

Annual Report 2019



مؤسسة محمد السادس لحماية البيئة

FONDATION MOHAMMED VI
POUR LA PROTECTION DE L'ENVIRONNEMENT
www.fm6e.org

“

Nothing can be built for the future today that does not come from this youth. We need to help them. We want to help them imagine and build the world in which they will live tomorrow.

”

“

We are convinced that, by setting our ambition high, we stir people's consciences as deeply as possible.

”













Excerpt from the introductory word of the Board of Directors meeting of the Foundation held in 2019.



Her Royal Highness Princess Lalla Hasnaa

President of the Mohammed VI Foundation for Environmental Protection

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HIGHLIGHTS 2019

INAUGURATION OF THE HASSAN II INTERNATIONAL CENTER FOR ENVIRONMENTAL TRAINING – BOUKNADEL

BOUKNADEL, JUNE 18, 2019



The Hassan II International Center for Environmental Training was officially inaugurated on Tuesday 18 June 2019 by **HRH Princess Lalla Hasnaa**. The Center is a project initiated and championed by the President of the Foundation. The Board of Directors of the Foundation approved the idea of its inception in 2016 and has regularly supported its development since then. Today, it is the academic and operational arm of the Foundation, tasked with the mission of environmental education and awareness-raising.

AN EXEMPLARY ENVIRONMENTALLY FRIENDLY BUILDING

As an environmentally friendly building, the Center was awarded two of the five prizes at the National Green Solutions Awards 2019: the first in the "Energy and Warm Climates" category and the second for the "Internet Users' Favourite Choice". The Centre received these two awards on Wednesday 2 October 2019, at the Hotel Farah of Casablanca.

The Green Solutions Awards contest is organized by the EMC Cluster, Construction21 network of Morocco, and the international Construction21 network. It showcases exemplary, (new or renovated) buildings, districts and infrastructures offering sustainable solutions to fight global warming in order to encourage professionals to adopt green solutions.

The Foundation is working to create a repository for green construction based on the experience developed at the Center.

UNITED NATIONS CLIMATE ACTION SUMMIT NEW YORK CITY

NEW YORK, SEPTEMBER 23, 2019



ADDRESS BY HM KING MOHAMMED VI

Her Royal Highness Princess Lalla Hasnaa delivered a message on behalf of His Majesty King Mohammed VI at the Climate Action Summit held on Monday 23 September 2019 at the United Nations Headquarters in New York City. His Majesty urged the world community to consider the rapidly deteriorating environment a priority for collective action. Heads of States and Ministers from around the world took part in this international meeting to mobilize for Climate Action.

THREE HIGH-LEVEL MEETINGS

While in New York City, Her Royal Highness Princess Lalla Hasnaa met with the Executive Secretary of the United Nations Framework Convention on Climate Change (UNFCCC), Ms. Patricia Espinoza, who welcomed the launch by HRH Princess Lalla Hasnaa of the African youth platform for climate (the African Youth Climate Hub), a major initiative aimed at mobilizing the voices of youth from the Global South to address Climate Change.

Her Royal Highness Princess Lalla Hasnaa also met the Director-General of UNESCO, Ms. Audrey Azoulay, with whom she discussed the place of the environment in education. Ms. Azoulay also underlined the commitment of the Mohammed VI Foundation for Environmental Protection. UNESCO and Morocco are working together on issues of environment, climate and sustainability, and are bound by a partnership agreement.

Her Royal Highness Princess Lalla Hasnaa met Mr. Achim Steiner, Administrator of the United Nations Development Programme (UNDP). This meeting focused on the work and programmes of UNDP in the Kingdom and the partnership with the Mohammed VI Foundation for Environmental Protection.



AFRICAN YOUTH CLIMATE HUB: MOBILIZING YOUTH FOR CLIMATE

The Foundation and three of its partners, the OCP Group, the Mohammed VI Polytechnic University and the YOUNGO Network, an official group representing youth and children at the United Nations Framework Convention on Climate Change, launched the African Youth Climate Hub initiative, on the occasion of the Climate Action Summit convened by the United Nations Secretary General in September 2019.

