



مؤسسة محمد السادس لحماية البيئة
FONDATION MOHAMMED VI
POUR LA PROTECTION DE L'ENVIRONNEMENT



ANNUAL REPORT

2015

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Her Royal Highness Princess Lalla Hasnaa
President of the MohamedVI Foundation for Environmental Protection

1. Highlights

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INTERNATIONAL EVENTS

1

BUCHAREST (ROMANIA)

FEBRUARY 26 - MARCH 1, 2015

International workshop for the national coordinators of the Young Reporters for the Environment program

The national coordinators of the Young Reporters for the Environment program came from thirty countries at the invitation of the Carpathian Danubian Center of Geoecology, for the annual meeting. This coincided with the 20th anniversary of the Young Reporters for the Environment program, celebrated in the presence of the program creator, Philippe Saugier, and the first program student, Pedro Marcelino, who came from Portugal. The meeting provided an opportunity to review the 2014 edition, present three versions of the program guide (for national operators, supervisors, and students), present the programs of the Young Reporters for the Environment Ambassadors (alumni), and incorporate three new countries: Sweden, Finland, and India.

2

PARIS

MAY 25-26, 2015

UNESCO: Priority Action Group 1 Post Decade 2005-2014

The Foundation is committed to UNESCO's Decade of Education for Sustainable Development priority area 3, namely the "capacity building of educators and trainers in ESD." The objective of this network of 22 partners in 5 continents is to train educators in learning and teaching of sustainable development principles, especially to young people. Several physical meetings and teleconferences were held to finalize the flagship project of this network. Beginning in January 2016, the partner commitments will be evaluated to assess the process in May 2016.

3

PARIS — LYON

JUNE 8-11, 2015

Study visit by French local authorities

Through the French experience, this visit to Paris and in the Ile de France region, as well as to Lyon and the Rhône Alps region, aimed to train local actors in developing Territorial Climate Plans (PCT) and the necessary accompanying measures.



4

GOTHENBURG, SWEDEN
JUNE 28-JULY 3, 2015

**WEEC 2015
 University involvement**

The 8th World Environmental Education Congress (WEEC) was held from June 28 to July 3, 2015 in Gothenburg, Sweden, under the themes of the role of universities in environmental education, the interest in students being catalysts for action, and cooperation between universities and civil society in local sustainable development “beyond teaching, create interactivity with society based on trust: listen, understand,” according to Dr. Arjen Wals, Professor at Wageningen University during the conference opening. He proposed to innovate and rethink the world, by connecting the school to society using social networks to inspire future generations, and reevaluate our basics “go beyond sustainable development, to sustainability.” The challenge today is the climate, conflicts and social equality. To address these issues, attitudes about the 3P (Planet, Profit and People) must change. The next WEEC be held in Vancouver, Canada, from September 9 to 15, 2017.

800
 Participants

68
 countries

5
 NGO participants in the NGO Forum

- 11** themes
- 6** plenaries
- 7** Side events
- 15** Symposium
- 37** Workshops
- 52** round tables
- 357** oral presentations

5

ANTIBES
SEPTEMBER 24 – 25, 2015

**European and
 Mediterranean coastal
 agencies meet at the 2015
 Coast Day**

In 2015, the Conservatoire National du Littoral celebrated its 40th anniversary and on September 25, during the Coast Day held each year, it organized meetings between various Mediterranean and European stakeholders involved in the protection of coastal areas: governments, local authorities, coastal management agencies, NGOs, and specialized networks. The Foundation participated in these meetings. Also during the Coast Day, on September 24 the French Development Agency and Plan Bleu held a regional workshop for reflection and knowledge sharing on integrated coastal zone management in the Mediterranean. The Foundation presented its experience on the Marchica program supported by the French Global Environment Facility (GEF). GEF expressed that it was prepared to continue its partnership with the Foundation on pilot projects, and on producing a documentary base on good practices and project management tools to make available to coastal stakeholders.

INTERNATIONAL EVENTS

6

BARCELONA, SPAIN
OCTOBER 1-2, 2015

3rd European Conference of environmental education for sustainable development

The 350 participants from Europe, Australia, and Morocco have considered the impacts of sustainable development: stakeholder involvement in education, importance of work in schools, sharing local experiences, with slogans like “learn to do,” “be part of change,” “think globally and act locally,” etc.

The conference discussed the possibilities of strengthening environmental education, supporting initiatives and projects, and expanding to other continents: Africa, Asia, and America.

7

PARIS
OCTOBER 12 - 16, 2015

1st Edition of World Efficiency

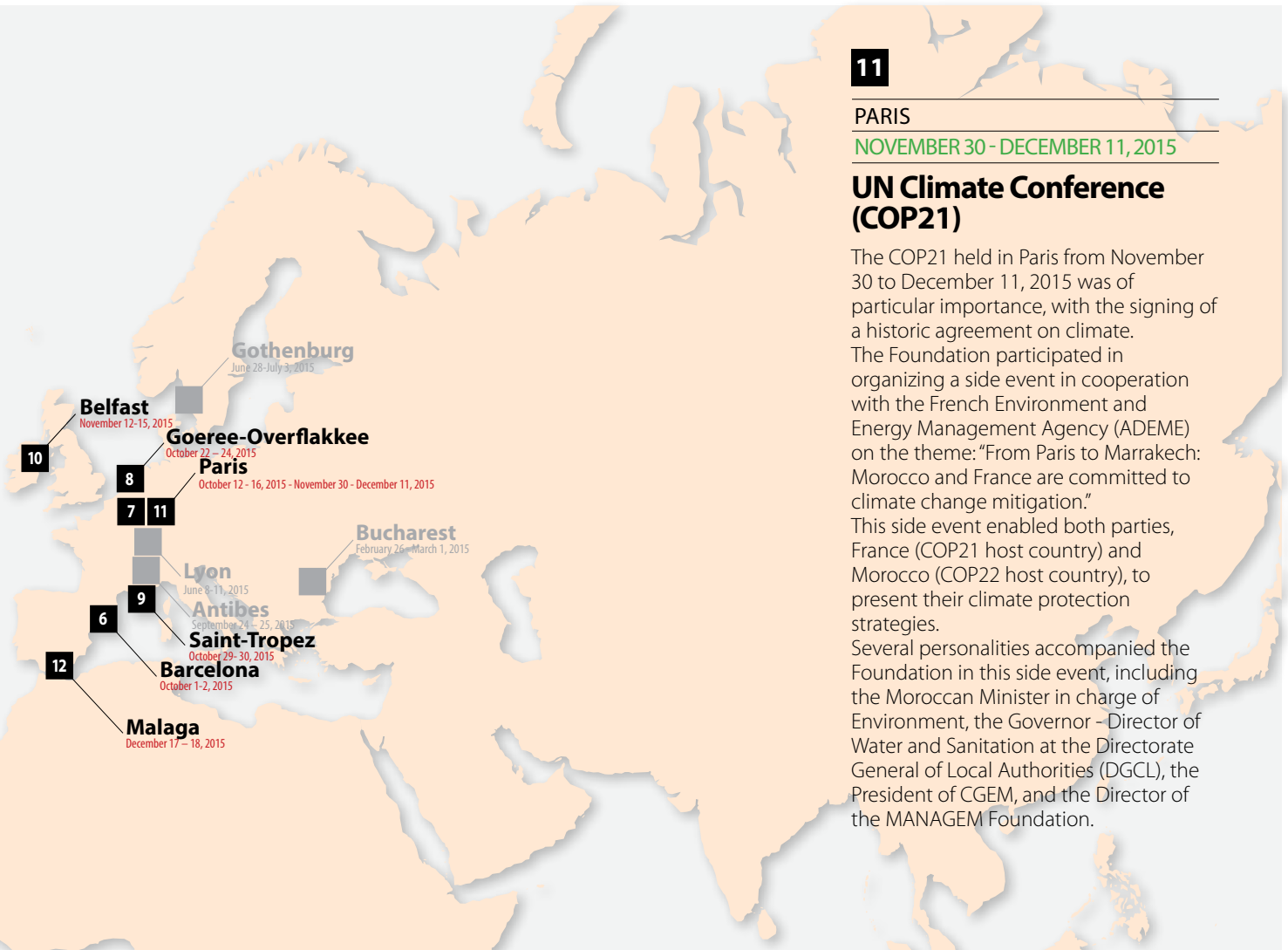
Each year, for World Efficiency, the new name for Pollutec, the Foundation organizes a mission for the representatives of the Qualit’air program monitoring committee. The 1st edition of this congress-exhibition brings together decision makers and opinion leaders over the topics of climate change, energy transition, and the low carbon economy. Committee representatives also met with Ile de France’s Regional Council and Air Quality Monitoring Association to share their experiences, develop cooperative links, and visit the Air Parif laboratory.

8

GOEREE-OVERFLAKKEE, NETHERLANDS
OCTOBER 22 - 24, 2015

Blue Flag 2015 National Blue Flag Coordinators Meeting

The 49 countries that have implemented the Blue Flag label participated in this international meeting, the label’s regular meeting place. Discussions focused on strengthening the review process (applications, inspection, bathing water quality), the development of the label (Japan, Mauritius, Russia, South Korea and Colombia), and workshops on the sharing of best practices and expertise. The Foundation took the opportunity during the visit to the Port Zealand marina to inquire about the labeling of marinas, an ongoing project in Morocco.



