices (GAP) and Soil Sampling Techniques and Analysis. I must appreciate your efforts in funding this giant project to empower youths in Africa, especially in agriculture. Therefore, the efforts put by you and your team in this regard are commendable. I am so much impressed by your commitment to providing modern mobile soil testing kits and other equipment for the training.”

Professor M. A. Abdulazeez,
Rector of Abubakar Tafawa Balewa University,
Bauchi, Nigeria



C. INNOVATING TO TRANSFORM

BETTER SOIL KNOWLEDGE FOR REASONED USE OF FERTILIZERS

Fertilizer use in sub-Saharan Africa has increased timidly. The rates applied are still low, and market penetration very variable, which makes fertilizers relatively expensive, mainly because of the lack of economies of scale. The 2006 Abuja Declaration called for an increase in fertilizer use in Sub-Saharan Africa to 50 kg/ha in 2015. Many fertilizer recommendations on the continent are still general, regardless of type and nutrient content, cultivation, agroecology, or soil fertility level.

In similar contexts, integrated soil fertility management proves to be a relevant approach to maximizing the efficiency of agronomic, use of applied nutrients and improving crop productivity. The approach relies on knowledge of soil specificities (availability of nutrients in the soil, water supply, etc.) and the demand of crops for nutrients (achievable yield and required amounts of nutrients). OCP Africa places an essential emphasis on integrated soil fertility management, including digital soil mapping, which it places at the center of its agronomic efforts. More than 25 million hectares of agricultural land have already been mapped between 2016 and 2020, with the intention of achieving an additional 20 million hectares within the next five years.

“
In Ethiopia, digital soil mapping enabled us not only to be more accurate in our fertilizer access governmental programs but also to catalyze private fertilizer sector investments made by OCP, the Moroccan fertilizer giant.”

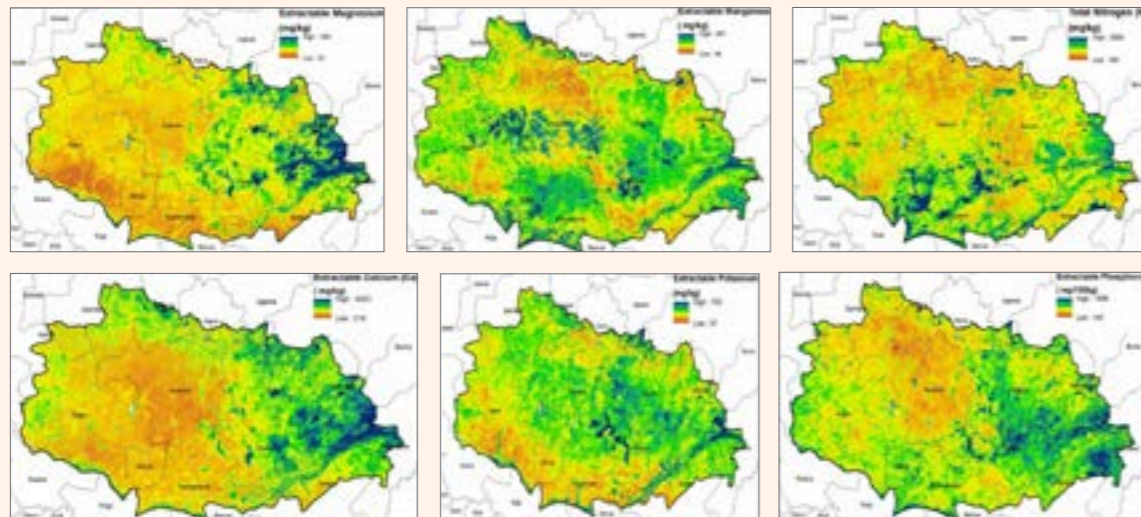
Khalid Bomba,
Founder and CEO of the Ethiopian Agricultural
Transformation Agency

CUSTOMIZED FORMULAS FOR IMPROVED YIELDS

OCP Africa is committed to developing new fertilizer formulas tailored to African soils and crop needs contributing to the development of the agricultural sector and improving farmers' yields. In partnership with governments, universities and research institutes, NGOs, farmers' associations, and the private sector, OCP Africa has carefully undertaken this long process in several African countries, including Nigeria.

OCP Africa has launched and technically supported the Digital Soil Mapping Project, in collaboration with its partners Africa Soil Information Service (AFSIS), Bayero University in Kano, the Institute for Agricultural Research (IAR), National Agricultural Extension Research Liaison Services (NAERLS) and Agricultural Development Programs (ADPs). This project enabled soil fertility assessment using a spatial methodology: satellite imaging processing, as well as geostatistical modeling, and automatic machine learning combined with soil, vegetation, and weather data. This methodology has covered an area of 21 million ha and developed other fertilizer recommendations for maize.