A dozen young ambassadors, including a 16-year-old young girl, came to explain this ambitious initiative to the plenary session of the United Nations Secretary General's Youth Climate Action Summit in New York City.

This initiative aims to amplify the voice and action of young people. This project for young people and by young people is intended to be a space for exchange and concrete support for young Africans, both in terms of skills and knowledge and in terms of entrepreneurship and employment opportunities.

Two main aspects are developed to support and include youth. First, a physical aspect: the Hassan II International Center for Environmental Training, and secondly a digital aspect: an online platform designed to meet the needs expressed by young people and highlight their expertise.

The African Youth Climate Hub, whose web platform was launched at the end of 2019, was also presented at several events during COP 25 in Madrid, and on 22 December at the 8th African Students and Youth Summit held in Rabat. Partners of the Foundation or international institutions such as OECD, UNESCO, UNFCCC and the All-Africa Students Union have expressed their wish to support the initiative.

TWO YRE IN NEW YORK CITY

The Foundation sent two Young Reporters for the Environment to take part in the Youth Climate Summit, organized on Saturday 21 September 2019 in New York City on the side-lines of the «Climate Action Summit».

Sixteen-year-old Manal Bidar, a student from Agadir, and twenty-year-old Meryem Hdia, a female student from Dakhla, joined other young people from around the world that came to New York City to challenge world leaders on a crucial issue for mankind and the planet. By forming an international network within a global platform, the young people intend to influence these issues to which they are particularly exposed.

LALLA HASNAA SUSTAINABLE COAST TROPHIES

BOUKNADEL, NOVEMBER 13, 2019



Her Royal Highness Princess Lalla Hasnaa presided over the Award Ceremony of the Third Edition of the Lalla Hasnaa Sustainable Coast Trophies on Wednesday 13 November at the Hassan II International Center for Environmental Training. The Trophies rewarded the 24 best initiatives in favour of the coastline to which the Foundation is committed.

To ensure the success of the Third Edition, the Foundation implemented new measures.

REMOTE MANAGEMENT OF APPLICATIONS

For the second consecutive edition, the management of applications was done on a dedicated internet platform, which facilitated the applications and the work of the jury by allowing for remote evaluation, thus avoiding in-person meetings as much as possible. By saving the use of paper and avoiding travel for the submission of applications and meetings of jury members, the Foundation adopted an environment-friendly approach in line with the values it advocates.

NETWORKING AND COMMUNICATION

An exchange platform enabled partners and associations to get to know each other and share their know-how and best practices. A mailing campaign was launched to encourage participation and another, digital, campaign was conducted on YouTube, Facebook and Instagram.

Finally, the Foundation launched the first edition of the Sustainable Coast Trophies event with the local authorities, non-governmental organizations and academia, to help them bring out innovative actions and projects, conduct them professionally and bring them to fruition.

PROGRESS

Thanks to this new arrangement, the Foundation has managed to more than double the number of projects applying for the Trophies, with 120 applications compared with 55 in the previous edition.

Complete List at www.tropheeslittoral.ma

THE FIVE CATEGORIES OF THE SUSTAINABLE COAST TROPHIES

- Education and Youth
- Sharing and Life Conditions
- Clean Beach Program
- Protecting and enhancing Natural Heritage
- Social and Environmental Responsibility of Organizations

INTERNATIONAL CONVENTIONS



UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE (UNFCCC)

The Foundation has deepened its collaboration with UNFCCC in 2019. Historically, Action for Climate Empowerment (ACE), which focuses on "education, training, public awareness, public participation, public access to information, and international cooperation on these issues", has been the main focus of cooperation between the Foundation and UNFCCC. As such, the Foundation participated in the 7th Edition of the ACE dialogue in Bonn (Germany) in June 2019 where it presented its global mission in education for sustainable development, its work in capacity building for trainers as well as concrete examples of its activities.

