

2019 ANNUAL REPORT

DRIVE AND
SUSTAIN
THE CO-CREATION OF
SHARED VALUE



FONDATION





His Majesty King Mohammed VI, May God glorify him

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EDITORIAL

CO-CONSTRUCTION IN ACTION

Since its creation, releasing energies for sustainable and equitable development, disseminating and galvanizing knowledge and improving living conditions of populations with a view to their empowerment has been the cornerstone of OCP Foundation.

Our grassroots initiatives in support of young people, women, the excluded, the destitute and the underprivileged people in a bid to combat social disparities and to enshrine the principle of equal opportunities have made it possible for us to reaffirm our original mission as a committed player for the well-being of current and future generations.

Each year, we update and revitalize our ambitions in line with the social and economic changes in our society and the societies with which we share principles, values and a common vision for the future. This explains the continuous expansion of our field of action, from all-round solidarity to support for the ecosystem of knowledge and research.

During 2019, the Foundation intensified its support for structuring and promising projects in various sectors, thus sharing the aspirations and challenges of their promoters. And precisely because knowledge is the first lever for sustainable and equitable development, we have always made education and equal access to knowledge our guiding principle. This year, in particular, we gave new impetus to the Sponsored Schools Program, the result of our strategic partnership with the Ministry of National Education, which began in 2016, setting the bar very high for our objectives. We have successfully improved the schooling conditions of several thousand students in public schools, reflecting the Foundation's commitment to educational innovation as a means of social development. This educational renaissance goes hand in hand with academic excellence.

An excellence embodied by the Mohammed VI Polytechnic University (UM6P) and Lycée d'Excellence de Benguérir (LYDEX) whose preparatory classes have

succeeded in placing several of their students in top-flight Moroccan and French engineering and business schools such as the Ecole Polytechnique de Paris, through merit and excellence scholarships.

Indeed, OCP Foundation has helped thousands of young people to pursue their studies through scholarships that enshrine the principle of social and academic merit, allowing year after year Moroccan students from modest backgrounds to pursue their higher education in renowned national and international institutions.

In the same vein, it is difficult not to recall the Foundation's unwavering support for social protection institutions; a commitment that is fully in line with our desire to improve the living conditions, autonomy and social participation of people with reduced mobility or disabilities in Morocco.

And since solidarity and sharing have no borders, we have set up partnerships to exchange expertise on good agricultural practices in several countries in Africa and Asia, supported research to make Morocco a national powerhouse and a world reference in terms of research on phosphates, mentored and supported programs to initiate and raise awareness of entrepreneurship for the benefit of self-entrepreneurs, VSEs (Very Small Enterprises) and cooperatives, and finally, raised awareness of heritage preservation challenges..

In short, a panoply of actions that faithfully reflects our constant and evolving commitment, based on collective intelligence, co-construction and co-development, for a **better future.**

A FOUNDATION IN TUNE WITH ECONOMIC AND SOCIAL CHANGES

‘Through the support of OCP Foundation, teachers have the tools and resources they need to not only give classes in the classical way, but also to be talent scouts’

Marouane AL Madraoui, Director of the ‘Al Inbiaat’ school in the Region of Youssoufia

1-HIGHLIGHTS

2007

Creation of OCP Foundation

OCP Foundation was created to support the social and societal commitment of OCP Group. Its objective is to develop and implement citizen programmes for human development. Thus, OCP Foundation has adopted a participatory approach, establishing the foundations of an integrated citizen action for economic and social development in Morocco and countries of the South, within the framework of South-South cooperation.

2012

OCP Foundation recognized its public utility

OCP Foundation is recognized as being of common public interest, which underpins its commitment to full transparency with all its stakeholders.

2014

Development projects in Africa

During this year, OCP Foundation launched its first initiatives in Africa through two Gambian cooperatives. At the same time, it organized an agricultural caravan in Mali and deployed an agricultural cooperation program with Guinea Conakry, including the training of managers from the Ministry of Agriculture of this country. It also conducted a study on the rice supply issue in the Mano River Union region in four African countries, namely Liberia, Sierra Leone, Guinea Conakry and Côte d'Ivoire (the Ivory Coast).

2017

Research and Development Fund around phosphates

The Foundation, in collaboration with the Ministry of Higher Education, Scientific Research and Executive Training, OCP S.A. and the National Centre for Scientific and Technical Research (CNRST), launched a three-(3) year Phosphate Research and Development Fund to finance and support projects within a transparent, open and competitive framework for the purpose of promoting national research.

Starting up international projects

2010

Through its Agricultural Extension Services program (AES), OCP Foundation launched a rural development project in the State of Karnataka in India. The main objective of this four-year collaborative project with Morocco's INRA (Institut National de la Recherche Agronomique = National Institute for Agricultural Research) and India's ISAP (Indian Society of Agribusiness Professionals) is to set up an agricultural extension program providing direct support to several thousand small farmers.

Scholarship Program

2013

The Foundation has established several scholarship programs that allow deserving students from underprivileged backgrounds to access an education of excellence.

Sponsored Schools Program

2016

The year 2016 saw the implementation of numerous projects aimed at improving studying conditions in public schools through the launch of the Sponsored Schools Program. Thus, the school initiatives implemented in this framework have favoured the introduction of a comprehensive high quality school syllabus in public schools, taking into account the educational and environmental dimension.

Knowledge Ecosystem

2019

Promotion of the Knowledge Ecosystem through the consolidated support of the Mohammed VI Polytechnic University, LYDEX and the MAScIR Foundation.

2- A FOUNDATION IN STEP WITH THE TIMES: FROM SOLIDARITY TO THE KNOWLEDGE ECOSYSTEM

A DYNAMIC FOUNDATION

OCP Foundation, a non-profit association, was created in 2007 to carry on OCP's social and societal commitment. At the launch of its grassroots activities in 2011, the Foundation began to reflect OCP Group's societal and environmental concerns. In particular, it provides financial and technical support to numerous external entities (mainly associations) in various fields (education, agriculture, health, environment, culture, etc.), reflecting its willingness to commit itself as a social partner. Its main activities include supporting solidarity actions and initiating human development projects, primarily

in the regions where OCP Group is established; based on objective criteria of allocation and valuation. It also aims to define and implement concrete and effective initiatives in vulnerable local communities in other African and Asian countries.

NEW MANDATES

Directly inspired by the best current international practices, OCP Foundation has adopted an organizational model that expands its impact in complete transparency. Its human capital constitutes the key element of its 'intangible capital'. It brings together the knowledge, know-how, skills and ambition of women and men, guided by excellence and working towards the success of their citizen projects. Today, as it continues its dynamic search for performance, while respecting values of ethics and professionalism, the Foundation is pursuing new agile operational modes and new mandates. In line with the values and ambition of OCP Group, OCP Foundation wants to be an actor committed to sustainable human development in Morocco and globally. It favours integrated and public interest initiatives that contribute to inclusive socio-economic progress, skills development and the dissemination of knowledge.



In a spirit of sharing and exchange, OCP Foundation is actively and dynamically open to the reference networks in its fields of activity. It adopts an agile action model, based on a collective intelligence approach with a social impact. Its objective is to contribute to the promotion of a knowledge ecosystem equipped with the best levers of excellence, in particular through support for education, research and innovation; to implement projects that integrate the priorities of populations and areas of action according to a social innovation approach; and to strengthen the capacity for action of stakeholders to encourage and sustain the creation of shared value.



Royaume du Maroc
Ministère de l'Éducation Nationale,
de la Formation professionnelle,
de l'Enseignement Supérieur
et de la Recherche Scientifique

OCP FOUNDATION AND MINISTRY OF NATIONAL EDUCATION, HAND IN HAND

Committed to education, OCP Foundation has forged close ties with the Ministry of National Education. The two partners are bound by a framework agreement which aims to improve the quality of education and create an education system based on standards of excellence and educational innovation in the best possible conditions.



INCLUSIVE QUALITY EDUCATION FOR ALL

'OCP Foundation's scholarship program has made it possible for me to continue my higher education in France and thus plan for my future'

Testimony of a LYDEX scholarship student who has left to continue her studies at a French 'Grande Ecole'

1- SPONSORED SCHOOLS: THE EDUCATIONAL REVIVAL

For several years now, OCP Foundation has been betting on educational innovation in public schools with its initiative based on the concept of Sponsored Schools. This model, which emerged from a convergence of strategic visions between OCP Foundation and the Ministry of National Education (MEN), Vocational Training, Higher Education and Scientific Research, has resulted since 2016 in a strategic partnership for the sponsorship of public educational institutions. Deployed by OCP Foundation, in collaboration with the regional and local representations of the MEN, the program is built on an integrated educational curriculum, based on a vision that takes into account the school environment and targets the various stakeholders for an overall impact on student success. It thus supports the public education system by providing practices and material resources for quality education. The areas of intervention are presented using a holistic approach that places student success as a central goal. To this end, this pilot scheme also covers infrastructure & equipment, educational support, school life, social & community environment and governance.

Each sponsored school allows its students to develop and reveal their talents and ingenuity within the classroom setting. The program provides them with a school environment that facilitates their development and awakens their creativity. It also contributes to the development of an educational support program that takes into consideration the needs, aspirations and talents

of each student. Finally, it aims to involve the various stakeholders in the success of the model. It must be said that with the latter, OCP Foundation seeks to co-construct an approach and support tools for public schools, which will be used by the entire education ecosystem, as part of implementing the provisions of Framework Act 51.17 and the 2015-2030 strategic vision, which advocate an equitable, quality school and the promotion of the individual and society.

Since its inception, the Sponsored Schools program has been a true success story that will ultimately improve the schooling conditions of tens of thousands of Moroccan students in several provinces of the Kingdom. Indeed, until December 2019, the program was able to assist **more than 15,600 students** from **thirty-one (31) institutions** sponsored in **five (5) provinces** of the Kingdom: Benguerir, El Jadida, Khouribga, Safi and Youssoufia. In addition to these thousands of students, the program has also mobilized their families and teachers around the school's projects.