9

SAINT-TROPEZ (FRANCE)
OCTOBER 29- 30, 2015

ANEL National Study Days

These days were organized within the framework of the COP 21 preparations in December 2015 by the Association Nationale des Elus du Littoral (National Association of Elected Officials on the Coast) (ANEL) on the theme “local communities facing climate change.” They enabled elected officials from coastal communities in metropolitan France and overseas to discuss climate change mitigation efforts by coastal communities (coastal erosion mitigation, prevention of extreme phenomena of marine submersion, cyclonic swells, tsunamis, energy transition, and renewable marine energies).

The Foundation was invited to the event for its coastal protection efforts in Morocco, alongside a delegation of elected Senegalese officials.

10

BELFAST, NORTHERN IRELAND
NOVEMBER 12-15, 2015

International workshop for the Eco-Schools program coordinators

58 countries participated in the annual coordinators meeting for the Eco-Schools program. In 2015, the international FEE program experienced the arrival of Switzerland and the United Arab Emirates, and the departure of Tunisia and Ukraine.

12

MALAGA
DECEMBER 17 – 18, 2015

IUCN regional meeting

Jointly organized by the Centre for the Mediterranean Cooperation IUCN (IUCN-Med) and the Spanish press agency “EFE,” with the support from the MAVA Nature Foundation and the Alliance of Mediterranean News Agencies (AMAN), the meeting brought together journalists from Morocco, Spain, Tunisia, Algeria, Lebanon, France, Italy, Turkey, Portugal, and environmental organizations (WWF, MED-WET, UfM, Bird-Life, and UNEP), the High Commission for Water and Forest, the Foundation, and IUCN.

Participants sought to promote a Mediterranean network of journalists specialized in environmental issues and enhance public awareness. One of the ideas advocated at the meeting is to organize a side event for journalists reporting on the environment at the COP 22 in Marrakech.

11

PARIS
NOVEMBER 30 - DECEMBER 11, 2015

UN Climate Conference (COP21)

The COP21 held in Paris from November 30 to December 11, 2015 was of particular importance, with the signing of a historic agreement on climate.

The Foundation participated in organizing a side event in cooperation with the French Environment and Energy Management Agency (ADEME) on the theme: “From Paris to Marrakech: Morocco and France are committed to climate change mitigation.”

This side event enabled both parties, France (COP21 host country) and Morocco (COP22 host country), to present their climate protection strategies.

Several personalities accompanied the Foundation in this side event, including the Moroccan Minister in charge of Environment, the Governor – Director of Water and Sanitation at the Directorate General of Local Authorities (DGCL), the President of CGEM, and the Director of the MANAGEM Foundation.

NATIONAL EVENTS



2

RABAT

21 MAI 2015

Sustainable beach management

On May 21, 2015, the Mohammed VI Foundation for Environmental Protection organized an information and awareness workshop for its partners, entitled “sustainable management of beaches and coastline.”

A total of 200 representatives from communes, local authorities, the administration, businesses and local associations gathered to prepare the Clean Beaches 2015 campaign, the 16th since its launch in 1999.

The objective of this workshop was to present the Foundation’s actions, the national and international good practices, and to exchange and share.

The project management manual was presented, and the French Conservatoire du Littoral and the University of Cadiz presented good practices in Europe and South America.

21 recommendations were made, which the Foundation noted and committed to their implementation.

1

CASABLANCA

FEBRUARY 12 – 22, 2015

International Book Fair and SIEL

Present at this event, the Foundation had an interactive kiosk focused on its efforts at the National Council for Human Rights’ (CNDH) stand, where the Foundation hosted visits from Eco-Schools students from region greater Casablanca region. Over 400 students and their supervisors visited the booth and fair.

3

SKHIRAT

JUNE 6, 2015

National Conference on Morocco’s INDCs

This conference aimed to present Morocco’s GHG emissions reduction targets (Intended Nationally Determined Contributions (INDC)) for 2020-2030 for submission to COP 21 in December 2015 in Paris, in the context of a global climate agreement.

In panel number 3 “INDC Morocco, from commitment to implementation” The Foundation presented actions and measures taken to contribute to greenhouse gas emissions (GHG) mitigation as part of its Qualit’air and Voluntary Carbon Offsetting programs, in particular the carbon database and GHG tool.

4

RABAT

JULY 24, 2015

Constitutive general assembly for the Climate Change Capacity Center (4C Morocco)

The Foundation participated in the creation of the Climate Change Capacity Center. The center’s main objective is to develop national capacity for adapting to climate change and mitigating greenhouse gas emissions, and to support research on climate change. This will also serve as a regional platform for South-South cooperation to strengthen the capacity of African countries.

2. ENVIRONMENTAL EDUCATION

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ECO-SCHOOL

SECOND YEAR

EDUCATE AND RAISE AWARENESS, ESPECIALLY AMONG THE YOUNGEST, IS THE FOUNDATION'S CENTRAL MISSION. THUS, IT DEVELOPS TWO FLAGSHIP PROGRAMS FOR THE FOUNDATION FOR ENVIRONMENTAL EDUCATION (FEE): ECO-SCHOOLS AND YOUNG REPORTERS FOR THE ENVIRONMENT, WHICH ARE NOW THE PILLARS OF ITS ACTIONS. THIS ACTION WAS REINFORCED SOME YEARS AGO BY A SUPPORT PROGRAM FOR YOUNG JOURNALISTS FOR THE ENVIRONMENT.

INTERNATIONALLY

58
countries

15
Millions students

10 YEARS OF SUCCESS

In 2015, the Eco-Schools program began its ninth year in Morocco with an ever-greater involvement: 1,127 schools for the 2014-2015 season, compared to 898 during the previous season. The increase is similar for the Green Flag label, with 116 candidate schools in 2014-2015. A total of 53 of these candidates hoisted the Green Flag, 30 obtained the bronze certificate, and 33 obtained the silver certificate. A total of 79 out of 104 Eco-Schools renewed their label. For this season, a sixth study topic was added: solidarity. The original five themes are: water, energy, waste, biodiversity and food.

ECO-SCHOOLS IN MOROCCO

1 127

Eco-Schools

53

green flags



SCHOOLS



TRAINING

From November 2014 to March 2015, training workshops were organized in each region to support newly registered schools. They allowed the labeled schools to pass on their experience to others. The students themselves presented their schools' actions.

Regional and provincial ESD coordinators organized these workshops, which provided the occasion to hoist 18 Green Flags. The Ministry of Education and Vocational Training, and the Foundation trained the coordinators.

NATIONAL MEETING

An exchange and training meeting for 98 regional and provincial ESD coordinators was held on February 18-19. It enabled the strengthening of the coordinators' role as a relay for Eco-Schools and Young Reporters for the Environment programs in the regions and provinces.

The coordinators are locally in charge of both programs, and are essential to relaying their development and success. The training has enhanced their ability to organize, manage and implement the Eco-Schools and Young Reporters for the Environment program.

PARTNERSHIPS

The Foundation is actively working for partner support of the Eco-Schools program.

The National Water and Electricity Office (ONEE) conducted three support actions for Eco-Schools:

- An awareness campaign in April 2015 in 19 Eco-Schools in Jerada in the Oriental region.
- A coastal protection awareness campaign with Hassan Baraka on June 5 in Dakhla for Environment Day.
- A 2nd of the itinerant educational village, which from November 7 to December 19 visited ONEE-sponsored beaches (Dakhla, Tiznit, Kenitra, Casablanca, and Bouznika) to educate children about water and electricity problems.

EDUCATIONAL CIRCUIT

OUED EDDAHAB BAY EDUCATIONAL CIRCUIT

The Foundation has developed a new educational circuit for the Oued Eddahab Bay. It raises awareness of the importance of biodiversity at the bay and promotes good environmental practices. It consists of several information points, which playfully alternate simple visual panels and interactive modules: a well to explain the water cycle and the fossil layer, a biodiversity pyramid, recycling bins for sorting waste, compost bins, and a rotary table explains the different energy sources, including renewables.

It will take place in the Hay Rahma garden in Dakhla, but was designed in modules to be moved.



TRAINING TOOLS

ENERGY-CLIMATE VIRTUAL PLATFORM

The Foundation has developed a learning tool for environmental scientific, technological and technical knowledge for young people, adolescents and adults. The tool is based on active, interactive and fun teaching that inspires the learners. The first part of the platform covers the topic of energy and climate. It was posted on the Eco-Schools Portal in late December 2015.

The different energy production systems, and their impact on the climate and air quality are represented and modeled. Against a backdrop of a city, different renewable energy (solar, wind, etc.) are explained and simulated.

The platform is an evolving tool. Other topics will be discussed and developed in future developments.





UPGRADING THE PALM GROVE EDUCATIONAL CIRCUIT:

The six interactive modules and panels that educate about the palm grove and good environmental practices have been upgraded. Compliance with the specifications has been verified, and revisions made pursuant to a workshop visit conducted on July 8, 2015. The Foundation received the revised modules of the palm grove educational circuit on September 7, 2015 at Jnane El Harti in Marrakech.