Under the supervision and support of the local partners, approximately 3000 samples were collected and analyzed. The soil data and the plant nutrient requirement data are incorporated in crop models to develop area-specific fertilizer recommendations. After the development of fertilizer recommendations, field testing protocols were prepared and rolled out. Overall, almost 1000 trial sites were established. The results from the field trials differ from one region to another. In relative terms, it has allowed validating the two new fertilizer formulations enriched with micronutrients which increased maize yield by 14 to 44% compared to the currently recommended fertilizer formulation across the Nigerian maize belt.



+21 million

ha covered

1000

trial sites established



UM6P, A STRATEGIC PARTNER IN ALL R&D PROJECTS IN AFRICA

Sharing the goal of putting research and innovation at the service of Africa’s sustainable development, OCP Africa and Mohamed VI Polytechnique University (UM6P) have joined forces and knowledge to set up various projects. This collaboration aims to address the significant challenges of the African continent, including the rational management of natural resources, the development of human capital, agile public policies, and sustainable industrialization.

AGRICULTURAL INNOVATION AND TECHNOLOGY TRANSFER CENTERS (AITTC)

AITTCs will constitute a rich crossroads of theoretical and practical knowledge in agriculture as well as a powerful conveyor of technical information and technological and scientific transfer. They will provide the community with a training station, research, and service for a fruitful dialogue among all agriculture-related players, disciplines, and institutions. The first projects will be implemented in Côte d’Ivoire and Senegal in partnership with UM6P, Cheikh Anta Diop University of Dakar (UCAD) and the National Polytechnic Institute Félix Houphouët-Boigny (NPI - HB).

In addition to strategic partners, the agricultural ecosystem improvement is a complex issue, addressed in partnership with different local and international players such as Wageningen University, International Fertilizer Development Center (IFDC), Stanford University, Sabanci University, Africa Rice, International Institute of Tropical Agriculture (IITA), public authorities, various African research universities and institutes, NGOs, farmers, cooperatives and the private sector.



“*OCP Africa’s teams played the role of an incubator for R&D through providing funds for soil mapping and developing specialized fertilizer projects throughout Africa. They focused on encouraging collaboration among the stakeholders by making knowledge and necessary resources accessible to farmers and supporting research projects for sustainable agricultural development. The catalytic effects of OCP Africa’s activities were achieved thanks to fruitful partnerships with the concerned governmental bodies, national institutions of agricultural research, and the main stakeholders in Africa and elsewhere. OCP constitutes a great and winning team.*”

Fatoumata Barry,
Peanut producer in Dabola.

STRUCTURING RESEARCH PROJECTS FOR AFRICAN AGRICULTURE

OCP Africa believes in addressing African agriculture’s current and future problems, such as food security, malnutrition, and climate change, holistically to obtain sustainable solutions. OCP Africa conducts innovative and research projects that revolve around five angles, in close collaboration with Mohamed VI Polytechnique University, research institutes, and African and international universities.

1. INNOVATIVE SOIL MAPPING

In addition to all soil digital mapping projects, a new African platform for soil fertility and nutrients management is under development in partnership with UM6P, Wageningen University, International Soil Reference and Information Center (ISRIC), and many African partners. This project aims to build a platform through which users will develop recommendations and fertilizers for a set of crops throughout the continent. UM6P and OCP Africa improve fertilizer management in Africa by strengthening the framework for fertilizer recommendations and making it available to partners.

INTEGRATED MANAGEMENT OF SOIL HEALTH

An increasing problem in Africa is soil acidity. Soils’ nutritional status is generally weak, which leads to inadequate nutrition and growth of crops. The correction of soil acidity and nutritional status is crucial in unlocking the potential of millions of hectares of acid soil in Africa. Direct application of rock phosphate was tested in Côte d’Ivoire, Ghana, and Benin to evaluate its ability to correct soil acidity and improve the status of soil’s nutrients, especially P, for different crops. Some African countries face another major challenge which is soil salinity. In Ethiopia, a country with one million and a half hectares of saline soil, OCP Africa launched a research project on the applications of phosphogypsum to address soil salinity in collaboration with UM6P and the universities of Hawassa and Haramaya.



3. AGRONOMIC SOLUTIONS BEYOND FERTILIZERS

In 2019, OCP Africa initiated a project to develop rhizobacteria-based inoculants to meet the nitrogen needs of pulse crops in Africa. In combination with the specific fertilizers, developing inoculants will provide better yields and efficiency while ensuring better environmental protection and protein-rich nutrition for African populations.

Inoculation technology is still weak in Sub-Saharan Africa due to the lack of quality inoculants adapted to African conditions. This project aims to:



Develop high-value-added inoculants adapted to conditions of transport, storage, and application in Sub-Saharan Africa.



Confirm the application on pulses of P-enriched fertilizer formulas with inoculants.