PULLING OUT ALL THE STOPS

While the Sponsored Schools program has so far involved thirty-one (31) schools, OCP Foundation aims by 2020 to support tens of thousands of students in about thirty (30) additional schools to increase the number of schools to **sixty (60) sponsored schools**. Thus, OCP Foundation is preparing to launch the sponsorship of twenty-nine (29) new institutions on OCP activity sites.



The Sponsored Schools model has given pride of place to school animation programs through clubs created within schools, driven by a desire to help anchor environmental education, reading, art and life skills. As a result, more than **150 school animation clubs** have emerged in the institutions concerned.

The school initiatives implemented as part of the sponsored schools project have favoured the introduction of a comprehensive high quality school syllabus in public schools, taking into account the educational and environmental dimension. This deployment also provided training within the thirty-one (31) institutions concerned, to **more than 200 teachers** on club animation and life skills. Since then, these teachers, trained in new teaching methods, have been implementing them with motivation and commitment for the well-being of their students.



SEEING BETTER TO LEARN BETTER

"A healthy mind in a healthy body" OCP Foundation has made this age-old saying its own by supporting projects in the field of access to healthcare. Indeed, in parallel with its many projects aimed at improving schooling conditions in target public institutions under its Sponsored Schools Program, OCP Foundation has been very much involved in the well-being of communities, especially learners. It is within this framework that it has launched multidisciplinary caravans for the benefit of students from six (6) Sponsored Schools in as many provinces (Youssoufia, Rhamna, Khouribga, El Jadida, etc.) with the mobilization of medical specialists by the Sheikh Zaid Foundation. In all, there are **more than 1,500 students** from **five (5) sponsored institutions** who have benefited from ophthalmological consultations. The campaign ran from Saturday October 5th 2019 to Saturday December 7th 2019.



Provinces (Communes)	Educational Establishment	Number of students	Campaign date
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YOUSOUFIA (Youssoufia)	Abdelaziz Benchekroun	371	Saturday October 5th 2019
RHAMNA (Benguerir)	Mansour Addahbi College	547	November 1st & 2nd 2019
KHOURIBGA (Khouribga)	Messalla	157	Saturday November 16th 2019
EL JADIDA (My Abdellah)	Lamrichatte	366	Saturday December 7th 2019
Khouribga (Khouribga)	Khadija Bint Khouaylid	152	Saturday December 21th 2019

DISCOVERING OCP'S INNOVATIVE ECOSYSTEM

Housed in the heart of the Mohammed VI Green City in Benguerir, the 1337 School and the Mohammed VI Polytechnic University (UM6P), constitute two pillars complementary to OCP Foundation's mandate, notably the development of knowledge, innovation and technology. These doors to this innovative hub have been opened to students of Ahmed Almansor Dahbi Middle and High School in Benguerir. Organized in December as part of the animation of the school life of these sponsored schools, this visit, both exciting and instructive, began with the 1337 school which trains large numbers of the best talents of their generation in computer science. The program included robotics and coding workshops with the centre's students, who were delighted to share their passion with the day's apprentice coders, always following a peer learning approach that emphasized student empowerment in the construction of their curriculum, in the acquisition of knowledge and in the transmission of this knowledge to their peers. In the end, the students of Ahmed Almansor Dahbi in Benguerir Middle and High School discovered the world of computer coding in a universe that is at once offbeat, playful and original. The one-day visit ended at the Mohammed VI Polytechnic University, which is more than a traditional academic

institution. Thus, the students enjoyed this highlight of their day. Overall, this program provided them with a window into OCP Group's innovative ecosystem while being immersed in the **New Generation world of information technology**. This activity is only the first in a series of visits that will be organized for all OCP Foundation-sponsored schools in 2020.



2- SCHOLARSHIPS TO RECOGNIZE ACADEMIC EXCELLENCE

OCP Foundation has, for several years, been awarding scholarships for excellence based on social and merit criteria as a means of encouraging academic success and promoting equal opportunities. These scholarships have since enabled deserving Moroccan students from underprivileged backgrounds to pursue higher education in renowned national and international institutions.

In 2019, more than 3,000 scholarship were awarded for the 2018-2019 academic year so that students could pursue their studies at the Lycée d'Excellence de Benguérir, UM6P, and at French and Moroccan Grandes Ecoles.

For example, between 2018 and 2019, the number of excellence scholarships increased from 2,084 to 3,167. The Foundation does not intend to stop there, as it has been working since the end of 2019 to put a specific policy in place to assist its scholarship holders by offering them an integrated scholarships offer.



3167 KEY FIGURES AS AT 31 DECEMBER 2019

Number of scholarship holders



2807

directly managed scholarships



360

scholarships managed in partnership with other partners

- LYDEX: 1114
- UM6P: 850
- French Grandes Ecoles: 719
- Moroccan Grandes Ecoles: 124

THE ANNUAL GET TOGETHER - AGT, A LINK BETWEEN THE MEMBERS OF THE SCHOLARSHIP COMMUNITY

OCP Foundation supported and participated from July 1st-5th in the first Annual Get Together (AGT), organized by the Mohammed VI Polytechnic University (UM6P) the objective of which was to facilitate creating links between the students of the Post-Graduate Excellence Scholarship programme and their Peers from UM6P. The AGT is also intended to be a platform for these two populations to share their research work.

This first meeting not only created a sense of belonging to this community but also strengthened the networks and consolidated the links between the graduating classes of scholarship students on the one hand and with the community of OCP Foundation and OCP Group on the other hand.



3- TRAINING AND SUPPORT PROGRAMMES TO FOSTER THE DEVELOPMENT OF SPECIAL AND INCLUSIVE EDUCATION

Convinced that quality education and training must be accessible to all, OCP Foundation has developed training and support programs to foster the development of specialized and inclusive education. Indeed, by supporting the actions of its partners and supporting their capacity building, the Foundation has been involved in the inclusion process of people with special needs thus helping to break the cycle of discrimination they face. As such, OCP Foundation has expanded its in-field involvement by continuing to sponsor and provide therapeutic and educational support to **266 children** with disabilities. It has also supplied **81 children and youth** with hearing aids.

Beyond children, in general, disability is a problematic social reality, particularly in terms of human development. Indeed, people with disabilities live in very difficult conditions and suffer social exclusion. Through its projects, OCP Foundation has been supporting medico-social structures for many years for people with disabilities.

Thus, the Foundation has supported **10 medico-social centres** welcoming **3,232 people** with specific needs.



SOCIAL PROTECTION INSTITUTIONS: SUPPORT FOR GREATER EFFICIENCY AND SUSTAINABLE IMPACTS



The Foundation continues to work towards better care for people with special needs by strengthening the quality and sustainability of the services offered in medical and social establishments. It is in this context that the Foundation organized on Tuesday November 12th, in partnership with Humanity & Inclusion (formerly Handicap International), a seminar on the theme of 'Challenges to the professionalization of social protection institutions in Morocco: the disability sector'. This meeting brought together professionals from social protection institutions (SPAS), institutional actors in charge of regulating the functioning of these institutions and professionals from social work training, and also provided an opportunity for debate between these different actors. The emphasis was placed, in the exchanges, on the question of the quality of services provided to users and the skills required for their full implementation. The meeting took place as part of the closure of the Jawda project. The latter, led by OCP Foundation in partnership with "Humanity & Inclusion", aimed at improving

the living conditions, autonomy and social participation of people with disabilities in Morocco. Thus, this initiative has made it possible to develop a quality reference framework for monitoring the performance of medico-social services and to include them in a continuous quality improvement process, with trained and specialized professionals with a more person-centred approach. The Jawda project is fully in line with the national strategy for the development of public policy on disability. Through this project, the Foundation wishes to encourage the improvement of the practices of professionals and to develop the good governance capacities of the institutions it supports, to give more meaning, efficiency and sustainable impact to the financial support provided to the institutions.

4- THE LYCÉE D'EXCELLENCE, A HIGHLY SUCCESSFUL MODEL

**LYCÉE
D'EXCELLENCE
DE BENGUERIR**

Supported by the Association for the Promotion of Teaching Excellence (APEE) in collaboration with OCP Foundation and the Ministry of National Education, Vocational Training, Higher Education and Scientific Research, the Lycée d'Excellence de Benguerir (LYDEX) offers a highly successful model.

Located in the heart of the Green City of Benguerir and imbued with a genuine culture of sustainable development, LYDEX is an ambitious initiative that meets the challenge of upgrading the Kingdom's education system. It benefits from an architectural design in total harmony with the environment. It offers optimal conditions of comfort to promote students' well-being and concentration: green spaces, quality equipment, provision of modern teaching tools and materials, etc. In detail, this prestigious establishment offers world-class training thanks to quality teaching and high level technical means.

As a private, non-profit institution open to all, LYDEX adopts several guiding principles in the selection of its students:

- Principle of excellence: LYDEX is a school of excellence open first and foremost to deserving students who must excel in the major disciplines of the chosen course.
- Principle of social mixing: an excellent student, whatever his/her social background, can access LYDEX;
- Principle of geographical diversity: the LYDEX student selection pool has a national dimension, which means that all regions of Morocco are geographically representative;
- Principle of the gender approach: LYDEX takes into account as far as possible a balance between boys and girls.



It thus offers merit scholarships to provide equal opportunities, particularly for young people from the most vulnerable backgrounds. It should be noted that the majority of students come from modest backgrounds. To improve the domestic education level, the Lycée d'Excellence does not skimp on means. It works to offer an innovative educational program that promotes academic success, based on the ongoing monitoring of students throughout their studies by highly qualified associate professors and promotes academic cooperation by forging partnerships with universities and schools around the world.

The school, which opened its doors in September 2015 with the CPGE cycle (Classes préparatoires aux Grandes Écoles), has been offering a secondary qualifying cycle since 2017.