Furthermore, the Foundation was also active in Accra (Ghana) in March 2019 for the Africa Climate Week organized by the UNFCCC through several events including a plenary session where the Nominator phase of the Mohammed VI Prize for the Climate and Sustainable Development was launched.

The Foundation was also an active stakeholder in several UNFCCC organized dialogues and events throughout the year on the Marrakech Partnership for Global Climate Action.

Finally, the Foundation took part in many side events during COP 25 in Madrid in December 2019.



UNITED NATIONS ECONOMIC AND SOCIAL COUNCIL (ECOSOC)

The Mohammed VI Foundation for Environmental Protection has prepared and submitted its quadrennial report for the period 2015-2018, a necessary procedure for the renewal of its Special Consultative Status with ECOSOC. The Foundation obtained this status for the first time on 20 July 2015 and present in 2019 its renewal for another four years (2020-2023).

This Special Consultative Status allows the Foundation to participate in ECOSOC activities and UN conferences as it did at the Conference on the Global Compact of Migration in December 2018 in Marrakech, and the Global Pact for the Environment meeting in January 2019 in Nairobi. The Foundation was also an active stakeholder during the ECOSOC Youth and Partnership Forums in April 2019 in New York City.



UNITED NATIONS ENVIRONMENT PROGRAMME (UN ENVIRONMENT)

A draft partnership agreement is in the process of being signed between the Foundation and UN Environment for the period 2020-2023. The MEMORANDUM OF UNDERSTANDING includes:

- Promotion of environmental education and awareness on key environmental issues including but not limited to air quality, sustainable mobility, renewable Energy, climate change impacts, management of coastal and marine environment;
- Capacity building and multi-target training through E-Learning platform of African journalists on environment and sustainable development and other potential actors of change, youth, educators and general public;
- Promotion and development of the Youth Education Alliance in Africa through the Hassan II International Center for Environmental Training.
- Development of a South-South and Triangular Cooperation in the context of the above areas of cooperation, with a specific focus on African Non-Governmental Organizations



UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)

A draft partnership agreement is in the process of being signed between the Foundation and UNDP for the period 2019-2022. The draft protocol includes:

- The promotion of education for sustainable development, awareness raising, knowledge sharing and training, particularly in Africa, on key issues such as air quality, sustainable mobility, climate change, coastal and marine management and ocean sustainability;
- The development of environmental education, in keeping with the Sustainable Development Goals (SDGs), in close collaboration with the Hassan II International Center for Environmental Training as a regional hub, particularly in Africa;
- The development of activities and tools related to the Mohammed VI Prize for the Climate and Sustainable Development;
- The development of partnership platforms to involve socio-economic actors in the environment and the monitoring of progress in the implementation of Sustainable Development Goals (SDGs), including at local level;
- Collaboration in raising awareness of the private sector on environmental issues, including through the local UN Global Compact network;
- The establishment of triangular cooperation between the Foundation, UNDP and African countries, aimed at strengthening the South-South partnership.



THE GOI PEACE FOUNDATION

The Foundation is a partner of the Goi Peace Foundation with which it has signed a Memorandum of Understanding for the period 2017-2020.

Through its community of Young Reporters for the Environment, the Foundation participated in the annual Essay Contest organized by the Goi Peace Foundation to encourage young people to use their energy, imagination and action to promote a culture of peace and sustainable development. The contest is part of UNESCO's Global Action Programme on Education for Sustainable Development (ESD).

The year 2019 coincided with the 20th Edition of this contest.

The theme of this year's contest was «Creating a Society Full of Kindness». More than 20,657 contributions were received from 157 countries. The First Prize was awarded to a 14-year-old from Nigeria in the Children's Category and a 21-year-old from Russia in the Youth Category.