TOOLS



GREEN KEY: MANAGEMENT MANUAL TO SUPPORT TOURISM ESTABLISHMENTS

An environmental management manual was published by the Foundation to support tourism establishments in the implementation of environmental policy and actions necessary for labeling. This tool identifies good practices, simple actions and daily organization methods to enable the manager of a tourism facility to participate in environmental protection, to make significant savings, motivate his/his team around an environmental development project, and improve customer satisfaction. It thus provides a means of opening up to sustainable development and anticipating environmental regulations to come.

YOUNG REPORTERS FOR THE ENVIRONMENT



WITH 1,282 STUDENTS MENTORED BY 641 TEACHERS, PARTICIPANTS IN THE 13TH EDITION OF THE YOUNG REPORTERS FOR THE ENVIRONMENT CONTEST DEVELOPED 217 WRITTEN REPORTS AND 410 PHOTOGRAPHS ON THE THEME: RENEWABLE ENERGY, PILLAR OF SUSTAINABLE DEVELOPMENT. THE WINNERS AND THEIR SUPERVISORS RECEIVED THEIR AWARDS AS WELL AS DIGITAL TABLETS AT PROVINCIAL AND REGIONAL CEREMONIES THROUGHOUT THE MONTH OF MAY 2015, WHICH PROVIDED OPPORTUNITIES FOR GREAT PRIDE IN THESE YOUNG PEOPLE, THEIR PARENTS AND TEACHERS.

Training and education workshops for sustainable development:

As every year, the Foundation organized with the Ministry of Education and Vocational Training workshops at the Young Reporters for the Environment contest. Regional and provincial coordinators, facilitators from environmental clubs, junior high school students and more experienced high school students shared their experience to those new to the contest. These workshops were held for the Academy of Greater Casablanca on November 28, Fes-Boulemane on December 5, Rabat-Salé-Zemmour-Zaïers on December 12 and Meknes Tafilalet on December 19.

International award

The international jury, which announced the international awards results for the World Environment Day on 5 June 2015, rewarded Morocco three times:

- 1st place photography contest for the 11-14 year old age group: Khemisset junior high, Rabat Salé Zemmour Zaer region
- 1st place photography contest for the 15-18 year old age group: Zaineb Nefzaouia high school, Sidi Slimane delegation, Gharb Cherarda Bni Hssen region
- Honorable Mention by the International Jury for the 19-21 year old category for the written report from Nador on solar pumping.

The winners were awarded with a diploma, a digital tablet for the written report category and a professional camera for the photography category.

WRITTEN REPORTS

INITIATIVE AWARD

Academic unit of the Banque populaire (junior high) (Tangier, Tetouan, Assilah), Title of written report « **Waste, a dangerous treasure** »,

Language: Arabic,
Age category: 11-14.
Students at the Banque Populaire academic unit in Asilah covered the subject of their city's landfill and its impacts on health and water table pollution.

APPROACH AWARD

Ibn Taher high school (Meknès Tafilalet Errachidia) Title of written report « **Will Errachidia have a solar station?** »,

Language: French,
Age category: 11-14.
The Ibn Taher high school students in Errachidia won the Approach award for their investigations on the possibility of a solar power plant in their town, like that of Ouarzazate. They did not hesitate to contact ONEE, the local meteorological station, a researcher, a local politician, and even the Minister of Energy and Mines interviewed by telephone.

NATIONAL JURY AWARD

Abdelkarim El Khattabi high school (Oriental, Nador). Title of written report « **Solar pumping for irrigation... a seamless and silent technology** »,

Language: Arabic,
Age category: 15-18.
Honorable Mention by the international jury
The Abdelkrim El Khattabi high school students visited a farm owned by Aâmi Ammar in Nador to make a convincing story about the benefits of the solar pump installation at his farm and compare solar energy with other energy sources.

THEME OF THE YEAR AWARD

Abdelaziz Meziane belfqih high school (Fès Boulemane Moulay Yaacoub). Title of written report « **Solar energy: a success story of renewable energy that changed the lives of villagers in Moulay Yaacoub** »,

Language: Arabic,
Age category: 19-21.
The theme of the year award was awarded to students of the Abdelaziz Meziane Belfqih high school in Moulay Yacoub for their report on the residents of Douar Ouled Jamaa's discovery of solar energy after its installation in the mosque. This installation had a positive impact on people's quality of life, including lowering the school dropout rate.

PHOTOGRAPHY REPORTING

The photography report awards were awarded to six establishments from different academies for images depicting drought, pollution, rural life, storks, and renewable energy.



EYE-OPENING PHOTO AWARD

Khemisset junior high school (Rabat-salé-Zemmour-Zaer-Khemisset) « **Your Grace my God!** »

1st place 11-14 year age group photo contest

Language: arabic.

Age category : 11-14 ans.



AWARENESS AWARD

Hamane Fatouaki high school (Souss-Massa Daraa-Inezgane Ait Melloul) « **Their search for something possible!** »

Language: arabic.

Age category : 15-18ans.



UNUSUAL PHOTO AWARD

Royal military high school (Gharb-chrarda-Bni Hssen Kenitra) « **Kenitra storks: dilemma between life and death** »

Language: arabic.

Age category: 15-18 ans.



PARADOX AWARD

la Colline (Kenitra) high school « **Plastic in every m2 in the water** »

Language: arabic.

Age category: 19-21ans.



EXPOSURE AWARD

Zainab Nefzaouia high school (Sidi Slimane) « **What are we breathing?** »

1st place in the photo contest for the 15-18 year old age category

Language: arabic.

Age category: 19-21ans.



THEME OF THE YEAR AWARD

Technical high school (Laa youne Boujdour Laayoune) « **Wind: a continual source, clean and renewable energy, and the least expensive** ».

Language: arabic.

Age category: 19-21ans.

YOUNG JOURNALISTS FOR THE ENVIRONMENT

2nd
session

31
Journalists

8
Countries



In 2011, the Foundation initiated the training program for young journalists and communications professionals in partnership with the Cooperation Centre for the Mediterranean (IUCN-Med) and support by the United Nations Environment Programme (UNEP). It completed its second training session. Begun in April 2014 and completed in March 2015, this session was launched with 31 journalists (compared to 22

for the first session) from North Africa (Morocco, Tunisia, and Mauritania) and West Africa (Benin, Senegal, Guinea, Guinea Bissau, and Burkina Faso). A review workshop closed the session on March 17, 2015 in Rabat, co-organized by the Foundation and the Islamic Educational, Scientific and Cultural Organization (ISESCO). A visit to the Bouknadel exotic gardens was organized as a side event to the workshop.

The third session will be launched in early spring 2016 and will seek to open up to a growing number of African countries.

3. THE COAST

Coastal protection is the Foundation's first commitment with the Clean Beaches program. This first program, which is being expanded to the entire coast, preceded other important and noteworthy programs: protection of the Nador and Dakhla lagoons, and the RBIM.

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OUED EDDAHAB BAY IN DAKHLA	29
MEDITERRANEAN INTERCONTINENTAL BIOSPHERE RESERVE (RBIM)	30

CLEAN BEACHES

THE POPULAR SUCCESS OF CLEAN BEACHES IS UNDENIABLE SINCE THE LAUNCH OF THE OPERATION IN 1999. THE 80 PROGRAM BEACHES ARE THE ONES MOST VISITED TODAY IN THE KINGDOM. EVERY YEAR THEY RECEIVE OVER 100 MILLION DAY-VISITS, ATTESTING TO THE SUCCESS OF A PROGRAM, WHICH AIMS TO RAISE OUR BEACHES TO INTERNATIONAL STANDARDS.

87
BEACHES

54
COASTAL COMMUNES



69
BEACHES SPONSORED BY PARTNERS

29
PUBLIC AND PRIVATE COMPANIES ENGAGED
ALONGSIDE LOCAL COMMUNITIES.

COASTAL PROTECTION

97,3 %

OF MONITORED WATER IS CLASSIFIED AS A OR B AND COMPLIANT WITH BATHING WATER QUALITY STANDARDS

373

OUT OF 383 STATIONS WERE MONITORED



The Clean Beaches program has evolved from its initial focus of cleanliness. Quickly, the program has grown to now become a true coastal protection program. Since the assessment in 2012, the Foundation has worked to strengthen local skills and to equip them with new tools for planning, execution and management.

In 2014, the Foundation launched a second study on the sustainable management of beaches and coastline in the Clean Beaches program in partnership with the Direction General of Local Authorities (DGCL). The study aimed to meet this need. It therefore focused on the production of beach management tools, and the training of local authorities on the use of these tools. The development of skills should eventually enable the local coastal authorities to sustainably manage their beaches, to invest in the beaches, and to derive economic and social benefits from these beaches.

Beyond the usual actions, the 2015 Clean Beaches edition also focused on coaching, training and awareness raising of local actors. Finally, 2015 was an opportunity to renew the Clean Beaches partnership agreements that expired in 2014.

New partnership agreements

To control the environmental pressure on the beaches due to the increasing number of visitors, the program focused on strengthening the Clean Beaches agreements with communes and partners in which a budget is set and a three-year action plan is defined. The contributions of each party are clearly specified.

A model agreement was developed in 2015 to define the organization, equipment, maintenance and animation of a beach. This outlines each partner budgets related to its contribution, the allocation of human and technical means, and project status.

This agreement includes three main elements:

1. A table of budgeted goals for the next three years;
2. An annual beach management dashboard of the agreed actions between the commune and economic partner;
3. Beach Management and Use Plan (PUGP).