GROW UP AND MAKE IT GROW!

Proud of the performance of the Lycée d'Excellence, OCP Foundation is more than ever determined to assist more deserving young Moroccans within the prestigious school. It is also continuing to develop the Lycée's infrastructure, in particular by increasing its boarding capacity and extending the kitchens and theatre equipment. As for the number of students, it has gone from **671** in 2018/2019 to **1,117** in 2019/2020, including **400** to the Preparatory Classes for the Grandes Ecoles (CPGE) and **717** to the qualifying high school.

THE GRAIL IS THROUGH LYDEX

Also in 2019, the students of the preparatory classes of the Lycée d'excellence de Benguerir distinguished themselves in the written exams of the French engineering Grandes Ecoles. They set a record for admissions. **11** pupils admitted to Ecole Polytechnique de Paris (X) and **17** students in the National Schools of Higher Education.

Overall, these are **131 students** (admission of **100%** students from the Preparatory Classes to the Grandes Ecoles (CPGE) of the 2018-2019 class) who have been admitted to a Grande École in Morocco or France, including **47** in the Kingdom and **84** in France.



MORE SOCIO-PROFESSIONAL INTEGRATION OF WOMEN

The Foundation has signed a partnership with the National Union of Moroccan Women (UNFM), which has enabled the launch of three new-generation training centres for young people and women. This project aims to develop programs and activities related to training, as well as the creation of new and innovative pedagogical channels and programs in line with the needs of the labour market in order to motivate women, girls and young people in vulnerable situations aged between 15 and 30 years old. These centres are based on different approaches and forms of commitment, which are manifested in their openness to all young people in vulnerable situations, including foreigners residing in Morocco, and in the development of appropriate programmes that take into account labour market needs and employment opportunities, in addition to regional specificities. The training program is based on three categories: the tripartite unit (training, production and marketing), which is aimed at all groups of young people, including those with no school qualifications, and whose duration of training varies from six months to three years depending on the student's learning abilities.



FROM SOCIAL INNOVATION TO THE EMERGENCE OF A NATIONAL R&D ECOSYSTEM

"The R&D Fund is a very good initiative that has enabled several researchers to develop their research programs and contribute to the development of the agricultural sector. It has also opened up many new horizons for collaboration both nationally and internationally."

Mr Redouane CHOUKR-ALLAH, Hassan II
Agronomic and Veterinary Institute - Rabat

1-SUPPORTING THE EMERGENCE OF SOCIAL INNOVATION IN MOROCCO

NEW VOICES FOR CHANGE

A social innovation is defined by its innovative nature and by the objective of promoting the well-being of individuals and communities. It then becomes a source of social transformation and innovative solutions to meet the needs of communities. And it is this spirit that animated OCP Foundation and the Mohammed VI Polytechnic University (UM6P) to launch on November 26th, 2019 during a one-day workshop, the Social Innovation Lab "SIL", in order to convey, disseminate and promote social innovation at the national and African levels and with a view to solving, together, complex social problems.

Domiciled at UM6P, and open to OCP ecosystem, the SIL inspires and trains social innovators and produces and disseminates knowledge that strengthens the capacity of future leaders to achieve social change. It is also seen as an "innovation booster", or even an opportunity to create, in its local, regional and national environment, communities networking on complex issues, while developing skills and strengthening the capacities of social actors in the field of social innovation, human development and social and solidarity economy. All this involves collecting, analysing and producing qualitative and quantitative data on social problems and human development models and approaches, conducting

action research to find innovative solutions to social development problems expressed by the ecosystem, and deploying pilot integrated social projects in the field by designing, implementing, modelling and capitalizing on innovative territorial solutions.

Overall, support for social innovation as sponsored by the "SIL" is seen as a lever for sustainable and inclusive growth and the opportunities offered by the digital transformation to achieve these goals.



2-R&D FUNDS AROUND PHOSPHATES



INJECTING A NEW DYNAMIC INTO NATIONAL R&D

Within the framework of the promotion of the research and innovation ecosystem in Morocco and Africa, OCP Foundation supports world-class structures such as the Mohammed VI Polytechnic University the Mascir Foundation, active in the fields of biotechnology, microelectronics and materials and nanomaterials, and the Research and Development Fund around phosphates. The latter, set up in September 2013 during the first National Phosphate R&D Conference, in collaboration with the Ministry of National Education, Vocational Training, Higher Education and Scientific Research and the National Center for Scientific Research, develops daily synergies with various institutions, in particular with UM6P, which plays an important role in the process of scientific and technical validation of projects, with the support of OCP Foundation.



Until 2019, the R&D Fund supported **39 projects** multidisciplinary research on **10 themes** (Materials, Acids, Treatments, Geology & Hydrogeology, Extraction, Fertilizers, Fertilizers, Agriculture, Biotechnology & Chemistry, Human and Social Sciences). On the **39 projects, 19 augur positive results** in the fields of design and synthesis of new biomaterials, identification of purification and purification products, improvement of the physical quality of phosphate products, analysis, modelling and development of new processes. All of which involves and mobilizes teams composed of **413 members** including **224 researchers** national and **74 international, 70 PhD students, 31 postdoctoral fellows** and **14 technicians and interns**. The Fund also supported the creation of **4 patents** in the process of being filed, the production of **319 communications** and **163 articles** published in leading national and international scientific journals. By the end of 2019, **77% of the budget** mobilized has been translated into concrete actions.

In short, the Phosphate Research and Development Fund has become a catalyst for an entire ecosystem. The stated ambition is to breathe new life into national R&D, using the phosphate field as a driving force.



3-UNIVERSITY MOHAMMED VI POLYTECHNIC

AN AFRICAN REFERENCE ACTIVELY INVOLVED IN SCIENTIFIC RESEARCH

Oriented towards applied research and innovation and focused on Africa, the Mohammed VI Polytechnic University (UM6P), aims to be among the world's leading universities in these fields. In Africa, Morocco welcomes today, a large number of African students who go abroad to train in a multicultural and international context conducive to their future success. Thus, in 2017, at the instigation of His Majesty King Mohammed VI, UM6P was founded to contribute to this pan-African adventure whose primary vision is to offer a place of emulation, administered by Africans for Africans, concerned about the future of their continent. Located in the commune of Benguerir and housed in the heart of the Mohammed VI Green City, UM6P aims to expand nationally, continentally and internationally. More than a classic academic institution, it is a platform for experimentation, a breeding ground for opportunities, which students like to call, quite rightly, "The school of life". The University is open to the world and forges world-class partnerships. By establishing itself as a hub for research, high-level training and innovation, this university campus intends to become a real bridgehead between Morocco, Africa and the world. As a small representation of the outside world, with its challenges, prospects and promises, the University thus wants to be the revealing of the potential of Moroccan youth and students from all over Africa. As a knowledge hub dedicated to Research, High-Level Education and Innovation to assist the continent's evolution, it is also committed to an innovative pedagogical approach that places learning through experimentation and practice at the heart of training and research. In this way, it passes on its expertise to students, researchers and industrial players to promote the emergence of an economy that is efficient, sustainable and favourable to populations and territories. Through its centres of expertise and partnerships, UM6P is positioned as a key contributor to the business world, training qualified leaders who are concerned about environmental issues.



©

At the end of 2019, **1400 students** follow advanced training in its twelve schools, including School of Hospitality Business & Management (SHBM), School of Collective Intelligence (SCI), Mahir Center - Human Development, School of Industrial Management (EMINES), Faculty of Governance Economic and Social Sciences (FGSES), Africa Business School (ABS), School of Architecture, Planning & Design (SAP+D), Institute of Science, Technology & Innovation (IST&I), School of Agricultural, Fertilizer and Environmental Sciences (ESAFE), Green Tech Institute, School of Computer & Communication Sciences, 1337. In partnership with renowned Moroccan and foreign institutions, UM6P is developing other schools.

Two events marked the beginning of the 2019/2020 academic year. Starting with the official opening of two new establishments: the School of Architecture, Planning & Design, whose mission is to meet the challenges of sustainable and environmentally friendly architecture, and the Institute of Science, Technology and Innovation (IST&I), a stimulator of scientific and technological development offering an interdisciplinary ecosystem of scientific research, entrepreneurship and innovation.

Other highlights in 2019 included the PCL's Experts Community Workshop in May, which brought together a community of experts from different backgrounds, including agrobioscience, economic and social sciences and agronomy, around issues facing smallholder farmers.

The month of June was marked by the launch of the IMPULSE programme, by the Mohammed VI Polytechnic



University in partnership with the American MassChallenge accelerator, and the support of OCP and OCP Africa, to boost Moroccan and international startups in the fields of agritech, biotechnologies, nanotechnologies and mining technologies. Two months later, UM6P launched the African Tour, from 6 August to 17 September 2019, during which startups and representatives of the entrepreneurship and innovation ecosystems of Côte d'Ivoire, Ghana, Nigeria and Ethiopia attended the various information sessions.

At the end of the summer, on 31 August, UM6P's P-Curiosity Lab programme took part in the 1st edition of the Symposium on Innovation under the theme "Innovation at the service of health" organised by the Mohammed VI University of Health Sciences. Then, the same programme participated in the 5th edition of the Forum for African Women in Innovation and Entrepreneurship held in late October 2019 in Cape Town, South Africa, to highlight its programs dedicated to small farmers. This year was also marked by the setting up and operation of soil analysis laboratories, notably in Senegal, Côte d'Ivoire, Ghana and Guinea Conakry, within the framework of technology transfer and South-South cooperation. Further training in the field of research has also been achieved through cooperation agreements or the organisation of international scientific symposia, workshops and conferences between different departments of UM6P and local and foreign universities and schools.