Build the capacities of young researchers from Ghana and Nigeria directly involved in this project.



Create a pilot process to manufacture quality inoculants at a large scale for African farmers.

4. SMART ENVIRONMENTAL AND CLIMATE SOLUTIONS

The proliferation of water hyacinth is causing significant disturbances to the local ecosystem at Lake Tana, including the reduction of fishing catches by almost 70% in recent years. Also, it is a problem common to several large lakes in Africa. As part of OCP Africa's projects in Ethiopia, all mitigation and control techniques will be analyzed, including the process of upgrading water hyacinth for the production of organic or bio-fuel fertilizers.

In Nigeria and Rwanda, OCP Africa is conducting a project to determine the effects of OCP fertilizers containing zinc and boron on maize's yield and nutritional quality. This project aims to assess the impact of those fertilizers on corn yield and the mineral content of the harvested product and to demonstrate their contribution to ensuring good human nutrition in quantity and quality.

5. SMART SUPPLY CHAIN

In East Africa, OCP Africa is developing the logistics network for fertilizer distribution and production in partnership with UM6P, JESA, and Ecole Polytechnique de Montréal. By optimizing logistics operations between the port of Djibouti and distribution to the various regions of Ethiopia via blenders, the logistics platform project will also design upstream and downstream logistics with the entry into service of the Dire Dawa plant.



C. BETTER IMPACT

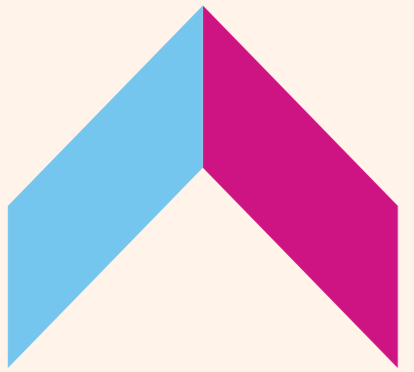
BETTER IMPACT

Digitizing agriculture offers many opportunities and much productivity potential. Digital solutions used in agriculture facilitate timely decision making and rationalize agricultural activities through data usage. At OCP Africa, we are aware of the importance of digitization and innovation in the African agricultural transition. Digitization offers farmers access to new technologies, information and value chain. Digitization is a real lever in accelerating knowledge, reducing geographical distances and obtaining available discounts in the agricultural ecosystem.

Cognizant of the challenges facing African agriculture, OCP Africa is strongly committed to making digitization easily accessible for as many players as possible. Not only does the OCP Group subsidiary develop digital solutions to directly provide farmers with value, but it also supports agricultural technology entrepreneurs.

“*Inclusive and digital agricultural transformation may significantly improve the livelihoods of smallholder farmers and shepherds of Africa. It can encourage women and youth to start a business in agriculture and create job opportunities in the value chain.*”

Michael Hailu,
Director of the Technical Center
for Agricultural and Rural Cooperation CTA