The first item, which is an integral part of the agreement, may be updated during the execution of the agreement. The other two documents are produced and updated annually as part of the implementation of the agreement. All partnership agreements that ended in 2014 were renewed in 2015, under the new system.

LABELING

Expansion of labeling to Marinas

The Blue Flag label, launched in 2002, will be extended to marinas. Marina managers have expressed a sincere interest in introducing this label in the marinas. In April 2015, the Foundation, accompanied by a Spanish expert in Blue Flag labeled marinas, organized a study visit to the Kingdom's four marinas: Bouregreg, Saidia, Marchica and Agadir. A visit report was prepared for each marina and forwarded to the concerned managers, who have been invited to establish an action plan with the Foundation.

Qualification criteria per international standards

The Mohammed VI Foundation for Environmental Protection each year increasingly strengthens and structures the role of various Ministerial departments in the Clean Beaches framework, notably by improving the

beaches qualification criteria according to international standards.

BATHING WATER QUALITY

Monitoring bathing water quality

97.3% of monitored water is classified as A or B and compliant with bathing water quality standards. 373 out of 383 stations located on 146 beaches were monitored. 2.7% of monitored water is classified as C and non-compliant for bathing. 10 out of 383 stations located on 6 beaches (Tangier Ville, Markala and Jbila in the Tangier-Asilah Prefecture; and Petit Zenata, Saada and Chahdia in the Wilaya of Greater Casablanca). (Study conducted by the Directorate of Ports and Public Maritime Domain (DPDPM) of the Ministry of Equipment, Transportation and Logistics and the Department of Risk Surveillance and Prevention of the Ministry delegate in charge of Environment, from May 2014 to March 2015 over 152 beaches (383 sampling stations) covering 31 provinces

and prefectures (45 in the Mediterranean and 107 on the Atlantic) per NM 03 7 200 standard)

114 beaches are monitored according to standard NM 03 7 199 (approved in 2014) based on the New European Directive of 2006.

Monitoring sand quality:

Chemical, mycological and typological analysis: no contamination by heavy metals, hydrocarbons, dermatophytes or molds, 20 beaches monitored with positive results.

Developing beach profiles

44 beach profiles developed by late 2014. 32 new profiles being developed in 2015. Bathing profiles required by NM 03 7 199 standard is a decision support tool and also helps to promote the activities undertaken by companies and beach managers with regard to sanitation.

2 200

LIFEGUARDS RECRUITED BY CIVIL PROTECTION,
1,463 SEASONAL LIFEGUARDS



BEACH DEVELOPMENT AND MANAGEMENT

Development of beach use and management plans (PUGP)

26 beaches had a PUGP by late 2015, which are 4 more than in 2014. 14 new ones are being developed.

Since 2015 and under the new Clean Beaches partnership agreement beach use and management plans are a mandatory tool for each beach.

Temporary occupancy of public maritime domain

The Ministry of Equipment and Transportation has made 13 beaches available to communes to manage and deliver temporary occupancy permits to individuals: Beniser Kaou, Agadir, Taghazout, Abouda, km 25 (Agadir), Talayoussef, Quemado, Irdi and El Moud (Al Hoceima), Safi, Ikram Deif and

Beddouza (Safi), Sidi Boughaba (Kenitra), and Chemaala (Chefchaouen).

Sanitary facilities, first aid centers and civil protection centers

- Showers: 76% of beaches, 30% for people with special needs.
- Toilets: 87% of beaches, including 46% for people with special needs.
- First Aid Centers: 64% of beaches
- Civil protection units: 88% of beaches
- Water fountains: 65% of beaches.

Planning and management tool

A first version of the "Project guide for beach management, conservation and development" was produced in 2015. It was presented to local officials (in charge of beach management for coastal communes, Wilayas, and prefectures) from 25 Wilayas and prefectures and over 50 coastal communes during three workshops. These workshops were held on May 18 in Tangier, on May 25 in

Casablanca and June 1, 2015 in Agadir. This planning and management guide will facilitate the work of local actors in the field and strengthen their capacity for beach management.

It breaks down the beach development and management project for the summer season into four parts:

1. Planning and preparation for the summer season;
2. Behavior guidance for all beach users;
3. Drafting requirements for supplies, services and works for beach management;
4. Monitoring and assessment of the summer season.

It also includes a chapter on institutional and legal frameworks of the beaches, with a response guide for behavior that is dangerous or harmful to proper beach management.

Finally, it proposes a management that is more suitable to the new bathing

61

BEACHES EQUIPPED BY THE PORTS AUTHORITY AND THE PUBLIC MARITIM DOMAIN

120

CIVIL PROTECTION PROFESSIONALS

300

LIFE JACKETS, 62 BOARDS, 24 MEGAPHONES



COASTAL PROTECTION

water quality standard through the PUGP, an excellent planning and quality management tool for the beaches and the back beach.

The project management manual has been updated and completed based on the discussions and recommendations of the presentation workshops.

A second round of specific three day training that is focused on the use of the project management manual and fieldwork is scheduled for local officials in 2016.

Health coverage

The Ministry of Health covered 54 beaches with first aid centers served by over 300 medical staff (doctors and nurses). The rest of the beaches are managed either by the Moroccan Red Crescent or by private medical offices.

Awareness and education for sustainable development

The Foundation and its partners conducted a number of awareness raising and education activities on the beaches, convinced that they form the basis for long-term success.

- The Foundation published a collection of best communication and awareness practices for the Clean Beaches program. The 2015 edition suggests 37 best practices.
- An educational platform, "Chawatii nadifa m3a BOU'NDIF" was developed in Arabic. It consists of a game and an online quiz on the Foundation's website or accessed from a mobile phone. Beach cleaning and pollution are discussed to educate young people on clean beaches and coastline and change their behavior.
- Establishment of 23 eco-villages, relying on local organizations or specialized agencies.

- The Moroccan National Federation of Scouting (FNSM) participated for the 13th consecutive year in the Clean Beaches operation. It has conducted environmental awareness and education and animation programs on eight beaches (Saidia, Tangier, Asilah, Agadir, Ksar Sgir, Ain Diab, El Haouzia and Bouznika). Holmarcom Group, Maroc Telecom, ONCF, Royal Air Maroc, ONEE and the Banque Populaire Foundation sponsored FNSM's participation in the Clean Beaches 2015 operation.
- 696 members of the Federation participated in this campaign, including 546 scouts and guides, 72 supervisors and 48 assistants.
- 15,000 commitments to respecting the beach and its environment were signed.
-



SECURITY

- 74 beaches are equipped with emergency stations. 48 fixed stations, 22 mobile stations 4 and tents.
- 19 ambulances and 4,684 interventions between June 15 and September 15, equal to 64% of total interventions on all the Kingdom's beaches.
- 1,086 lifeguards were trained in communication and stress management as part of the partnership agreement between the Foundation and ANAPEC.

MONITORING AND BATHERS

182 Lifeguard towers,
167 Binoculars,
443 Umbrellas,
20 Jet skis,
46 Zodiacs,
6 Quads



88 %

Of beaches have civil protection units

65 %

Of beaches have water fountains

SANITARY

Showers: 76% of beaches, 30% for people with special needs.

Toilets: 87% of beaches, including 46% for people with special needs.

First Aid Centers: 64% of beaches

Coordination and Monitoring

- 15 local committee meetings were organized between November 2014 and May 2015.
- Five local associations (SPANNA, AESVT - Mohammedia, Biati Hayati in Casablanca, Achouala – Essaouira, and Association des Protecteurs de l'Environnement - Safi) conducted inspections on 22 beaches between June 15 and September 15, 2015 at a rate of one visit per month, for a total of 4 visits per beach.
- 87 program beaches received unannounced visits between July 20 and August 30 by members of the national Clean Beaches committee.

Technical data developed following these visits assessed the status of each beach and highlights the efforts and shortcomings on all program criteria.

Findings and recommendations

Following these visits, the national Clean Beaches committee identified gaps and made recommendations to address them, including:

- Generalize the display of the Bathing Water Quality results, include it in the national bathing water quality monitoring framework agreement established with the Public Laboratory for Study and Testing (LPPE), publish

the bathing water quality results every two weeks on different websites.

- The 30% proportion reserved for concessions on beaches is not respected, and the public maritime domain is occupied by uncontrolled commercial activities. Regular patrols by the public maritime domain police, the citations established and forwarded to the royal prosecutor would benefit from being increased.
- Efforts are still needed for the integration of concessions in the landscape and to better manage, clean beach back as much as the beach, increase outreach efforts. To do this, the implementation of the Usage Plans and Management of Beaches developed by DPDPM is a sufficient solution. It can rely on the police maritime public domain, and integration of cleaning the beach in the specifications concessions.
- A great effort is being made by civil protection on the beaches, and management of water activities on the beaches is clearly improving (markup). The delimitation of the swimming area 300 m remains to be reduced to 150 m.
- The commendable efforts of the Ministry of Health are grappling with inadequate resources. The committee

proposed to reactivate the circular on health coverage beaches, the subcommittee Health, hygiene and safety whose secretariat is provided by the Delegation of the Ministry of Health.

- If original and innovative awareness raising and environmental education have been carried out, the program would benefit if the awareness and environmental education activities are present on a maximum of beaches, encouraging the participation of local associations and federations. This awareness raising would benefit from enforcement, the different fonts of the environment can support.