Fatima Ezzahra Fattoukh, a fourteen year old reporter from the Mokhtar Soussi junior high school in Sidi Bennour, received an «Honourable Mention» for her essay entitled «Harmony of Living Together». She was competing with 25 winners in the Children's Category (up to 14 years). In December 2019, she received a certificate and a gift from the Goi Peace Foundation

INTERNATIONAL EVENTS

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)

 **HANOI, JULY 2-3, 2019**

The Foundation participated in the UNESCO Forum on Education for Sustainable Development and Global Citizenship on 2-3 July 2019 in Hanoi, Vietnam. As a follow-up, the Foundation also participated in the Global Action Programme (GAP) Partner Networks meeting held from 4 to 5 July on "Learning and Teaching for Peaceful and Sustainable Societies: From early childhood to primary and secondary education".

The Foundation is a key partner in this Global Action Programme (GAP) for capacity building of teachers and teacher trainers, whose first phase (2015-2019), ended this year. UNESCO has developed a new framework entitled « Education for Sustainable Development: Towards the achievement of Sustainable Development Goals » by 2030. This new framework will be officially launched on the side-lines of the UNESCO World Conference on Education for Sustainable Development.

SOONG CHING LING CHINESE FOUNDATION

 **RABAT, NOVEMBER 12, 2019**

Her Royal Highness Princess Lalla Hasnaa received Mr. Wang Jiuari, President of the Soong Ching Ling Foundation of China, in Rabat on Tuesday 12 November 2019. This visit followed the Mohammed VI Foundation's visit to China in June 2019 to reach out to environmental education and training organizations and to forge cooperation ties. Mr. Wang Jiuari and his delegation also visited an Eco-school at Allama Ibn Abdenbi School, in the province of Salé, on Wednesday 13 November 2019.

The Mohammed VI Foundation for Environmental Protection is working to establish relations with China and is laying the foundations for cooperation in Education for Sustainable Development with the Soong Ching Ling Foundation, which also has a Special Consultative Status with the UN Economic and Social Council (ECOSOC).

The two Foundations are preparing a memorandum for 2020 to promote environmental education among young people and to develop their autonomy to enable them to cope with climate and environmental challenges. The memorandum of cooperation is considering the creation by the Soong Ching Ling Science & Culture Centre for Young People and the Hassan II International Center for Environmental Training of a Sino-Moroccan platform for environmental education for young people and for the promotion of practical collaboration in this field.

YRE AT THE WOMEN'S FORUM

 **KYOTO, JUNE 26-27, 2019**

Two YRE and their mentors took part in the Women's Forum for Economy and Society held on June 26 and 27 at Kyoto University in Japan. This participation was an opportunity for these two young people to share their experiences and opinions with other young people from different countries around the world on key environmental and climate issues. At the Women's Forum, more than fifty high-level women leaders from the G20 countries discussed the main levers for accelerating climate action, including gender equality and the promotion of women as key actors for the success of many environmental solutions.

STUDENTS FROM STANFORD AT THE HASSAN II INTERNATIONAL CENTER FOR ENVIRONMENTAL TRAINING

 **CIHFE, SEPTEMBER 3, 2019**

A group of students from the prestigious California University of Stanford (San Francisco) visited the Hassan II International Center for Environmental Training on Tuesday 3 September 2019. These young future engineers came to Morocco as part of a study trip. They were able to appreciate how the Foundation has reconciled sustainable construction, energy efficiency, natural resource management and environmental impact, which amounts to a real case study.

VATICAN YOUTH SYMPOSIUM 2019

 **ROME, OCTOBER 15-16, 2019**

The Foundation participated in the Youth Symposium held from 15 to 16 October 2019 in the Vatican, an international event organized by the Pontifical Academy of Sciences in partnership with the "United Nations Sustainable Development Solutions Network (SDSN) – Youth Initiative".

The event aimed to train young leaders, entrepreneurs and actors in global development and seeks to generate revolutionary ideas for sustainable solutions.

The Foundation presented the Hassan II International Center for Environmental Training and the African Youth Climate Hub at this event.

The Symposium also announced the launch of the pilot phase of the « Global Schools Programme » in three countries: Morocco supported by the Foundation, Ghana and Turkey. This programme aims to map Sustainable Development Goals, the 21st century skills and global citizenship in Moroccan school curricula. At the end of the project, this exercise will provide schools and teachers with the necessary and appropriate tools and resources to educate their students on these concepts.