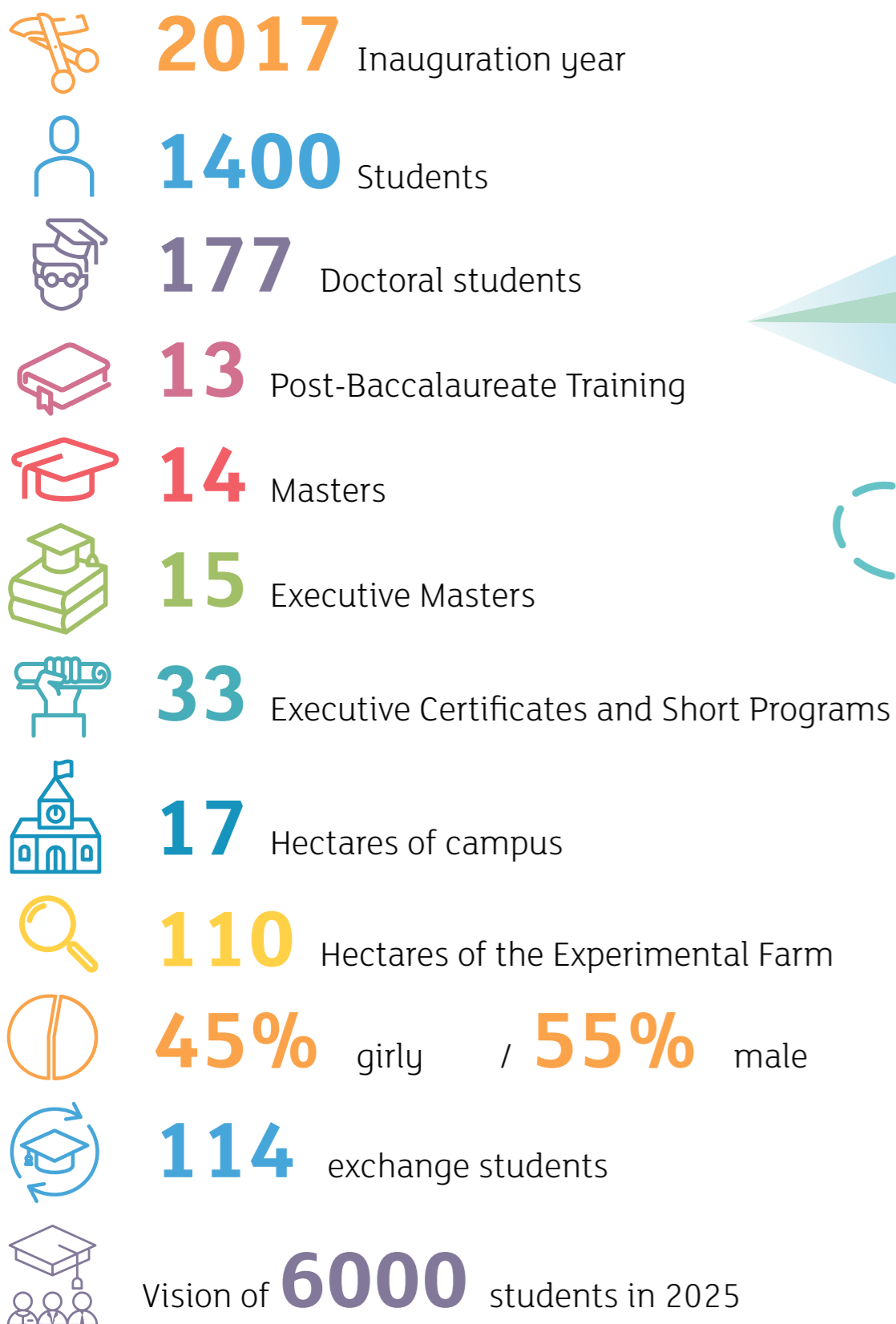


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KEY FIGURES



4- "IMAGINING AFRICA'S FUTURE", A THREE-FOLD PARTNERSHIP

THE "LITERACY OF THE FUTURE" TO BETTER CONCEIVE THE FUTURE OF THE CONTINENT

In October 2017, OCP Foundation and the United Nations Educational, Scientific and Cultural Organization (UNESCO) signed at the organization's headquarters in Paris, a 3-year partnership agreement around the project "Imagining Africa's Future" (IAF). This innovative project developed in the field of foresight and "Litterism of the Future" (LF) as called by UNESCO, aims to equip African youth to better think and build their future. To achieve this common ambition, two centres will be created. The first one at the Mohammed VI Polytechnic University, in collaboration with the Faculty of Governance Social and Economic Sciences (FGSES) to conduct cutting-edge research and develop innovative action-oriented research instruments by leveraging the release of energies and collective intelligence. And the second center, implementing concepts developed in various fields such as sustainable agriculture and climate change. These centers are developing research and training programmes in foresight, and will serve as reference centres for PML practitioners in Africa and beyond. The objective of the IAF project is to coordinate a reflection on the future of Africa and to strengthen the continent's foresight capacity. This project aims to significantly improve the ability to design and use the future. By acquiring PMQ skills, actors begin to understand how they refer to different forms of the future in their perceptions of the present, which correspond to different forms of anticipation. They also acquire the ability to "use these futures" to deploy tools and methodologies to address specific challenges. The creation of knowledge through collective intelligence is a very powerful instrument in PMQs, especially in the framework of the "Literacy Laboratories of the Future". These are learning-by-doing workshops in which participants have the opportunity to test a wide range of hypotheses and invent new solutions.

The year 2019 was punctuated by a series of actions, as part of the deployment of the partnership. First of all, the definition of a general framework of cooperation between the Moroccan center, led by the Faculty of Governance Economic and Social Sciences of UM6P and UNESCO, for the implementation of activities in literacy of the future and the setting up of a capacity-building programme in foresight. Subsequently, a major conceptualization of the academic program in foresight took place, in close collaboration between OCP Foundation, UM6P and UNESCO. The results of this work have defined the skeleton of a pioneering and ambitious academic program for Morocco and Africa, including :

The launch of a doctoral program, to be developed in collaboration with the Conservatoire National des Arts et Métiers (CNAM France), which aims to select and train doctoral students in various fields of

prospective, with a goal of gender parity and parity between Moroccan and sub-Saharan students. The programme will start in 2020 in the form of a co guardianship between the CNAM and UM6P. An in-service training component, enabling the training and support of teachers wishing to use the tools offered by foresight in their teaching and research;

The creation of an African foresight corpus, so as to capitalize on the various forms of future-oriented thinking in Africa, through the mobilization of the international foresight community, particularly the African one; the maintenance, development and appropriation of local resources for future-oriented thinking and the capitalization of foresight resources, through both a clearly identified physical location and a virtual location offering teaching materials.

Finally, two awareness-raising events on thinking about the future took place in Morocco in 2019:

- A conference on foresight for 103 students of UM6P, led by Prof. M. K. K. Philippe Durance (holder of the Prospective and Sustainable Development Chair at the CNAM - France) in 2019 ;
- A future literacy laboratory led by Loes Damhof (expert trainer in future literacy at the University of Hanze - The Netherlands), in December 2019 at UM6P to raise awareness and train the first facilitators"

It should also be noted that UM6P participated in the conference organized in Trento by UNESCO and the University of Trento, which brought together all the UNESCO Chairs in this field.



5- THE MASCIR FOUNDATION

RESEARCH EXCELLENCE REWARDED

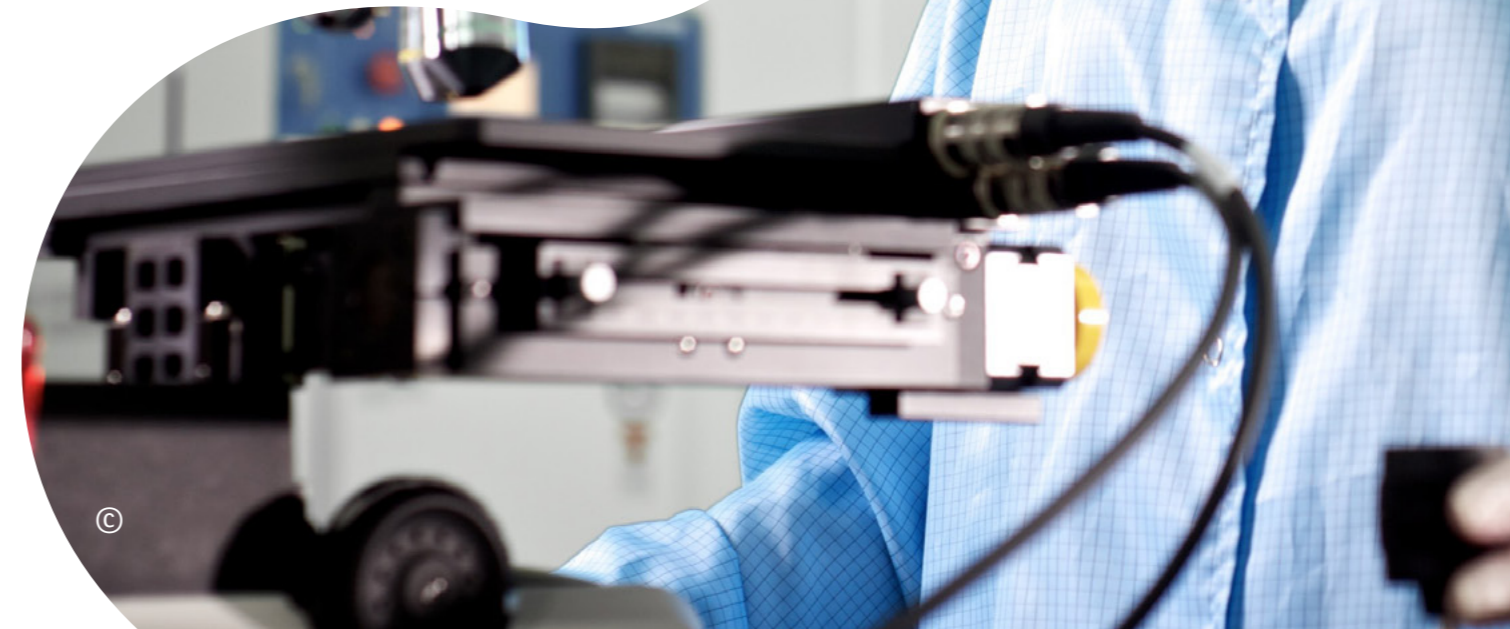
Since its inception, the MAScIR Foundation (Morrocan Foundation for Advances Science, Innovation & Research) has received financial support from OCP Group with a view to its empowerment. The mission of this non-profit institution, created in 2007, is to promote scientific research and technological development in the three areas of materials and nanomaterials, biotechnology and microelectronics. MAScIR relies on high level technical skills, **150 researchers** and engineers. It has high-level facilities and state-of-the-art equipment, funded by OCP Foundation, to conduct applied research projects aimed at addressing industrial issues by offering innovative solutions with technology transfer to its customers.