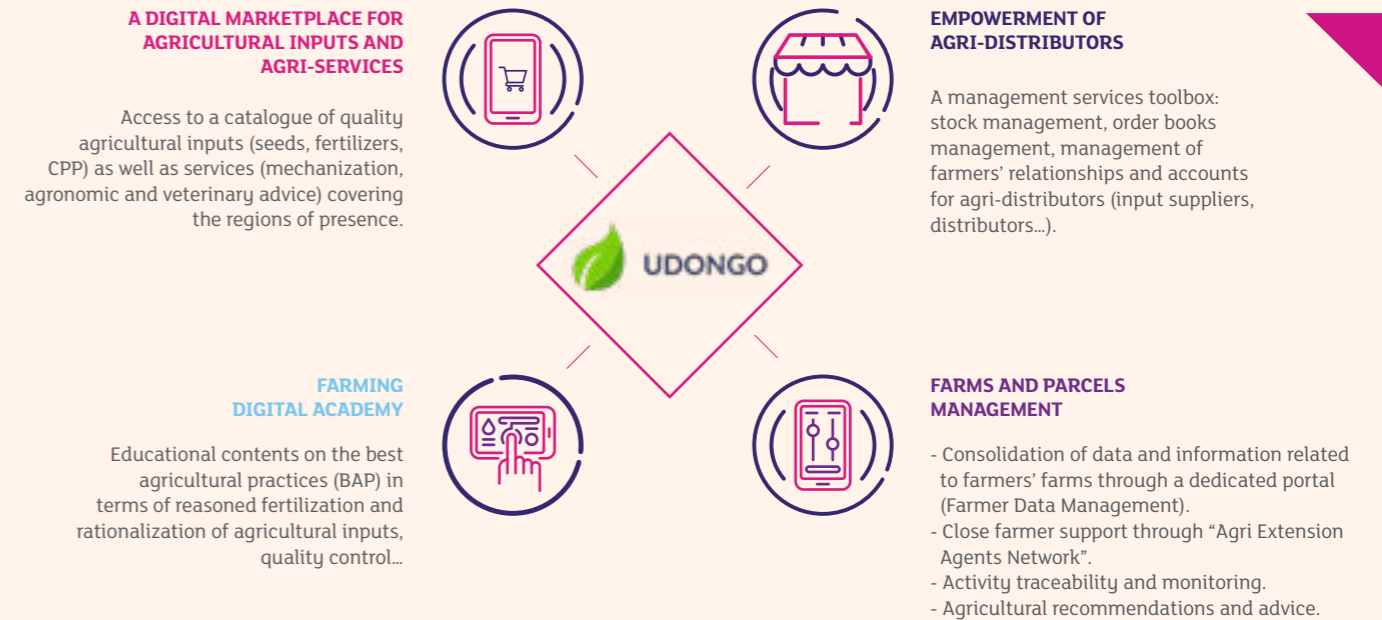
UDONGO, AN AGRI-SERVICE FULL PACKAGE

Launched in 2019, Udongo is a digital platform that supports the value chain with various services while putting farmers at the center of the ecosystem. Thanks to this digital solution, farmers have the possibility of accessing the agricultural market and benefiting from close support through “Agri Extension Agents Network”. Udongo provides farmers with educational and practical content on the best agricultural practices as well as special advice and recommendations. This initiative will potentially be developed, together with new services, in the countries where OCP Group boasts a strategic presence.

The solution is on the web but is also accessible via a mobile application providing farmers with a one-stop-shop through integrated and complementary services. Being in the deployment phase, the solution was initially launched in Nigeria and is expected to reach other African countries.



SERVICES OFFERED BY UDONGO APPLICATION



AGRO+

OCP Africa has developed a web platform for managing soil nutrients and providing site-related fertilizer recommendations as well as other good agronomic practices. With AGRO+, OCP Africa possesses an efficient tool that provides farmers with fertilizer recommendations. The tool replaces the existing recommendations tools used by many farmers, such as Nutrient Expert and significantly increasing the quality of recommendations and the number of beneficiary farmers.

AGRO+ platform will also allow benefiting from the soil data collected through OCP Africa's different programs and initiatives. Led in partnership with UM6P and the Nigeria Institute of Soil Science (NISS), the first trials in Nigeria's State of Kaduna were successful.



IMPULSE, DIGITAL TRANSITION ACCELERATOR

Impulse is a unique acceleration program developed by Mohammed VI Polytechnic University in partnership with MassChallenge and supported by OCP Group and its subsidiary OCP Africa.

This 12-week program targets innovative startups working in different scientific and industrial fields, such as Agritech, BioTech, Mining Technologies as well as Materials Sciences and Nano Engineering. Impulse aims to support the rapid growth of these startups and develop fruitful and sustainable ties with OCP Group, Mohammed VI Polytechnic University (UM6P) and their ecosystems.

This initiative is part of the University's approach called "Innovation & Entrepreneurship" aimed at encouraging and supporting a global community of proactive researchers and entrepreneurs who are contributing to the development of the African continent. This platform creates a crossroads among many players of one ecosystem who work together for the purpose of making different resources, such as training courses, workshops, Fablabs, Living Labs, incubation and acceleration programs..., accessible for the startups so that they can develop their activity.



VALUE PROPOSITION OF THE PROGRAM

All startups participating in the Impulse program will benefit from many advantages aimed at strengthening their innovative projects:

- Mentorship and coaching offered by a network of OCP experts, UM6P's professors and doctoral students and mentors from MassChallenge and entrepreneurial ecosystem networks.
- Access to UM6P resources: Fablab, experimental and living labs with state-of-the-art equipment which help the startups develop and test the prototypes of their products and services.
- Study trip to the entrepreneurial ecosystems of Boston and Lausanne.
- Access to a 431-square meter co-working space equipped with the necessary infrastructure and material for helping the startups execute their projects.
- Cash prize of up to USD 250,000.
- Access to financing through a set of national and international venture capital firms and business angels.
- Access to business opportunities through OCP Group, OCP Africa and UM6P network.

17 WINNING STARTUPS DURING THE FIRST COHORT OF THE PROGRAM

PRIZE	STARTUP	DESCRIPTION	
 DIAMOND: USD 50,000	 	Foodlocker is a platform that connects farmers to customers	
	 PLATINUM: USD 20,000	 	DataFarm is collecting geolocated farm's agronomic data to identify limiting agronomic factors and increase the yield.
		 	LONO is a bioprocess engineering company providing solutions for smallholder farmers and agro-industries to valorize their waste.
		 	Safi Organics is using technology to decentralize fertilizer production and improve rural farmers' access to high-quality fertilizers.
		 	Social Lender helps financial institutions offer social reputation-based financial services to ensure better financial inclusion.
 GOLD: USD 10,000	 	Strayos optimizes industrial field operations with aerial image processing solution	
	 	AGROOP is developing cloud solutions and connected objects for crop monitoring, resources management, risk prevention and optimization of agricultural production.	
	 	ColdHubs is manufacturing solar-powered cold-rooms, allowing merchants and farmers to store perishable goods.	