MARCHICA LAGOON IN NADOR

THE MAIN ASPECTS OF THE MARCHICA LAGOON PROTECTION PROGRAM ARE COMPLETE, AND THE FOUNDATION IS DEDICATED TO THE NECESSARY AWARENESS AND EDUCATION TO ENSURE SUSTAINABLE RESULTS. THE FOUNDATION HAS THUS FOCUSED ON ITS EDUCATION AND OUTREACH PROGRAMS.



The number of Eco-Schools in the program that neighbor the lagoon has increased to 62. They represent almost half of the students in the Nador province for this program. On March 18, 2015, 18 of these Eco-Schools participated at the headquarters of the Nador Province in a training and awareness workshop on the environment. This workshop included directors and academy inspectors and was focused on the program teaching methods and the tools available to them. The Abdelkrim El Khattabi high school students in Nador, accustomed to awards, received the national jury award for a convincing story about the benefits of

the solar pumping installation at Uncle Ammar's farm. Two new beaches joined the Clean Beaches program: Ras El Ma and Kariat Arekmane, the latter having been labeled Blue Flag. The program scientifically accompanied several international missions from March 3 to 5, 2015 in Nador. These missions concerned the maintenance of bio huts installed in the Port of Nador, the feasibility of a bio restore operation (post-larvae fisheries and fishing in the Marchica lagoon), the operationalization of the Lagoon Observatory and support for the defense of a doctoral thesis on

the use of bio huts as a replacement method of destroyed habitats. Lastly, the Association Agir is conducting a study to support fishermen in the lagoon, with support from CEPF and the French Coastal Conservatory, Conservatoire du Littoral Français.

OUED EDDAHAB BAY IN DAKHLA

This marine bay with an area of 40,000 ha (37 km long and 13.5 km wide), separated from atlantic Ocean along its entire length by a Peninsula, is rich in its fauna (birds, fish), its desert flora, its great wild spaces.



The Oued Eddahab bay protection program, which entered its fifth year in 2015, is taking place gradually. It is based on a partnership with the Southern Development Agency (Agence du Sud) with an established action plan that includes education and awareness. In the region, the Foundation deploys education and outreach programs: the Oued Eddahab bay has 16 Eco-Schools, and its junior high and high school students participated in the Young Reporters for the Environment contest;

three beaches have joined the Clean Beaches program, including a new one "PK 25" also known as Trouk beach in El Argoub. An educational circuit is being finalized for installation in Dakhla.

40 000 ha

MEDITERRANEAN INTERCONTINENTAL BIOSPHERE RESERVE (RBIM)



The Mediterranean Intercontinental Biosphere Reserve (RBIM) is part of the reserve UNESCO Biosphere network, which aims to reconcile natural resource conservation and economic development in areas with complex and remarkable ecosystems. These biosphere reserves fulfill four major functions: conservation, development, science and education.

The RBIM covers seven provinces of the Rif in which lie the remarkable sites of Talassemtane National Park, the Jbel Bouhachem and Jbel Moussa mountains, the Smir Lagoon and the Oued Tahaddart River.

The RBIM monitoring committee met in Chefchaouen and Ouezzane, respectively on June 23 and 24, 2015.

Within the RBIM framework, the Foundation deploys its outreach and

education programs: 123 Eco-Schools are involved, 24 of which have flown the Green Flag; 22 beaches are in the Clean Beaches program, including 3 new ones in 2015, and 4 were awarded the Blue Flag; 3 tourist lodging facilities in the Talassemtane National Park have been awarded the Green Key label.

Actions were taken for these programs:

- An Eco-Schools workshop on March 7 for the seven Provinces in the RBIM.
- Other Clean Beach activities on June 23 in Chefchaouen and June 24 in Ouezzane to raise awareness and train communes about the new bathing water quality standards and the commune's upstream sanitation impact on water quality
- The publication of an interactive CD to raise awareness about the environmental richness of the region

- The publication of an implementation manual of the Green Key certification to assist small rural tourism structures and mountain cottages in promoting responsible tourism
- A project for sustainable management and exploitation of medicinal and aromatic plants, started in June 2015. This project will preserve these natural resources, improve the extraction process and set up a RBIM label for aromatic and medicinal plants.

4. AIR AND CLIMATE

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VOLUNTARY CARBONE OFFSETTING	31

QUALIT'AIR

IN 2015, THE QUALIT'AIR PROGRAM BEGAN ITS FOURTEENTH YEAR MARKED BY THE BEGINNING OF THE ESTABLISHMENT OF REGIONAL GOVERNANCE, UNDER THE RESPONSIBILITY OF LOCAL STAKEHOLDERS.



AIR QUALITY GOVERNANCE

General study

The Foundation is examining how best to sustain the Qualit'air program that has reached its maturity. It has consequently launched a six-month study that aims to assess the current air quality management in Morocco and propose a new permanent system.

Pilot regions

A partnership was signed with the DGCL to accompany three pilot regions in local air quality governance between 2014 and 2016. It aims to set up air quality monitoring, based both on a management authority and a regional monitoring network. It also plans to educate citizens to take ownership of air quality and climate issues. In 2014, an inventory of air pollution was conducted in the region of Marrakech. It resulted in an action plan finalized in 2015. Presented at the Wilaya, it provides for the establishment of a monitoring body attached to the Regional Environment and Sustainable Development Observatory.

A memorandum of understanding for the creation of this entity will be prepared for signature. It will determine the respective responsibilities of each partner in air quality management.

Eco-epidemiological study of Greater Casablanca

Launched in November 2011, with the first interim assessment conducted in February 2013 and a second assessment in January 2014, the study concluded in 2015. The analysis results of the data collected over the two year period (November 1, 2011 - October 31, 2013) were consolidated and presented in a final report between April and May 2015. The program has evolved into a consolidation phase that follows the eco-epidemiological study. Under a new eco-epidemiological monitoring system to be established, the regional observatory is to become a relay member in the Casablanca region. A study mission will lead representatives of the Ministry of Health, the National Meteorology Directorate and the Foundation to the observatories in Paris and Marseille to learn about their experiences.

Air quality monitoring network

The Foundation's actions focused on maintaining this network. A contract was launched in February 2015 and won by Envirotec for 11 measuring air quality stations. The municipalities of the cities concerned are responsible for the necessary funding: Marrakech, Agadir, Tangier, Fes, Kenitra, Sale, El Jadida, Safi, and Essaouira. Renovation work of nine stations is complete or nearly complete in El Jadida, Essaouira, Marrakech (Mhamid, Daoudiate, Djemaa Lafna), Agadir, Salé, Fes and Tangiers. The stations in Safi and Kenitra, with neither electricity nor phone, could not be managed.

Education, Training and Awareness for Local Actors

Associations and universities were involved in the consolidation of a Qualit'air database. The Foundation intends to educate and integrate it in the proposed governance for air quality.

VOLUNTARY CARBONE OFFSETTING

THE PARTNERSHIP AGREEMENTS FOR THE VOLUNTARY CARBON OFFSET PROGRAM WERE RENEWED OR TACITLY RENEWED IN 2015.



SOLAR ENERGY FOR RURAL SCHOOLS

A major project was initiated in 2015 to install solar photovoltaic kits at 150 rural schools and 149 outbuildings (offices, school canteens and teacher housing) in the provinces of Oued Eddahab, Marrakech, Essaouira, Taroudant, El Jadida, Midelt, Taza, Berkane and Oujda. This project will prevent the emission of approximately 2,440 tons of CO₂ during the life of the project.

PALM PLANTATIONS

The program continued its palm plantations, with 2,000 plants planted in the Marrakech palm grove, on the Tamesna Royal Domain. These plantations will enable the sequestration of 2,400 tons CO₂ during the lifecycle.

TOOLS AND AWARENESS EFFORTS

To educate young people to the problem of global warming, the Foundation has developed CO₂.

CALCULATOR APPLICATIONS FOR MOBILE PHONES.

They allow mobile users to estimate the volume of CO₂ emissions related to their travel via any mode of transport (plane, car, train and bike) and those related to their individual carbon footprint (water, electricity, household waste, transportation, etc.). The application also offers them eco-actions and offsetting solutions.

DEPLOYMENT OF THE GHG ASSESSMENT TOOL FOR BUSINESSES

A multi-partnership agreement between the Foundation, MEMEE, ADEREE,

IMANOR, CMPP, and CGEM was being prepared for signature in order to implement and deploy this tool with members of CGEM that volunteer. Managem mining group was one of the first private sector groups to sign a specific agreement for the deployment and application of the GHG Assessment tool at all of its industrial sites in Morocco and Africa.

DEPLOYMENT OF THE GHG ASSESSMENT TOOL FOR TERRITORIES

The partnership agreement with the General Directorate of Local Authorities to raise awareness and support local authorities in achieving their GHG assessment and developing their Territorial Climate Plans was completed in 2015. It will be launched in 2016.

5. SUSTAINABLE TOURISM

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SUSTAINABLE TOURISM

GREEN KEY

THE GREEN KEY LABEL, INTRODUCED BY THE FOUNDATION IN 2006, FIGURES PERMANENTLY IN THE ENVIRONMENT. THE NUMBER OF SCHOOLS LABELED IS STEADILY PROGRESSING.



52

renewals, 8 new structures.