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To date, MAScIR has filed **180 patents** released over **650 publications** and distinguished herself in 2019 by winning several awards. Indeed, on 20 April, its team "Digitalization & Microelectronics Smart Devices" was awarded the Hassan II Grand Prix (3rd Prize in the class of technical and practical inventions) at the SIAM for its project of a portable non-destructive device for controlling the organoleptic quality criteria of fruit. Nine days later, the MAScIR Foundation was awarded the R&D Prize at the Industry Meeting Awards 2019 in Casablanca. Outside of Morocco, she also won a gold medal in the Agritech category at the **71st edition** of the iENA innovation competition held in Nuremberg, Germany, and a gold medal awarded by the Union of Croatian Innovators for its olive oil analyser. She will be consecrated again on December 12 in Casablanca, by receiving the **2nd prize** of the national innovation competition organised by R&D MOROCCO. This prize was awarded to MAScIR's SERM department for its project "Additive for the ELECTRA Pb-acid starter battery" carried out in collaboration with the company Afrique Câbles.



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SUPPORT AND CO-BUILD INTERNATIONAL PROGRESS

"We are delighted with this partnership with OCP Foundation and the Mohamed VI Polytechnic University. This has enabled us to set up a soil characterization platform and to analyze and map nearly 1.2 million hectares of soil"

Testimony of a representative of the Togolese Institute of Agronomic Research

1-HAND IN HAND WITH AFRICAN AGRICULTURE

AFRICA AND OCP FOUNDATION, THE CONVICTION IN COMMON AFRICAN ACTION

The African continent has great potential for agricultural development. Abundant agricultural land, water, diverse resources... all factors that contribute to the development of a prosperous agriculture. Aware of the importance of scientific research in agriculture, OCP Foundation has placed innovation and R&D as vectors of competitiveness for an efficient agriculture and a source of new agricultural wealth creation for Africa. To this end, through a participatory approach alongside the African agricultural ecosystem and in partnership with the Ministries of Agriculture of the host countries, it has launched on the continent a multitude of initiatives for soil knowledge for resilient agriculture through soil fertility mapping.

The model proposed by OCP Foundation is based on the development of the skills and means of its local partners so that they can carry out their own fertility maps and draw the appropriate conclusions for their national agricultural policies.

The Foundation's actions, during the year 2019, across five countries of the continent, have made it possible to characterize a total area of more than one and a half million hectares of land. To date, on the **1 506 900 hectares** analyzed and mapped, **1,117 ,000 ha** have concerned **Togo**, **132,000 ha Madagascar**, **147 900 ha the Burkina Faso**, **100 ,000 ha the Guinea** and **10,000 ha the Rwanda**.

At the same time, a total area of **2 140 000 hectares** is currently being characterized, particularly in the **Rwanda (40 000 ha)**, at the **Ghana (2 000 000 ha)** and the **Cameroon (100 000 ha)**

In addition, the Foundation has made available to the Ministries of Agriculture of the **Ghana** and the **Cameroon, 5 laboratories** (of which **2 mobiles**) equipped, on the one hand, to analyse soil samples to be taken as part of the project to develop the soil fertility map of these two countries, and on the other hand, to carry out fertiliser quality control tests.

The development of fertility maps includes an important training component.

In total, more than **100 executives** and technicians of the **Rwanda, Madagascar, Cameroon, Togo** and **Burkina Faso** have been trained by experts from the Mohammed VI Polytechnic University (UM6P). The modules dealt with focus on plant nutrition and crop fertilization, Geographic Information Systems (GIS) applied to soil mapping and fertilizer quality control. Today, thanks to its various actions on the African continent, the Foundation promotes the creation of strategic decision-making tools in terms of agricultural policies.

Continuing its actions across the continent, OCP Foundation also participated in Accra, Ghana in September 2019 at the African Green Revolution Forum (AGRF) summit. This event was an opportunity for the Foundation to share its expertise and achievements in the continent in general and in Ghana in particular. As a reminder, the AGRF is an event dedicated to showcasing good examples of agricultural transformation, sharing good practices and promoting the programs and investments needed to drive change in food supply chains across the continent.

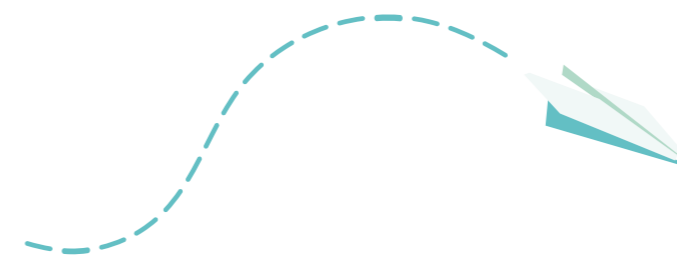


CLOSER TO AFRICAN FARMERS

Launched by the Foundation in 2014, the Africa Agricultural Caravan will continue to criss-cross the continent in 2019, adopting a participatory approach to promote the creation of strategic decision-making tools in terms of agricultural policies. Also, in collaboration with the Ministries of Agriculture of the partner countries, the Foundation supported the production of fertility maps in partnership with other African partners. At **Rwanda**, the Rwanda Agriculture Board, in partnership with OCP Foundation, launched its agricultural caravan in the country in April 2019. This one has criss-crossed the main Rwandan regions of Rubavu and Nyabihu. The caravan made it possible to complete the soil fertility map for a pilot area of the country. On the **50.000 hectares** of soils to be mapped, **10 000** were in 2019 and the rest are currently being characterized. At the same time, **30 agronomists** from **Rwanda** Agriculture Board received technical training in soil fertility & crop fertilization and 4 laboratory technicians attended, in **Morocco**, a one-month practical training course in fertilizer quality control at the Jorf Lasfar Industrial Complex. Subsequently, two soil analysis laboratories (the Rwanda Agriculture Board laboratory and a mobile laboratory) with the required equipment were also deployed.

In Togo, a soil characterization platform has been used to analyze and map nearly **1.2 million hectares** of Togolese soil. This computer platform was designed by the Togolese Institute for Agricultural Research (ITRA), with the support of OCP Foundation and the Mohamed VI Polytechnic University (UM6P). It is moreover within the framework of the elaboration of the country's fertility maps, initiated by the Ministry, that OCP Foundation made available to ITRA the necessary equipment for its soil analysis laboratory based in Lomé, as well as a mobile laboratory and its rapid sampling device to cover the least accessible areas for soil sampling. The actions carried out by OCP Foundation in **Togo** also focused on building the scientific and technical capacity of the Ministry's managers. In total, these are **47 Togolese executives** who were trained by experts from UM6P. In neighboring Ghana, the Ministry of Food and Agriculture (MoFA) launched the Soil Fertility Mapping Project in December 2019 with the support of OCP

Foundation. Through this project, which aims at providing Ghanaian farmers with tools for analyzing their soils, OCP Foundation participates in improving yields for local crops and in strengthening the scientific and technical capacities of the beneficiaries. As a result, more than **100.000 hectares** of soils will be analysed and mapped in the pilot area, in Ashanti, thanks to the device deployed by the two partners. Also, still within the framework of this project, OCP Foundation will provide the MoFA with the necessary equipment for its two laboratories specialized in soil and fertilizer analysis. OCP Foundation will also provide the MoFA with a mobile soil analysis unit and adapted rolling stock (pick-ups and motorcycles) to cover the least accessible areas for soil sampling. In addition, more than **130 agronomists** The training will be carried out by experts from the Mohammed VI Polytechnic University (UM6P).



Within the framework of the Soil Fertility Map development project undertaken by the Cameroonian Ministry of Agriculture and Rural Development (MINADER) and OCP Foundation, about ten MINADER executives in various fields related to soil fertility and crop fertilization attended, from January 7 to February 1, 2019, in Jorf Lasfar, a one-month training cycle on "Fertilizer Quality Control". The objective of this training cycle was to build the capacities of the Cameroonian Ministry of Agriculture and Rural Development's executives on soil fertility and crop fertilization and training in soil fertility mapping.



INTEGRATED DEVELOPMENT PROJECTS, A PRIORITY CHOICE

OCP Foundation favours integrated and public interest initiatives that contribute to inclusive socio-economic progress, skills development and the dissemination of knowledge. To do so, it mobilizes its expertise and its network of partners to co-construct with various stakeholders sustainable and durable solutions that meet the priority needs of communities. Thus, the Foundation's integrated agricultural development projects are deployed in certain countries for one or more agricultural sectors to improve the living conditions of farm households. Universities, like UM6P, research institutions in Morocco and in partner countries play an important role in improving yields and thus increasing farmers' incomes.





HELPING THE FARMERS OF TEFF IN ETHIOPIA

The Foundation continued its support to farmers in the TEF sector in the Amhara and Oromia regions of Ethiopia. Through this agricultural development programme carried out by the Agricultural Transformation Agency (ATA), since 2016 it has been supporting these farmers in the rational management of their farms, enabling them to improve their yields and consequently their income throughout the value chain. Thus, during 2019, **16 248 farmers** have been trained in good agricultural practices. In addition, the Foundation has led a sustained effort towards agricultural mechanization. So, **4700 seed drills** developed for the cultivation of Tef were distributed to farmers.