“

We have had the chance to visit and see what will be the African MIT for AgriTech, BioTech, Mining Technology, Nanotechnology and other interesting activities. Africa's future will certainly have a link with the UM6P.”

Fermi Aiki
PDG de Foodlocker (Nigeria)

 GOLD: USD 10,000	 	Farmcrowdy provides farmers with smart farming techniques, quality farm inputs, and access to markets to increase their benefits.
	 	eProd Solutions is providing technology solutions allowing to assess food safety and nutritional value of agricultural products.
	 	Esoko provides a platform that connects rural Africans to financial services, markets and advice and information services.
	 	SAYeTECH develops machines for increasing African farmers' productivity and reducing waste.
	 	TROTRo Tractor enables smallholder farmers to access tractors and other machines through a digital platform.
	 	Hydro Barley offers a green feed production solution at competitive prices based on a hydroponic system.
	 	Moldiag is developing and producing innovative and cost-effective diagnostic tests for the detection and the quantification of several markers for human, animal and plant diseases.
	 	SATGRIE offers sensors that collect and analyze soil data in order to determine the nutritional needs of cultivated plants.



CASE STUDIES

CASE STUDY 1

OCP AFRICA SUPPORTS COVID-19 RESPONSE PLANS

The African continent was seriously affected by the 2020 Covid-19. The consequences of the pandemic on the continent revealed the limited aspect of the models adopted for development. In most African countries, where food systems are labor intensive, the shortage of workers due to restrictions on the mobility of people has affected both the supply of necessary upstream inputs and downstream trade, processing and transport activities.

This crisis highlighted the necessity of innovating, finding new growth models, accelerating agricultural transformation reforms across the continent, encouraging local products and new green consumption and production modes. It also shed light on the key role that OCP Africa can play through building or strengthening partnerships involving all chain value players.

In this context, targeted initiatives were taken in countries like Senegal, Côte d'Ivoire, Ghana and Nigeria.



SÉNÉGAL

In Senegal, through the peanut Agribooster, OCP Africa maintained its support to the biggest agricultural cooperative in the country (ASPRODEB), in partnership with the General Delegation for Rapid Entrepreneurship of Women and Youth (DER). The project targets 100,000 farmers and a production of 90,000 tons of peanuts.

Thanks to this partnership, smallholder farmers will be able to:

- Timely obtain quality inputs they need to improve their agricultural yields and production considerably;
- Find a market where to sell their products and, therefore, increase their incomes.

In collaboration with the Ministry of Agriculture and Rural Economy, OCP Africa has also enabled 4,000 Senegalese families to access fertilizers as part of the support targeting farmers affected by the pandemic.



100K
targeted farmers



A production of
90.000tn
tons of peanuts

CÔTE D'IVOIRE

In Côte d'Ivoire, OCP Africa supports the 2020-2030 rice development national strategy led by the Ministry of Rice Promotion through a holistic approach covering the supply of customized fertilizers and rice seeds produced in partnership with AfricaRice.

Taking advantage of its network, OCP Africa attracts more partners, financial institutions and insurance companies to provide the guarantees required to making the operation a success.

This urgent response is part of a larger program designed to help the country achieve sustainable rice self-sufficiency. This project will allow reaching 200,000 smallholder farmers and providing 20% of the country's rice consumption.



200K

smallholder farmers reached



20%

of the country's rice consumption



“This partnership with OCP Africa will contribute to the development of rice, which is a priority for the government. It will provide a solution for the thorny problem of supplying producers with quality fertilizers. I am always persuaded that this partnership will not only be fruitful but will also be a source of hope for the sector in Côte d'Ivoire.”

M. GAOUSSOU TOURE,
Minister of Rice Promotion
in Côte d'Ivoire

GHANA

In Ghana, one of the continent's agricultural lungs, 5,000 vulnerable women are provided with support through a financial tool in order to help families survive. This rural woman support fund is part of the “Women in Agribooster” program. Launched by OCP Africa, Women in Agribooster aims to support women working in agriculture by providing continuous training and making quality inputs and markets easily accessible.



5000

vulnerable women supported

NIGERIA

In Africa's most populated country, OCP Africa continued to support the Presidential Fertilizer Initiative through distributing fertilizers to 50,000 farmers in at least six big States where 25 sale points and 525 jobs were created.