60

Green Key certified establishments

33 Hôtels

9 hotels 5 stars

7 hotels 4 stars

15 hotels 3 stars

2 hotels 2 stars

17

guesthouses

10

small structures (guest farms, cottages and hostel).

In 2015, 60 institutions received the Green Key label, including 52 renewals and 8 new establishments. 40 of these institutions were audited by external expertise.

The platform for submitting online application files designed during 2014 was fully operational in 2015. It has enabled more than 80% of the candidates to submit their application online.

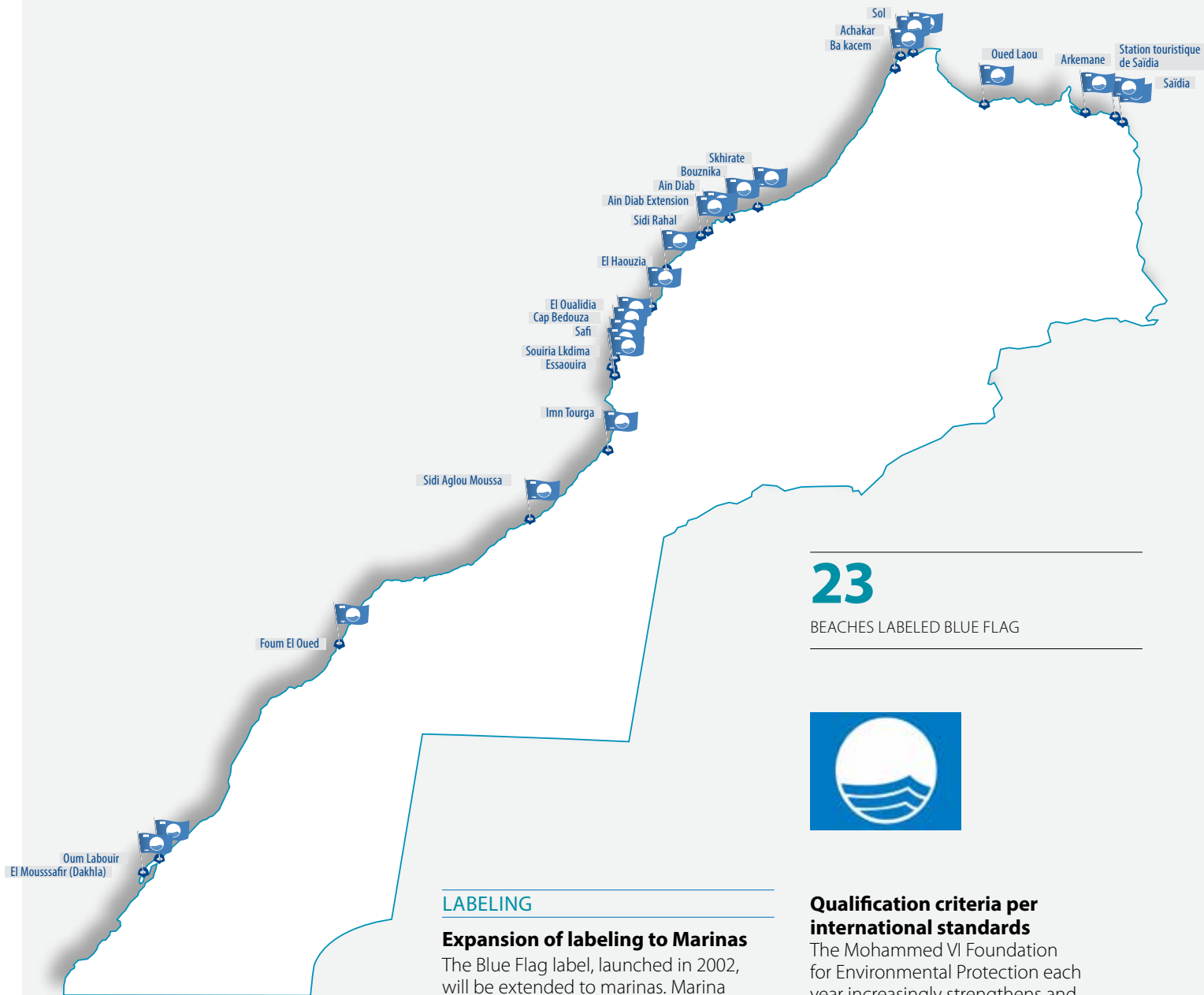
It is part of a renewed Green Key website, with a largely enhanced content.

In addition to Green Key criteria compliance indicators for institutions, the Foundation has introduced a first set of environmental performance indicators for the labeled establishments. They will measure the impact of the Green Key criteria.

These indicators relate to water (housing, green spaces), energy (electricity, gas, percentage of energy requirements

covered by renewable energy), waste (waste volume, recovered quantity), drinks and food (portion of local or regional food), and the budget allocated to social and environmental actions.

BLUE FLAG



LABELING

Expansion of labeling to Marinas

The Blue Flag label, launched in 2002, will be extended to marinas. Marina managers have expressed a sincere interest in introducing this label in the marinas. In April 2015, the Foundation, accompanied by a Spanish expert in Blue Flag labeled marinas, organized a study visit to the Kingdom's four marinas: Bouregreg, Saidia, Marchica and Agadir. A visit report was prepared for each marina and forwarded to the concerned managers, who have been invited to establish an action plan with the Foundation..

Qualification criteria per international standards

The Mohammed VI Foundation for Environmental Protection each year increasingly strengthens and structures the role of various Ministerial departments in the Clean Beaches framework, notably by improving the beaches qualification criteria according to international standards.

6. SAFEGUARDING AND DEVELOPMENT AT THE PALM GROVE OF MARRAKECH 37



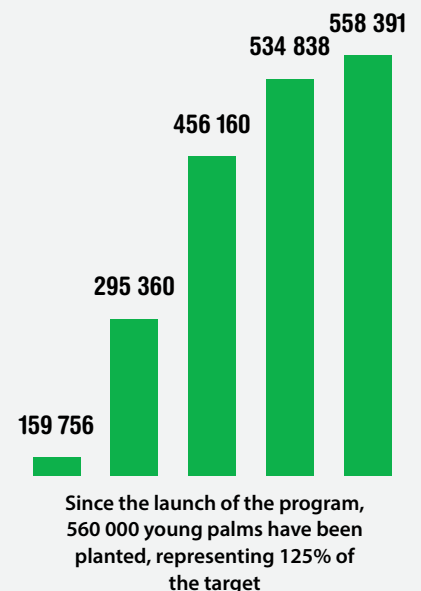
PLANTATION IRRIGATION AND MAINTENANCE

Two agreements were signed for palm grove irrigation. The first (June 2015) concerns the irrigation of palm trees using treated water from the RADEMA wastewater treatment plant. This agreement, running from 2015-2020, will mobilize 37.5 million dirhams and several partners: the Wilaya of Marrakech-Safi, Marrakesh Urban Commune, RADEMA, National Promotion, DGCL, the Public Domains, the Ministry Delegate in Charge of Environment, the Marrakech Palm Grove Observatory, and the Foundation. This project will be in two installments: the first will involve 200,000 young and adult palms over 570 hectares spread across the western part of the Oulja and Abiad area. They will be equipped over five years. Work began in April 2015 and is managed by RADEMA. The second agreement (October 2015) concerns the maintenance and irrigation of plantations within the framework

of a sustainable management plan for the palm grove during the 2015-2017 period. This agreement was signed by the Wilaya of Marrakech – Safi, the Marrakech Urban Commune, the DGCL and the Foundation, and has a budget of 12 million dirhams.

URBANIZATION MITIGATION

The mitigation of urbanization in the palm grove is based on Law No. 01-06 dated April 17, 2007 on the sustainable development of palm groves, and on the classification as a site of biological interest and ecological (SIBE) in the Northwest palm grove, launched in December 2013 under law No. 22-07 on protected areas. The first results of the classification study were presented in September 2014 and were validated by the Monitoring Committee in April 2015. They culminated in a classification proposal of 446 hectares, including a central area of high biological value covering a



78.13-hectare area.

The local classification committee consists of the Wilaya, urban commune, regional branch of HCEFLD, urban agency, RADEMA, Marrakech Palm Grove Observatory, ORMVA, the Water Basin Agency, Environment and Sustainable Development Observatory, and the Foundation.

The High Commission for Water and Forests and the Fight Against Desertification will carry out the classification process.

INCLUSION OF LOCAL POPULATIONS

Protecting the Marrakech palm grove involves the association of local populations. The Foundation thus conducts inclusion work with the population.

It first deployed its outreach and education programs. Eight palm grove **Eco-schools** have joined the program and two of them have won the international **Green Key** label. In Marrakesh in 2015, 20 facilities were certified Green Key, including three in

the palm grove: Ibis Palmeraie, Palais Namaskar, and Hapimag.

The bicycle distribution operation initiated in 2012 at the palm grove was expanded in the region. 314 bikes were distributed to children from certain Eco-Schools in the palm grove, and in the Rhamna and Haouz regions. This action was carried out with local authorities, the Marrakech Palm Grove Observatory and the Regional Academy of Education and Training.

The Foundation also signed two new agreements in 2015 to support the population living in the palm grove.