The impact of the project to date has been notable: a net improvement of 65% in Tef yields. The operation concerned two regions of Ethiopia, namely Amhara and Oromia. In terms of capacity building, the Foundation has set up in these regions 1848 demonstration plots and clusters at research stations and training centres as well as 3 technology packages. It also organized 32 training sessions on IVS systems. A total of 16,248 people benefited from training and IVS actions. Beyond that, the project has led to the creation of international export opportunities. As a result, 22 TEFF export opportunities were identified.

OCP FOUNDATION ALONGSIDE SENEGALESE WOMEN RESEARCHERS AND DOCTORAL STUDENTS

OCP Foundation, UM6P and Mujeres Por Africa Foundation have strengthened their tripartite partnership for the development of the agricultural sector in Africa. This initiative has enabled OCP Foundation to extend its promotion of gender diversity in Africa, more specifically in Senegal, where it is committed to improving agricultural research. "Mujeres por Africa" and UM6P by signing on Tuesday May 28th 2019 an agreement to implement several integrated agricultural development projects aimed at reducing inequalities and supporting the empowerment of African women. Entitled " F.U.E.R.T.E.S " : Femmes Unies Ensemble pour la Recherche, la Technologie, l'environnement et la Science, this project aims to improve agricultural research in Senegal through the training of Senegalese women researchers and doctoral students specializing in sustainable agriculture.



In concrete terms, the project will last 30 months during which some twenty Senegalese researchers and doctoral students specializing in agriculture from the University of Sine Saloum El Hadj Ibrahima Niass (USSEIN) will benefit from training at the Mohammed VI Polytechnic University (UM6P) provided by renowned national and international experts in various fields. By strengthening their technical and scientific capacities, Senegalese researchers and doctoral students will consolidate their leadership.

Already linked by a partnership concluded in 2014, which has made it possible to carry out, among other things, a project to improve the living conditions of **500 WOMEN** of two agricultural cooperatives in The Gambia, the 3 partners intend, through this partnership, to promote the empowerment of African women scientists through education and research and to build a strategic network of women researchers. The ultimate goal is to promote the transfer of agricultural knowledge and know-how from the continent.



OCP FOUNDATION AND THE PRESIDENTS OF ENGLISH-SPEAKING AFRICAN ASSOCIATIONS ON THE SAME WAVELENGTH

OCP Foundation continues to work to promote social diversity while adopting a gender approach. It received on January 31st 2019 at its headquarters in Casablanca a delegation of 12 presidents of English-speaking African associations. They came from Botswana, Gambia, Liberia, Malawi, Sierra Leone, Zambia, Southern Sudan and other countries. The main objective of this meeting was to exchange on the experiences carried out by African associations in the field of the promotion of women's rights, women's economic empowerment, and experiences that need to be shared and discussed in order to improve the status of women on the African continent. A session of exchanges and Questions/ Answers between the delegation and the organizers made it possible to share the different experiences of each entity. The presidents of English-speaking African associations expressed their willingness to collaborate in the future with OCP Foundation within the framework of similar or other meetings.



2- A COMMITMENT TO AGRICULTURAL TRANSFORMATION BEYOND THE CONTINENT

INDIA: 10 YEARS OF OCP FOUNDATION'S ACTION, A TEXTBOOK EXAMPLE

Since 2010, OCP Foundation has been supporting small farmers in **9 States**, in India, in the implementation of integrated agricultural projects.

Through a partnership with local actors, the projects launched by OCP Foundation have boosted the yields of small farmers and have also virtuously improved their living conditions by providing them with several answers to social, medical and women empowerment problems.

BETTER LIVING CONDITIONS AS TIME GOES BY

The first of the high social impact projects initiated by the Foundation in this Asian country is the rural development project in the State of Karnataka, focusing on the implementation of an agricultural extension programme, providing direct support to 7,000 small farmers in the districts of Gulbarga, Bidar and Raichur, in collaboration with INRA (Institut National de la Recherche Agronomique) in Morocco and ISAP (Indian Society of Agribusiness Professionals) in India. Launched in 2010, first for four years and then extended for a further three years, i.e. 7 years, this project, called "Agricultural Extension Services" (AES), has substantially improved the yields and incomes of the small farmers benefiting from the project.



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Encouraged and motivated by these convincing results, the presidents of the Farmer Producer Organisation (FPO) ensured that the work carried out by OCP Foundation continued after the official closing of its AES project. For this purpose, they have formed the Karnataka Farmers Maha Society (KFMS) which aims to bring together farmers and enable them to take over the Foundation. Thus, in accordance with the Price Stabilisation Fund, this group has succeeded in providing **288,748 quintals** from Red Gram to the National Agricultural Cooperative Marketing Federation of India Ltd (NAFED) as an approved purchasing agency, at an average cost price of Rs 5050 per quintal. The KFMS then procured the Red Gram from several districts such as Aland, Afzalpur, Ankalgah, Raichur, Bidar, and Al. All in all, **11.500 farmers** have benefited from this initiative. In addition, the Karnataka State Government has granted the beneficiary farmers a premium of **450 rupees** per quintal. This is not the end of the story, since in addition to these measures, KFMS has also set up service centres for the customised rental of agricultural machinery, thus giving small farmers the opportunity to purchase agricultural machinery, which they could not do before, despite subsidised rates. In addition, farmers who wish to do so, have the possibility to borrow agricultural machinery such as combines, tractors, tillers, etc. for a symbolic amount, which contributes to the timely completion of agricultural operations.

The medical aspect is not to be outdone. KFMS has facilitated access to emergency medical services for farmers in rural areas. Using ambulances, emergency medical care is provided to people who have suffered a sudden or serious injury or illness. Access to emergencies is essential for people living in rural areas where access to first aid is generally difficult.

Today, on balance, the results of the impact assessment of the Karnataka extension project show that the average annual income of the farmers benefiting from the project has more than tripled from less than **1000 USD** in 2009 to more than **3500 USD** in 2018 and the development of partnerships with the country's university sector.



PULLING UP FARMERS' INCOMES

In India, if the year 2014 was marked on the one hand by the launch, by OCP Foundation of the extension of its Karnataka project over a period of three more years, integrating a social component for human development; on the other hand, an integrated agricultural development project was also launched in the State of Rajasthan. Coinciding with a period when the country has embarked on ambitious reforms to the benefit of farmers, this new initiative of OCP Foundation has boosted forecasts for growth in farmers' incomes and improved their living conditions. Indeed, just a few months after the launch of this project, Indian Prime Minister Shri Narendra Modi set a target of doubling farmers' incomes by 2022-2023. Through its vision, it aims to promote the well-being of farmers and to ensure parity of income between farmers and those working in the non-agricultural sectors.

An objective that could only be achieved with **AN ANNUAL GROWTH OF 10.4%** of farmers' income by 2022. To achieve this, the Government of India plans to focus on irrigation, quality seeds, soil analysis and value addition. This approach confirms the relevance of the project undertaken by OCP Foundation in Rajasthan, in partnership with ISAP "Indian Society of Agribusiness Professionals", as it is in line with the vision of the Prime Minister of the "new India".

The OCPF-IFS "Integrated Farming System" in Rajasthan promotes a balanced approach to strengthening the agricultural value chain and improving farmers' livelihoods. The project has been implemented in three districts in south-eastern Rajasthan, namely Sawai

Madhopur, Bundi and Baran, covering **6 BLOCKS** of development. It aims to increase the productivity of field and market gardening crops and to maximize the resource base of the area in order to improve overall production, incomes and diversification of agricultural practices in the project area.

More than **9.600 FARMERS** directly benefit from and contribute to the project. The expected improvement was achieved through the implementation of improved crop production technologies, Integrated Farming System (IFS) and resource conservation, namely water harvesting and recycling of natural and agricultural resources, production of organic matter at the farm level in the form of vermicompost and the use of bio-pesticides. At the same time, an innovative approach has been adopted to form and promote farmers' professional organisations and their connection to stakeholders in the agricultural value chain upstream (inputs, banks etc.) and downstream (market). This project has improved farmers' incomes by more than 95%, increasing from \$1350 to \$2,645 per year.



SUPPORTING AND PROMOTING THE EMPOWERMENT OF WOMEN IN AGRICULTURE

Thus, many women were brought together through professional organizations, in the framework of the IFS project launched with ISAP in Rajasthan, which also highlighted the role of women in agricultural production. Indeed, this integrated agricultural development project of OCP Foundation in Rajasthan also aims at the empowerment of rural women, which in turn has an impact on their condition and farm management in general. In this way, it supports rural women in Rajasthan as pillars in achieving the profound economic, environmental and social changes, necessary for sustainable development and agricultural transformation. Being widely present in the agricultural world, their empowerment is essential both for the development of Indian society and for economic productivity. Through the IFS project, women have formed self-help groups (SHGs : Self Help Groups) which subsequently merged to form the Shree Dev Mahila Kisan Producer Company Limited in 2017 with the main objective of expanding the livelihood of the group's members. To do so, the beneficiaries had to take a leading role in the Farmer Producer Organisation (FPO), an entity that is ultimately composed entirely of women. Still, this great professional organization has since then enabled rural women in Rajasthan to share their diverse experiences and collectively find solutions to their daily problems.

Better yet, over the years, beneficiaries have organized themselves into self-help groups before some became members of the OPS Board of Directors. They were even

granted the right to occupy certain decision-making areas in the public and private domains, thus putting an end to their non-involvement in public, family and, even beyond, Community debate.

By promoting women's rights, this integrated agricultural development project, initiated by OCP Foundation, in partnership with ISAP, has also helped reduce inequalities between women and men in rural Rajasthan.



FROM AGRICULTURE 2.0

One of the innovations launched by OCP Foundation - Integrated Farming System project is "Krishi Gyan" the Android mobile application designed by and for extension agents.