The initiative combines all OCP Africa's development programs in Nigeria, such as the One Stop Shop (distribution points), Agribooster Offer (inputs formulas), Agripromoters (extension agents) and Udongo Agritech application.

Through this support, OCP Africa shows its ability to create high-impact agricultural development programs and combine them to efficiently deal with the continent's agricultural problems.



Fertilizers have been distributed to

50K
farmers



525
jobs created



25 sale points



“I wish to salute the efforts of OCP Africa that identified with us in order to achieve our national objectives of providing high quality fertilizers for our numerous farmers across the country. This praiseworthy support will significantly contribute to improving the productivity and incomes of the targeted farmers and achieving the nation's food security.”

Alhaji Mustapha Bava Shehuri,
Minister of State: Agriculture
and Rural Development.

RWANDA

OCP Africa gave 500 tons of DAP gifts to support vulnerable farmers affected by the Covid-19 in Rwanda. The OCP Group's subsidiary is therefore taking part in alleviating the impact of Covid-19 and helping vulnerable farmers maintain their production levels by closely collaborating with MINAGRI and all impacted districts.

“I congratulate this initiative which is part of the government’s Covid-19 response continuity aimed at strengthening the resilience of the farmers of our country. It is an important contribution to our work aiming to provide farmers with the essential fertilizers required for stimulating agriculture production and, therefore, ensuring a sufficient food supply.”

Dr. Gerardine Mukeshimana,
Minister of Agriculture
and Animal Resources



500 TONS
of DAP to support vulnerable
farmers

CASE STUDY 2

NEW FARMER TRAINING METHODS

OCP School Lab and Agribooster are the main methods on which OCP Africa relies to train smallholder farmers on good agricultural practices and biophysical challenges of agriculture in Nigeria.

Because of the Covid-19 pandemic, the Federal Government of Nigeria took strict measures to control the spread of the virus. These measures, particularly the restrictions of movements, have drastically impacted the training modules which, until then, were done in groups. Therefore, it is necessary, in this context of crisis and possible food shortage, to develop and implement new approaches that are adapted to such circumstances to achieve the Nigerian farmer training objectives.

Accordingly, OCP Africa’s teams in Nigeria have designed a new farmer awareness raising program called “New Generation Outreach”. This program aims to train Nigerian farmers through television, radio and social networks and, therefore, increase youth’s participation in agriculture.

OBJECTIVES OF THE PROGRAM

-  **Ensure food production growth during and after Covid-19 period.**
-  **Ensure farmers are continuously trained on good agricultural practices through media platforms.**
-  **Strengthen the participation of women and youth in agriculture and, therefore, increase food production in order to alleviate hunger.**
-  **Create a platform encouraging agricultural player’s commitment, participation and collaboration.**
-  **Draw attention to Nigeria’s rich agricultural heritage and potential.**



12 Million viewers reached during the first season

Farm & Fortune is based on a TV show with the same name. The program largely relies on media as it focuses on documentaries, roundtables, experts’ advice and talk-shows broadcast on different channels (television, radio, social networks). Starting from Nigeria, the project will reach other important countries in the years to come.



OCP AFRICAN IN THE MEDIA

Challenge

FEBRUARY 1, 2016 OCP AFRICA : 10 LOCAL OFFICES IN AFRICA IN 2016

Launched this morning in Marrakech in the margin of Argus FMB Africa Fertilizer 2016, a major fertilizer sector event in Africa, OCP Group's new entity, OCP Africa, is redoubling its efforts. The group plans to open 10 local offices in 2016 in the continent (Kenya, Angola, etc.), with the aim of being as close as possible to farmers.

le Desk

FEBRUARY 25, 2016 OFFICIAL OPENING OF "AFRICA FERTILIZER COMPLEX" IN JORF LASFAR

Launched this morning in Marrakech in the margin of Argus FMB Africa Fertilizer 2016, a major fertilizer sector event in Africa, OCP Group's new entity, OCP Africa, is redoubling its efforts. The group plans to open 10 local offices in 2016 in the continent (Kenya, Angola, etc.), with the aim of being as close as possible to farmers.

THE NORTH AFRICA POST

FEBRUARY 25, 2016 HOW IS MOROCCO CONTRIBUTING TO ACHIEVE FOOD SECURITY IN AFRICA?

The new companies are part of OCP Africa, which operates in the field of agricultural development in the continent. Through this large scale investment, the OCP group aims at boosting economic ties with African countries in tandem with Morocco's endeavor to promote its diplomatic influence in the continent, a strategy spearheaded by King Mohammed VI.



FEBRUARY 25, 2016 OCP AFRICA LAUNCHES AGRIBOOSTER INITIATIVE

OCP Africa, a subsidiary of OCP Group, a leading global producer of phosphate and its derivatives, with almost 100 years of experience, has re-launched its 'Agribooster Offer' aimed at contributing to boost the food production in the country and to empower smallholder farmers.