The first, signed with the OCP Foundation, provides for a sustainable development plan for local populations of the North palm grove, which is West of Marrakech. It covers the period from 2015-2017. **The second**, signed with Agrisud International — Norsys Foundation as project manager, follows the same goals during the same period. This sustainable development plan is based on agro-ecology. It aims to support farmers in the palm grove and help them generate income from agriculture, which

is indispensable to the maintenance of the palm grove, and other activities linked to agriculture such as marketing agricultural products to Green Key labeled hotels.

Thus, a study was conducted in March 2014 that enabled the establishment of a support plan for 49 farms covering 133 hectares, equal to a quarter of the farms identified by the study. 397 beneficiaries were identified. These geo-referenced plots are located around the Ouled Chaouf, Bellaguide, Sraghna Lkbir and Chlarga villages (douars). The agriculture land is located in the northwest part of the palm grove where the wetland is in the process of being classified as a site of biological importance (SIBE). It remains agricultural, but is now threatened by urbanization in the south, and is bordered by river with flooding that impacts the land.

The pilot phase of this support program started in April 2015 for two years, under the authority of the Wali of the Marrakech Safi region.

The project is based on securing agricultural activities (market gardening,



arboriculture, breeding and fodder crops), greener production methods, improved product marketing, and sustainable development awareness. The results obtained in this pilot phase enable the program to expand to the entire Northwest region.

The first project results were presented on November 26, 2015 in Marrakech, during the first meeting of the steering committee, comprised by the Wilaya, Urban Commune, Regional Directorate for Water and Forests, Urban Agency, ORMVAH, OCP Foundation, the Marrakech Palm Grove Observatory, Hydraulic Basin Agency, ADEREE, Agrisud and Norsys Foundation.

The program helped to conduct soil and water analysis, prepares development plans, and plans to mobilize subsidies under the Green Morocco Plan. A study was conducted for the sale of products from these farms to certified Green Key hotels in Marrakech.

AGROECOLOGY

397
Beneficiaries

49
Farms covering

7. HISTORIC PARKS AND GARDENS

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HISTORIC PARKS AND GARDENS

EXOTIC GARDENS



The Foundation completed its tenth year of managing the Bouknadel Exotic Gardens with positive and encouraging results. The gardens received 109,856 visitors in 2015, including 17,920 children. 312 schools and associations received a fee-based guided tour.

Infrastructure

Infrastructure maintenance is conducted regularly (irrigation system, lighting system, bridges, walkways, buildings, huts, pagoda, educational circuits, aviary and vivarium), in accordance with specifications established for the conservation and development of gardens.

The Andalusian fountain has been restored, signs updated and replaced per the original design of the founder. ONCF has delivered 800 strong wooden railway ties to renew gateways, bridges and pillars, worn by water. Staff, with assistance from seasonal workers, regularly maintains the green areas (weeding, planting, watering and size). The collection of exotic birds has been enriched by the birth of various ducks,

golden pheasant, lovebirds, diamond doves and finches. This year about one hundred Koi carp also hatched.

Educational activities

An educational garden was carried out on a plot to cultivate organic vegetables and herbs for visitor education. An area specially dedicated to the initiation of gardening has been developed to accommodate groups interested in this activity.

The educational program has been deployed with ASAJEB: photo contests, introductory gardening courses, painting competitions and demonstration of traditional distillation of orange blossoms and aromatic plants. Thirty young people participate in all three competitions. Three are selected by the jury to receive one of three prizes reserved for the best work by participants at each event. The first award is presented on behalf of the Foundation, the second on behalf of the Salé Prefecture, and the third the name of Exotic Gardens.

109 856

Visitors in 2015

Development

Moreover, a contractor has completed the development of the adjoining land made available to the Foundation by the Prefectural Council. The Foundation selected an architectural firm and is finalizing construction plans, for which the administrative documents are now being processed.

GHABAT CHBAB



180 ha

within the city of Marrakech

Ghabat Chbab or the Independence Grove, with 180 hectares within the city of Marrakech, is a wonderful green space that the Foundation has undertaken to rehabilitate with its partners to open to city residents and visitors. The current state of the site indeed does not permit Marrakech residents and visitors to enjoy this great space.

In 2015, this rehabilitation process focused on preparing for the work. An overall project was developed for the development site. Two major components are the olive grove and an

urban activity space, with sports fields, a playground, a park and two areas for event organization for the city, such as temporary exhibition gardens. The work should start in 2016.

8. SITES AND PORTALS

SITES AND PORTALS

44



SITES AND



CLEVERTE.MA

The ergonomics of the Green Key portal has been improved to facilitate access to the most requested topics based on traffic statistics, readjusting the home page and enriching the content (good practices, news). The application management app has also been updated. Finally, the Foundation has developed a responsive version of the Green Key portal, which adjusts the format depending on the playback media (computer, tablet, smartphone).



ECOECOLES.MA

The EcoEcoles.ma portal now has a "Teaching Tools" page where visitors will find the tools made by the Foundation, including interactive games for the Eco-Schools program, the Marchica lagoon, the Oued Eddahab Bay and the 7 Step Guide. An interactive map for the 2nd National Days of the Coast, which presents the geographic location of each school and the activities (video, photos, etc.) achieved, was posted on the Eco-Schools site.

FM6E.ORG

Expansion of the CO2 calculator

An extension of the CO2 calculator was made for other modes of transport, including trains and motorcycles, as well as the calculation of the individual carbon footprint.

PORTALS



JRE. MA

The Young Reporters for the Environment (JRE) portal made a tool available to young secondary school students that has been updated and adapted to their needs, helping to attract and encourage them to enroll in the program. This portal proposes a training guide for journalistic techniques and an award-winning e-paper.



PLAGESPROPRES. MA

The portal has been enriched with videos on sustainable development activities, the collection of good practices for awareness of animation on the beach, and a game and an interactive quiz with the Boundifs characters.