This decision-support system provides the opportunity for extension agents and farmers to diagnose diseases and pests in the field. The application, which allows control measurements to be taken, also has information on proven cultivation techniques in the form of animated videos. In addition to local meteorological information, it allows extension agents/farmers to also consult experts from a call centre set up within the framework of OCP Foundation's "Kisan Call Center (KCC)" project. This application is available on Google Playstore and currently has more than **40.000 downloads**.



RAJASTHAN CONFERENCE FOCUS: OCP FOUNDATION'S PROJECT, A MODEL FOR AGRICULTURAL DEVELOPMENT

OCP Foundation and its Indian partner ISAP (Indian Society of Agribusiness Professionals) organized on April 10 and 11, 2019 a national conference in Jaipur in the state of Rajasthan in India. Under the theme "Improving Farmers' Incomes through the Integrated Farming System Approach (IFS)", this event takes place in a context where the Foundation continues to support a pilot project focusing on the Integrated Farming System Approach in Rajasthan and Karnataka for several years with its implementing partner ISAP. The event was attended by officials from the Ministry of Agriculture of Rajasthan, members of the state government, scientists, agricultural universities, civil society organizations, its businesses and farmers.



For two days, these participants discussed the main theme and also took stock of the socio-economic impact of the Foundation's project.

Inaugurated in 2014, OCP Foundation's agricultural development project in the state of Rajasthan involves thousands of farmers. This continued support, particularly for the development of family farming in Rajasthan, has mainly benefited small-scale farmers. Indeed, convincing results have led to substantial increases in yields and a significant improvement in the incomes of these small farmers affected by the project.

Indeed, faced with low agricultural yields, many farmers were drowning under the debts that were piling up!



For the farmers, joining OCP Foundation's project enabled them to break the vicious circle of misery. The use of information technology has been beneficial because of India's high mobile coverage rate, even in remote rural areas. A call centre set up by OCP Foundation has made it possible to answer questions from small farmers. Technical data sheets made available to technicians, in the local language, make it possible today to meet the specific needs of farmers.

This project of the Foundation has quite simply transformed the rural life of thousands of farmers, especially women, many of whom have been brought together to form professional organizations. Kavita Devi, a school teacher and OPS President, proudly shares their story: "You know, before the formation of the OPS and even the SHGs: Self Help Groups, we've never been out of the house. With the project, we started attending meetings, speaking out and sharing our opinions. All this made us feel, for the first time, that we had voices. The presence of other women means that we could openly share our problems and collectively try to find solutions. Gradually we formed our own SHGs and later many of us became members of the OPS Board of Directors. Over time, we have also discovered opportunities for ourselves.

BANGLADESH: IMPROVEMENT OF AGRICULTURAL YIELDS

The OCP Foundation continues to expand its action in Bangladesh in partnership with IFDC and ICARDA and the Ministry of Agriculture. After launching its first agricultural development project in 2017 in the country, and then accompanying farmers in 2018 for better sustainable management of soil fertility and improved crop productivity, it strengthened the capacities of farmers and small fertilizer suppliers during 2019. Throughout the year, the latter were supported by training courses for the benefit of **1616 beneficiaries**. Besides.., **6 systems** culture have been deployed. **67 plots** demonstration programs have also been set up, which have enabled **83 days** training. As a result, yields improved by **8% à 30%** depending on the culture. (Potato, Rice, Wheat, Lentil, Corn), and improvement varies from **14% à 30%** according to the crops (Potato, Rice, Wheat, Lentil, Corn).



KEY FIGURES



50 000 beneficiaries



Installation of more than **20 000 demonstration plots**



Organization moreover **3000 training and schools** in the field



Improving the productivity of farmers over **70%**



Implementation of **12 centres** agribusiness and human development specialized in seed production, beekeeping, horticulture and goat breeding and others



Obtaining **innovative practice award** (NGO category) of the UN Global Compact Network for OCP-AES Foundation Karnataka project



Obtaining **3 awards** as part of the competitions held in India for the promotion of digital agriculture through the development of an agricultural extension application

THE EMERGENCE OF SOCIAL AND SOLIDARITY ENTREPRENEURSHIP, A PRIORITY

"Our participation in the Social and Solidarity Economy Fair in Dakar enabled us first of all to exchange with African cooperatives about our experiences and mutual good practices, but also to discover great opportunities to access new markets and thus develop our activity"

Testimony of a representative of a Moroccan cooperative

1- OCP FOUNDATION SUPPORTS COOPERATIVES THROUGH SEVERAL LEVERS

OCP FOUNDATION BOOSTS CO-OPERATIVES

Aware of the need to promote a different and socially responsible entrepreneurship, OCP Foundation has, since its creation, reserved a special place for the fields of Social Entrepreneurship and Social and Solidarity Economy (SSE). Through various programs and projects, OCP Foundation has constantly worked to support the actors of the SSE world by deploying programs of accompaniment, training, capacity building, support to the certification of SSE cooperatives and associations, in order to enable the sector to increase its competence and to move towards a better professionalization. To do this, the Foundation naturally relied on its institutional partners, through the Ministry in charge of SSE, but also partners from civil society.

OCP Foundation also supports major national events related to the theme, in particular the National Fair of Social and Solidarity Economy which it has supported every year since 2014. Within this framework, more than **730 cooperatives** and associations have been formed and supported by OCP Foundation. Every year at the National Fair of Social and Solidarity Economy it also awards prizes for innovation, excellence and social impact.



30 MOROCCAN COOPERATIVES PROPELLED TO THE FOREFRONT OF THE AFRICAN SCENE

OCP Foundation participated, in partnership with the Moroccan Ministry of Tourism, Handicraft, Air Transport and Social Economy, in the second edition of the revolving African Fair of Social and Solidarity Economy (SSE) which was held from October 29th to November 5th in Dakar. On this occasion, the Foundation accompanied 30 Moroccan cooperatives that highlight the national experience in the social and solidarity economy. This action is part of the promotional efforts deployed by OCP Foundation to foster the emergence of innovative and socially responsible social entrepreneurship in Africa. The African Social and Solidarity Economy Fair saw the participation of a total of 52 Moroccan cooperatives that showcased local products and Moroccan handicrafts, while sharing their experiences with African cooperatives to develop opportunities for access to new markets. Thus, three prizes were awarded by OCP Foundation to the most innovative cooperatives.

OCP Foundation also contributed to the enrichment of the scientific programme held during the fair, through participation in panels on the themes of digital marketing and territorial development of the Social and Solidarity Economy. This 2nd edition brought together the actors of the Social and Solidarity Economy from Senegal, Morocco and Ivory Coast around the theme of "The Social and Solidarity Economy: an alternative and inclusive model of entrepreneurship".



LOYALTY TO THE SOCIAL AND SOLIDARITY ECONOMY

OCP Foundation participated in the 8th edition of the social and solidarity economy fair in Oujda, which was held from November 9 to 18, 2019. The event brought together more than

700 participants from the 4 corners of Morocco with the participation of 100 cooperatives from all over the world, including 40 from Africa. Since 2014, the Foundation has been contributing to the success of this national event. She participated in the scientific programs of the Fair through training courses such as digital marketing, reading legal contracts and product certification. During this 8th edition, it has once again consolidated the Group's position in the ecosystem of the social and solidarity economy (SSE) as an actor committed to SSE initiatives and stakeholders, with the ambition to open up partnership horizons for cooperatives and associations, to promote local Moroccan products and to develop the sales volume of Moroccan cooperatives' products during and after the fair, but also to foster the exchange of experiences and the creation of business opportunities between Moroccan and foreign cooperatives. Thus, the Foundation has taken charge of 7 "Social Innovation" Awards.



SIAM 2019: SPECIAL ATTENTION TO SUPPORT FOR FARMERS AND COOPERATIVES

As usual, OCP Foundation participated in the SIAM through OCP stand. Historical partner of the International Agricultural Show in Morocco (SIAM), OCP Group has placed its participation in the 14th edition under the sign of environmental, social and human development. This approach is reflected on a daily basis by the particular attention that OCP Foundation pays to the support and development of Moroccan and African farmers and cooperatives. The Foundation's participation has highlighted its various actions aimed at this target by playing a central role in supporting agriculture as a driving force in the development of Morocco and Africa in general, with a lasting impact on growth, employment and territories.

A BOOST TO THE STARTUP ECOSYSTEM

OCP Foundation has continued to provide support to **6 social enterprises** through the Bidaya Fund (in honorary loans and grants) in partnership with the SOS Maroc Group.



2- HERITAGE AND CULTURAL PROMOTION

THE MARRAKECH PALM GROVE: PRESERVATION OF THE MILLENNIUM HERITAGE!

In partnership with the Mohammed VI Foundation for the Protection of the Environment, OCP Foundation has contributed during 2019 to the program for the Preservation and Development of Marrakech palm grove through the enhancement of the production and marketing value chain of agricultural products. This ranges from the strengthening of product marketing channels through the training of beneficiaries organized in cooperatives to the implementation of technical tools. In this framework, the Foundation has, for example, provided direct support to new farms and women who wish to integrate agro-ecological dynamics. For example, the 'Guindo' cooperative led by **29 women and men** works for an agro-ecological production of vegetables, fruits and eggs. It has a support fund for seeds and treatment or veterinary products in line with organic farming.