MARCH 8, 2016 THE MOROCCAN PHOSPHATE GIANT BETS ON FERTILIZER-DEFICIENT AFRICA

Africa constitutes a land of conquest for fertilizer producers as the continent's consumption is still very weak. Investments are mushrooming in Sub-Saharan Africa in order to provide farmers with fertilizers. OCP is not out of the game: currently focusing on international markets, the Moroccan phosphate giant is increasingly interested in Africa. The Group has just created an ad hoc subsidiary, OCP Africa, in order to manufacture and sell fertilizers to African smallholder farmers. In Morocco, an OCP plant is even dedicated, a few weeks now, to manufacturing fertilizers exclusively for Africa.

Financial Afrik

AUGUST 8, 2016 MOROCCO: OCP GROUP TO ESTABLISH 14 NEW SUBSIDIARIES IN SUB-SAHARAN AFRICA

The Office Chérifien des Phosphates (OCP), expects opening 14 new subsidiaries in Sub-Saharan Africa. The objective is to enlarge OCP's African network and make a promising start in the African market, improve its position in the continent and develop ties with the different African countries.

jeuneafrique

OCTOBER 21, 2016 ETHIOPIA: MOROCCO'S OCP TO PRODUCE FERTILIZERS FOR FARMERS

During his visit to Ethiopia last week, King Mohammed VI signed a partnership agreement with Addis-Ababa. In a first phase, the agreement relates to an investment of USD 2.4 billion of which USD 1.44 billion will be provided as loans.



NOVEMBER 11, 2016 "OCP AFRICA" ASPIRES TO MODERN AND VALUE-CREATING AGRICULTURE IN AFRICA

Since its inception, OCP Africa strives to make the traditional and subsistence agriculture, largely widespread in Africa, open to transformation towards a modern, sustainable and value-creating agricultural ecosystem, said, on Wednesday in Abidjan, Mohamed BENZEKRI, OCP Africa's vice-president for West Africa.

jeuneafrique

DECEMBER 20, 2016 FERTILIZERS: MOROCCO'S OCP CREATES ITS SUBSIDIARY FOR SUB-SAHARAN AFRICA

"OCP Africa" was introduced in Marrakech three weeks after the official opening of a fertilizer plant that constitutes the first stage of an ambitious expansion plan on African markets.



MAY 17, 2017 MOROCCO'S OCP AND ETHIOPIA SIGN LARGE FERTILIZER PLANT DEAL

Morocco's Office Chérifien des Phosphates (OCP), the world's largest phosphate exporter, signed a deal with Ethiopia on Saturday to build a \$3.7 billion plant to produce fertilizers.



NOVEMBER 1, 2017 OCP LAUNCHES MOBILE SCHOOL LAB IN KADUNA

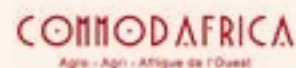
As the Federal Government intensifies efforts towards economy diversification, OCP Africa has commenced training of 10,000 smallholding farmers in 12 pilot local government areas of Kaduna State soil analysis opportunities and soil specific fertilizer recommendation for improved productivity.



JUNE 6, 2018 ADB AND OCP AFRICA JOIN FORCES TO IMPROVE ACCESS TO FERTILIZERS IN CÔTE D'IVOIRE AND GHANA

The African Development Bank has approved the participation of the Africa Fertilizer Financing Mechanism (AFFM) in a \$4 million partial trade credit guarantee with OCP Africa, subsidiary of OCP Group.

OCP AFRICA DANS LES MÉDIAS



AUGUST 13, 2018 MOROCCO'S OCP INVESTS ONE BILLION IN FERTILIZERS IN NIGERIA

OCP Africa will invest one billion dollars in Nigeria in order to build two fertilizer plants, said the Moroccan Group on January 18. This will allow reducing imports, mainly DAP (phosphate- and ammoniac-based) from Morocco.



JANUARY 28, 2019 IS AFRICA THE ANSWER TO THE WORLD'S GROWING FOOD INSECURITY PROBLEMS?

Feeding an ever growing population is both a social challenge and a business opportunity. CNN's Eleni Giokos sat down with Karim Lotfi Senhadji of OCP Africa to talk about how he thinks Africa can maximize its agricultural potential.



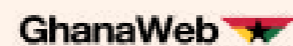
MARCH 4, 2019 RICE: OCP TO PROVIDE CÔTE D'IVOIRE WITH CUSTOMIZED FERTILIZERS

The Ivorian government, through the Ministry of Rice Promotion, and OCP Africa, subsidiary of Morocco's OCP, signed on Friday in Abidjan an agreement protocol aimed at contributing to the revitalization of rice production in Côte d'Ivoire.