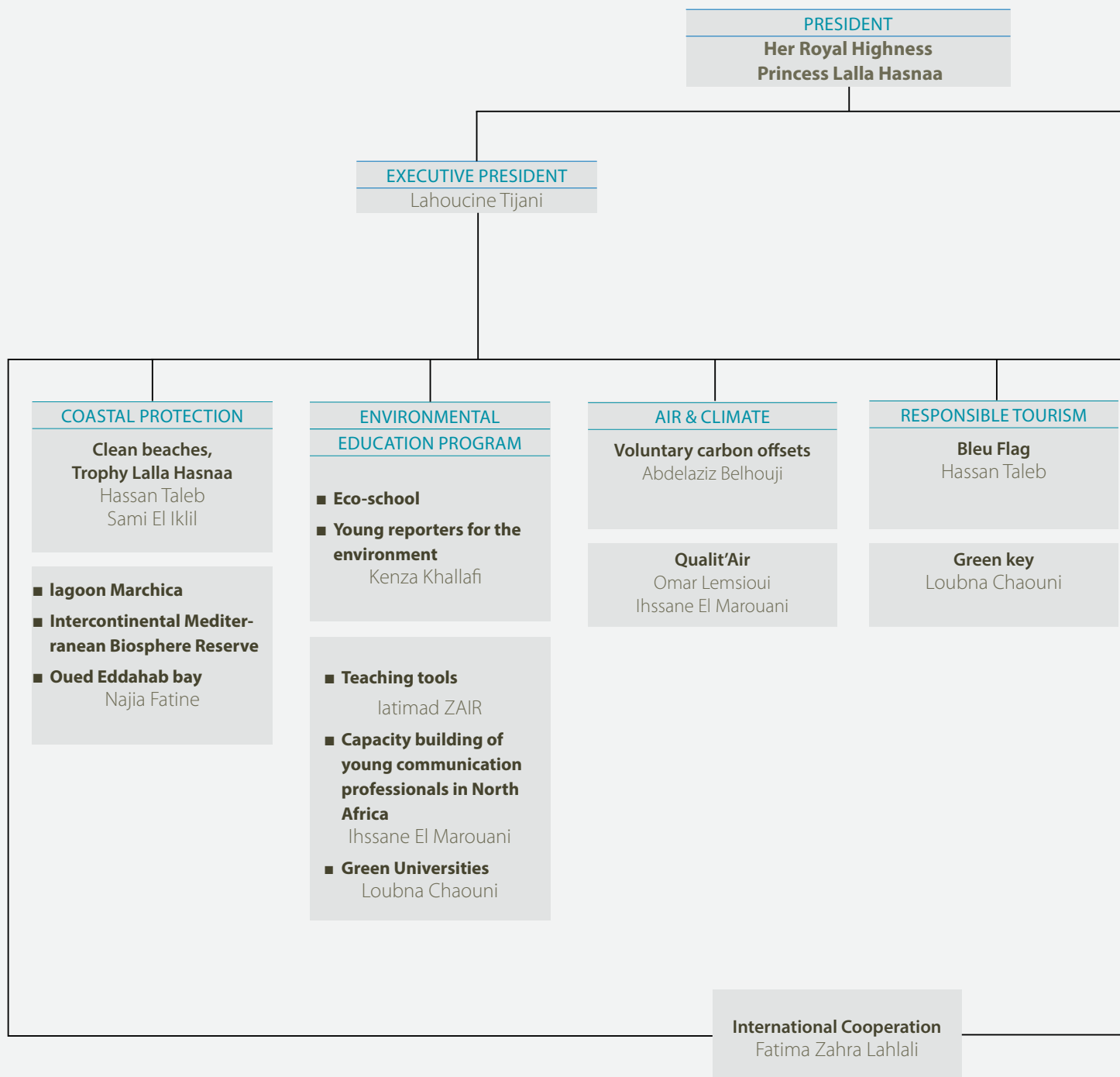
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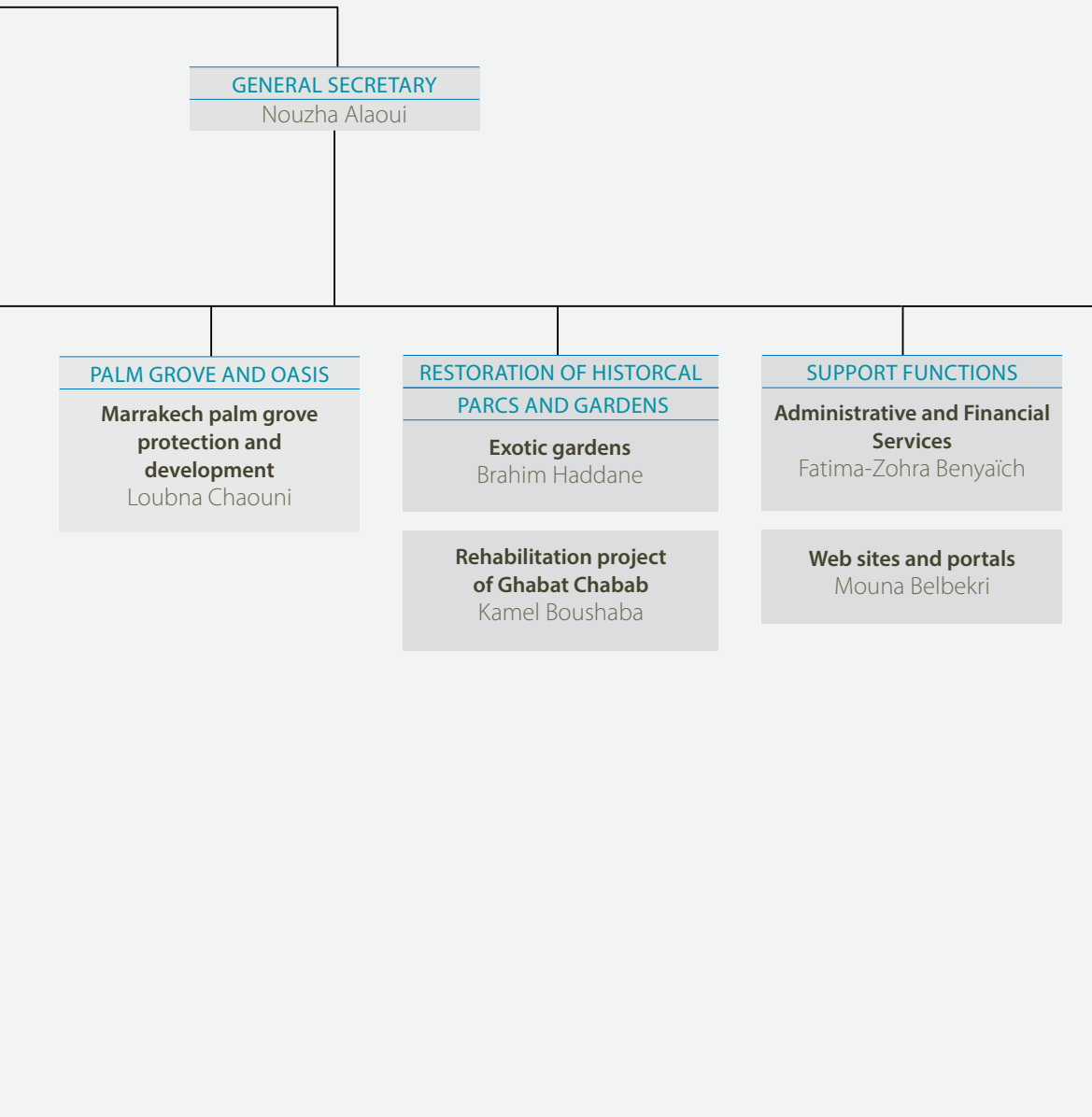
Each year the jardinsexotiques.com portal presents the annual educational program activities, widely illustrated with photos. Lastly, the adapted version of the exotic gardens site was developed (format adjusted to the playback media: computer, tablet, smartphone).

9. APPENDICES

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ORGANIZATION





BOARD OF DIRECTORS



January 21, 2016 : HRH Princess Lalla Hasnaa chaired in Rabat the Board of Directors of the Mohammed VI Foundation for Environmental Protection.

President

**Her Royal Highness
Princess Lalla Hasnaa**

Executive President

Lahoucine Tijani

General Secretary

Nouzha Alaoui

Founding Members

CGEM
OCP
ONEP
Royal Air Maroc
BMCE Bank
GPBM
Akwa Group
Maroc Telecom
Cooper Pharma
Shem's
ONA Fondation
ONE

ANP
ONMT
BCP
Holmarcom
Samir Mohammédia
Association Professionnelle
des Cimentiers du Maroc

Permanent Members

Ministry of Energy, Mines,
water and environment
General Directorate of local
Authorities(DGCL)

PARTNERS

- Maroclear
- HOLMARCOM Group
- Veolia Environnement Group
- JAMAI
- French Development Agency
- French Global Environment Facility
- CGI Company
- Caisse de Dépôt et de Gestion Foundation
- Banque Populaire for Education and Culture
- Anapec
- Agency for Promotion and Economic and Social Development of the Oriental Lyonnaise des Eaux de Casablanca (Lydec)
- Agency for Promotion and Economic and Social Development of the prefectures and Southern Provinces of the Kingdom
- MedZ
- Agency for the Development of the Bouregreg Valley
- Suez Environnement
- Tangier Mediterranean Special Agency
- Al Omrane
- Nestlé Morocco
- Agency for Promotion and Economic and Social Development of prefectures and Northern Provinces of the Kingdom
- United Nations Programme for Development (UNDP)
- United Nations Environment Programme (UNEP)
- Amendis Tangier-Tetouan
- Amendis - Tetouan
- Office National of Railways (ONCF)
- Morocco Credit Agricole
- Foundation for Environmental Education (FEE)
- Environment Agency and Energy Management (ADEME)
- Autoroutes du Morocco
- Barid Al Maghrib
- Ciments du Maroc
- Groupe Mutuelle Agricole Marocaine d'Assurances (MAMDA) / Mutuelle Centrale Marocaine d'Assurances (MCMA).
- CDG Foundation
- Development Society Lagoon Marchica MED
- GIZ-German Development Cooperation
- ADDOHA Group
- UNESCO
- ISESCO
- National Airports Authority (ONDA)
- SNEP
- AMEE
- Fédération National Scouting in Moroccan
- Jorf Lasfar Energy Company (TAQA)
- Agnelli Foundation
- Asment Temara
- BMCE Bank Foundation for Education & Environment
- Marsa Morocco
- Islamic Culture Foundation (FUNCI)
- National Institute for Agricultural Research
- Embassy of the Kingdom of the Netherlands
- Imperial Tobacco Morocco
- REDAL
- Lafarge Morocco
- Grouping of Morocco Oil tankers
- High Commission for Water, Forests and the Fight against Desertification
- Fourtou Foundation
- National Society of Television and broadcasting
- Royal Moroccan Federation of Yachting Sail
- Moroccan Federation of Societies Insurance and Reinsurance
- National Institute of fisheries Research
- Office of Vocational Training and Promotion of Work (OFPPT)
- Societe Generale Marocaine des Banques (SGMB)
- Théolia
- IDB
- International Union for Conservation of Nature
- Observatory Palm Grove Marrakech
- General Confederation of Enterprises of Morocco (CGEM)
- Cherifian Office of Phosphates (OCP)
- National Office of Water and Electricity (Onee)
- National Ports Agency (ANP)
- Royal Air Morocco
- Groupement professionnel of Morocco's Banks (GPBM)
- Akwa Group
- Maroc Telecom
- Cooper Pharma
- Shem's
- ONA Foundation
- Moroccan National Office of Tourism (ONMT)
- Prince Albert II of Monaco Foundation
- Banque Centrale Populaire (BCP)
- SAMIR
- Professional Association of Morocco Cimentiers (APC)
- General Directorate of Local Authorities (DGCL)
- Ministry of Energy, Mines, Water and Environment (MEMEE)
- Ministry of Education
- National Association of Coastal Elected
- Permanent Secretariat WEEC
- Action Plan for the Mediterranean
- Conservatory of Coastline
- Spanish Agency for International Cooperation (AECDI)
- Water Agency (RMC)
- Secretariat of the United Nations for Change Climate
- Mairie of Elche
- Agrisud International
- Foundation Norsys
- MIOECSDE
- Citibank
- Fédération Nationale de l'Industrie Hôtelière
- CIH
- BMCI
- Attijariwafabank
- Holcim
- Institut Agronomique et Vétérinaire Hassan II
- Ministère de l'Equipement, du transport et de la Logistique
- RMA WATANYA
- Méditel
- Groupe Jamain Baco
- Vivo Energy Morocco
- Observatoire National des Droits de l'Enfant
- Prix « Green Apple »
- Association des Enseignants des Sciences de la Vie et de la Terre
- RADEEMA
- Sony ericsson
- Alcatel
- Saïdia Development Company
- ECOSOC
- FAD
- ALSTOM Foundation



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