In order to boost the sales channels set up in the pilot phase, 8 tonnes of products and more than 8,700 bundles were delivered in the first half of 2019 to 13 customers, including **11 hotels, 1 organic supermarket and 1 group of private individuals.**

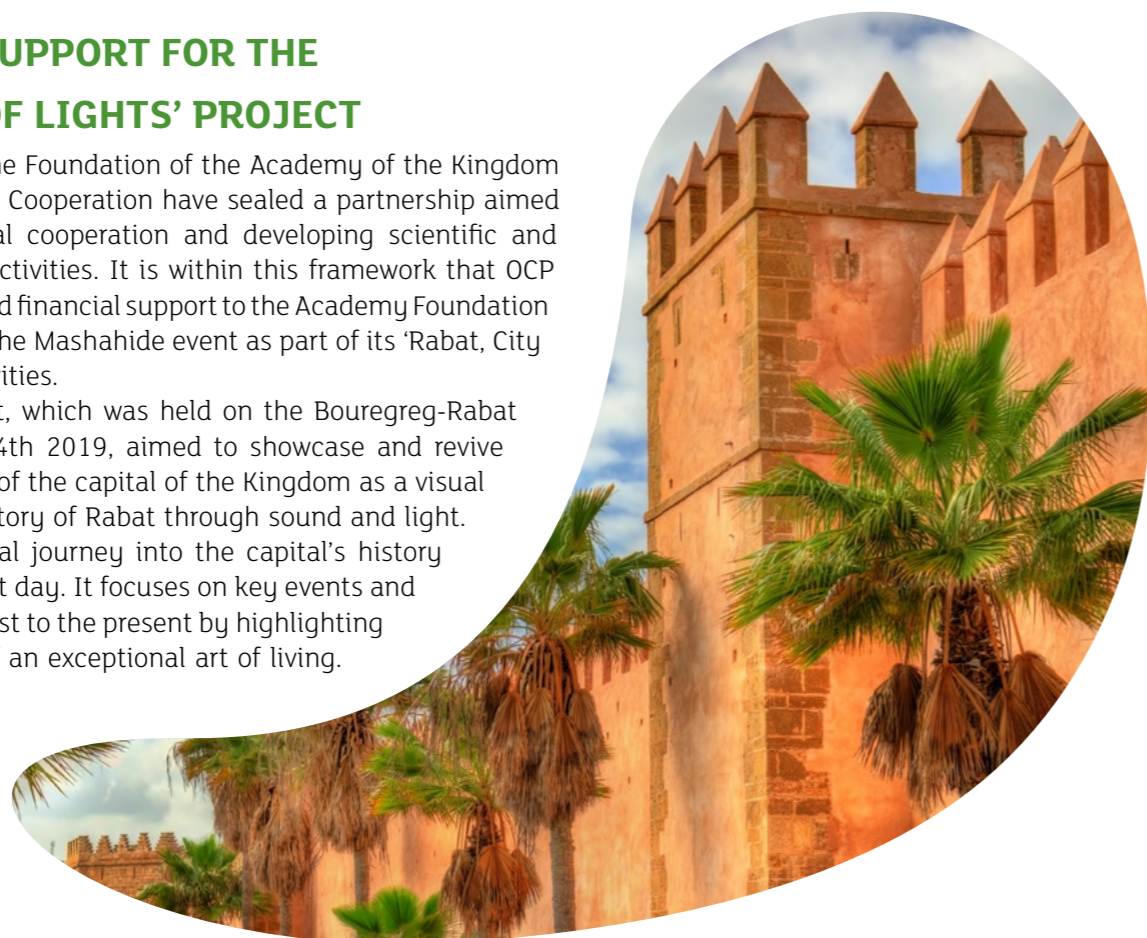
At the same time, local relays for maintaining literacy courses and management advice to farms have been set up. Thus, a cooperative was created and supported in its organizational model around skills transfer services (literacy/agro-ecological practices) and marketing. Launched in 2007, the programme for the preservation and development of the Marrakech palm grove has indeed entered the third phase of its development. Today, the farmers of the palm grove have discovered a new way of practising their age-old profession, one that is more respectful of the environment and also more remunerative thanks to literacy, rudimentary management, but above all technical support and training for crops and livestock. They benefit from an agro-ecological pilot program launched by the Mohammed VI Foundation for the Protection of the Environment, implemented by Agrisud International and the Norsys Foundation, and supported technically and financially by OCP Foundation.



MASHAHIDE: SUPPORT FOR THE 'RABAT, CITY OF LIGHTS' PROJECT

OCP Foundation and the Foundation of the Academy of the Kingdom of Morocco for Cultural Cooperation have sealed a partnership aimed at establishing cultural cooperation and developing scientific and cultural projects and activities. It is within this framework that OCP Foundation has provided financial support to the Academy Foundation for its organization of the Mashahide event as part of its 'Rabat, City of Lights' cultural activities.

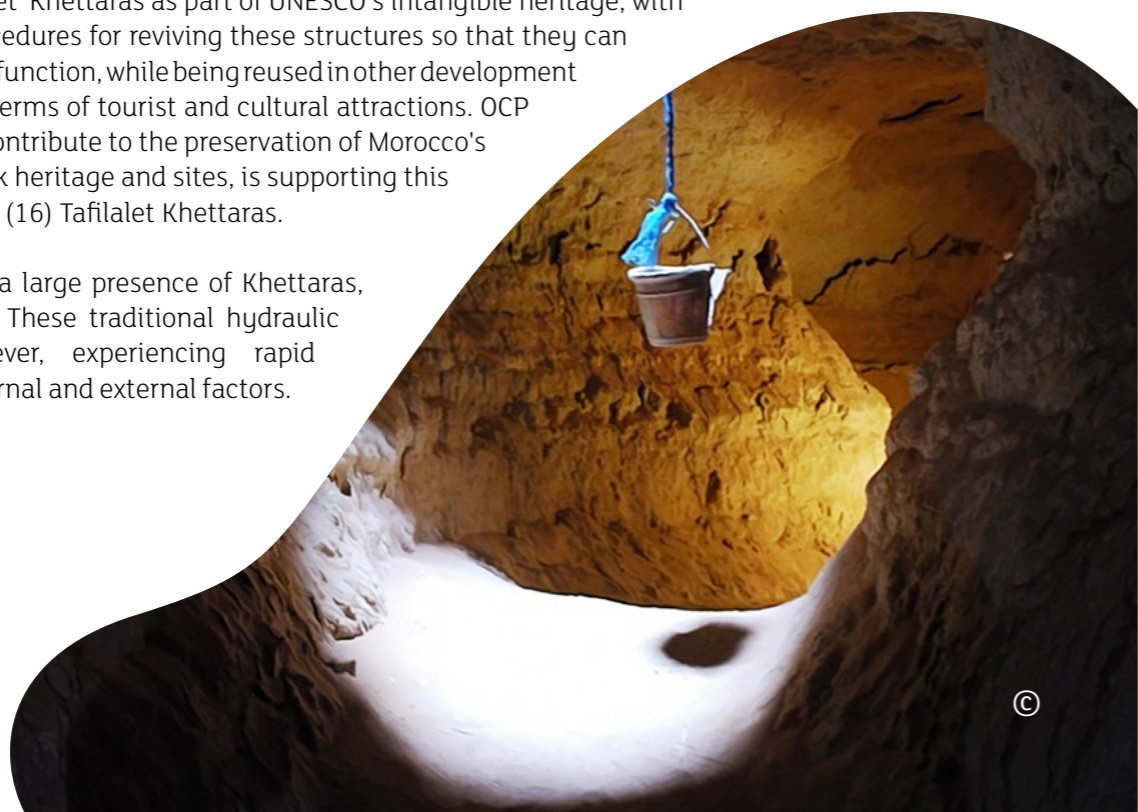
The third annual event, which was held on the Bouregreg-Rabat bank on September 14th 2019, aimed to showcase and revive the historical heritage of the capital of the Kingdom as a visual show, retracing the history of Rabat through sound and light. Mashahide is a magical journey into the capital's history from its birth to present day. It focuses on key events and people and links the past to the present by highlighting the eternal qualities of an exceptional art of living.



THE TAFILALET KHETTARAS, A PRECIOUS NATIONAL TREASURE WORTH PRESERVING

The Miftah Essaâd Foundation for the Intangible capital of Morocco is working towards registering sixteen (16) Tafilalet Khettaras as part of UNESCO's intangible heritage, with a view to completing the procedures for reviving these structures so that they can continue to fulfil their original function, while being reused in other development programmes, particularly in terms of tourist and cultural attractions. OCP Foundation, which works to contribute to the preservation of Morocco's tangible and intangible at-risk heritage and sites, is supporting this project for registering sixteen (16) Tafilalet Khettaras.

Morocco is characterized by a large presence of Khettaras, mainly in the Tafilalet area. These traditional hydraulic structures are now, however, experiencing rapid deterioration due to both internal and external factors.



CONCLUSION

COMMITMENT TO THE GENERAL INTEREST

What would OCP Foundation be without its women, men and ecosystem? Thanks to everyone's involvement, OCP Foundation can support more structuring projects each year, such as those presented in this annual report. This annual exercise of transparency and assessment takes on a special dimension this year. Our Foundation is celebrating seven (7) years of being of common public interest. For us, 'common public interest' is a label that honours our unwavering but above all extended commitment to sustainable and equitable development for the well-being of populations, in particular young people and women of all ages, researchers, entrepreneurs and farmers, whose overflowing, creative energies are only awaiting attention and support to release and propel them. We owe these advances and successes to all stakeholders working for the well-being of local communities. In other words, our mission will be more firmly rooted in the reality on the ground for years to come thanks to our commitment, which will be even more substantial. In this way, we will continue to share our knowledge and best practices through projects with a high social impact.

Equipping young people to prepare them for their future, knowing more about the soil, improving access to health and knowledge, these are all challenges for which we will spare no effort as we work toward achieving them over the years. Thus, convinced that knowledge and education are the building blocks for the development of

future generations, we will redouble our efforts to support communities through socially innovative projects, and will foster partnerships around the world. From an international perspective, we will continue to steer, in close collaboration with our African and Asian partners, first-rate projects to meet the needs of local populations and to continue to offer our contribution to strengthening South-South cooperation. We remain committed to an agile and dynamic approach to achieve all these strategic objectives using collective intelligence, while respecting ethical values.





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FONDATION



2 - 4 Rue Al Abtal Hay Erraha,
Casablanca
ocpfoundation.org