JUNE 27, 2019 OCP AFRICA AND ITFC JOIN FORCES TO BUILD AGRICULTURAL CAPACITIES IN AFRICA

International Islamic Trade Finance Corporation (ITFC), member of Islamic Development Bank, and OCP Africa, subsidiary of Morocco's OCP Group, signed a memorandum of understanding on the strategic financing, innovation and agricultural capabilities building measures.



AUGUST 13, 2019 OCP AFRICA PARTNERS AGRIHOUSE FOUNDATION TO TRAIN AGRIC STUDENTS

OCP Africa, a subsidiary of OCP Group, a leading global producer of phosphate and its derivatives, has supported the third edition of the Agricultural Students Career Guidance and Mentorship Dialogue Programme for Agric students in some universities of Ghana.



OCTOBER 22, 2019 OCP AFRICA PARTNERS ATBU, TRAINS STUDENTS ON AGRO BUSINESS IN FIVE STATES

OCP Africa, a phosphate-based fertilizer producer, has partnered with Abubakar Tafawa Balewa University (ATBU) to train students from five Nigerian states on agribusinesses.



OCTOBER 22, 2019 IMPULSE TOURS AFRICA

Launched in June 2019 in Casablanca, Impulse program starts its African tour with a stop in Accra in Ghana. The session took place on April 6 and allowed introducing the program's components to the Ghanaian entrepreneurial ecosystem.



APRIL 2, 2020 OCP SCHOOL LAB REACHES SENEGAL

The OCP Group's subsidiary, OCP Africa, launches its OCP School Lab program in Saint-Louis in Senegal. Having already crossed six African countries, the program aims to support and train about 10,000 farmers in reasonably using fertilizers.



SEPTEMBER 4, 2020 UPDATE 1-MOROCCO'S OCP PLANS AFRICAN CHEMICAL PLANTS, FERTILIZER BLENDEES

Morocco's OCP Group, expects to reach a deal this year to build a Nigerian ammonia plant and to start production at a \$3.7 billion chemical plant in Ethiopia by 2023/2024, the chief executive of its OCP Africa subsidiary told Reuters.



SEPTEMBER 29, 2020 AFRICA: A PARTNERSHIP BETWEEN SFI AND OCP AFRICA TO SUPPORT RICE AND MILLET

The International Finance Corporation (IFC), member of World Bank Group, announced having signed a partnership with OCP Africa, a subsidiary of OCP Group, global phosphate and derivatives market leader.



OCTOBER 8, 2020 MOROCCAN FIRM BEGINS TRAINING OF 10,000 MAIZE FARMERS IN BAUCHI

A Moroccan firm, OCP Africa, has launched its School Lab project in Bauchi State to boost the yield and income of 10,000 smallholder farmers in 70 communities in the state.



OCTOBER 8, 2020 AGRICULTURE IN AFRICA 2019: SPECIAL REPORT

Africa boasts significant untapped agricultural potential. While the continent accounts for 60% of the world's arable land, it only contributes 4% of the total output. Cognizant of this, a global research and consultancy firm, Oxford Business Group (OBG), is publishing a study, Agriculture in Africa 2019, analyzing the state of the sector and its medium-term development prospects. The publication is the first of its type to be published by OBG as part of a collaboration agreement with OCP Group, a major player in the global fertilizer market.

OCP AFRICA DANS LES MÉDIAS

THE NORTH AFRICA POST

MARCH 3, 2021
MOROCCO-NIGERIA: \$ 1.3 BLN
FERTILIZER PRODUCTION PLANT
PROJECT ADVANCING

Following the telephone conversation held last month between King Mohammed VI and President Muhammadu Buhari, a Nigerian delegation led by minister of Petroleum Resources Timipre Marlin Sylva is visiting Morocco to set out the next steps of the \$1.3 Bln fertilizer production plant project launched in June 2018.

PREMIUM Times

MARCH 10, 2021
FEPSAN SIGNS ANOTHER AGREEMENT
WITH OCP MOROCCO FOR AGRONOMIC
ASSISTANCE, ENHANCED YIELD

FEPSAN President says the new agreement will enable Nigerian blenders of NPK fertilizer to have access to improved supply of di-ammonium sulphate chemicals.

COMMODAFRICA

Agri - Agri - Afrique de l'Ouest

MARCH 26, 2021
AN AGREEMENT BETWEEN NIGERIA AND MOROCCO ON A \$ 1.3 BILLION
FERTILIZER INDUSTRIAL COMPLEX

"Nigeria will become a regional and global fertilizer power", said the President Muhammadu BUHARI last Wednesday in Abuja, and the country seems to be on the right path to make this true. The President announced the creation of a new \$ 1.3 billion chemical products platform for producing ammoniac and fertilizers in Nigeria in partnership with Morocco, second largest phosphate producer in the world.



AFRICA

ocpafrika.com