AIR QUALITY TRAINING MISSION IN MARSEILLE

 **MARSEILLE, NOVEMBER 26, 2019**

In the framework of cooperation with Eryvea and AtmoSud, a Moroccan delegation was sent on a mission to Marseille on 26 November 2019. The delegation included representatives from the Ministry of the Environment, Mining and Energy, the National Meteorological Department, the General Directorate of Local Government, and the Mohammed VI Foundation for Environmental Protection.

The mission provided an opportunity to exchange on the actions carried out on both sides of the Mediterranean to improve air quality. The Moroccan delegation was informed of French know-how and expertise in this field.

ATELIER SUR LE LANCEMENT DE LA DÉCENNIE DES NATIONS UNIES POUR LES SCIENCES OCÉANQUES AU SERVICE DU DÉVELOPPEMENT DURABLE

 **VENISIA ITALY, DECEMBER 11-12, 2019**

The objective of the workshop was to present the new framework on « ocean knowledge » in the context of the United Nations Decade of Ocean Science for Sustainable Development (2021-2030).

The workshop also provided an opportunity to exchange on projects carried out by NGOs, universities, public and private actors to raise awareness among citizens and policy-makers of the close relationship between the survival of mankind and the health of the ocean.

The Foundation was invited by the UNESCO Regional Office for Science and Culture in Europe and the Intergovernmental Oceanographic Commission (IOC) of UNESCO to speak at this workshop to present its Coastal Protection Programme, the Lalla Hasnaa Sustainable Coast Trophies and tools for raising awareness on coastal protection. The Foundation highlighted its #b7arblalpastic campaign (plastic-free beaches) carried out with several partners.

Following this workshop, the Foundation contributed to the consultation of the draft roadmap on « Ocean Knowledge » to be launched on the side-lines of the UNESCO World Conference on Education for Sustainable Development.

10TH EDITION OF THE WEEC

 **BANGKOK, NOVEMBER 3 TO 7, 2019**

The 10th Edition of the World Environmental Education Congress (WEEC) took place from 3 to 7 November in Bangkok (Thailand) at the International Trade and Exhibition Centre (BITEC), under the theme of « Local Knowledge, Communication and Global Connectivity ». This international conference is held every two years to take stock of Education for Sustainable Development as it is provided to students from the youngest to the highest levels of education.

WEEC 2019 offered the 500 participating delegations the opportunity to learn about the latest developments in ESD and to interact with participants from all over the world. The Foundation presented its work and promoted the Hassan II International Center for Environmental Training and the African Youth Climate Hub. It also reported on the commitments made in the Marrakech Appeal to WEEC 2013 that it had co-organized. Finally, the Foundation delivered the opening speech.

COP25

 **MADRID, DECEMBER 2 TO 14, 2019**

The 2019 Madrid Climate Change Conference took place from 2 to 14 December 2019 in Madrid, Spain, under the presidency of Chile.

The Foundation organised an Official Side Event on the "African Youth Climate Hub" in partnership with YOUNGO, University Mohammed VI Polytechnic University and OCP Group. The Foundation also spoke, moderated or chaired more than a dozen side events during COP 25 with partners such as UNFCCC, UNESCO, the United Nations University, the Paris Committee on Capacity Building, among others.

The Foundation focused its interventions on topics of interest for each event as well as systematically the Hassan II International Center for Environmental Training and the African Youth Climate Hub.

THE HASSAN II INTERNATIONAL CENTER FOR ENVIRONMENTAL TRAINING

Hassan II International Center for Environmental Training is the academic arm of the Mohammed VI Foundation for Environmental Protection. The Center is at the heart of the deployment of the Foundation's educational activities, awareness-raising activities and strengthening capabilities.

The Center produces the educational corpus in close collaboration with the foundation's programmes and deploys training, on-site or distance training.

Since this year, the Center has integrated the development all educational tools as well as all Education for Sustainable Development programmes initiated by the Foundation.

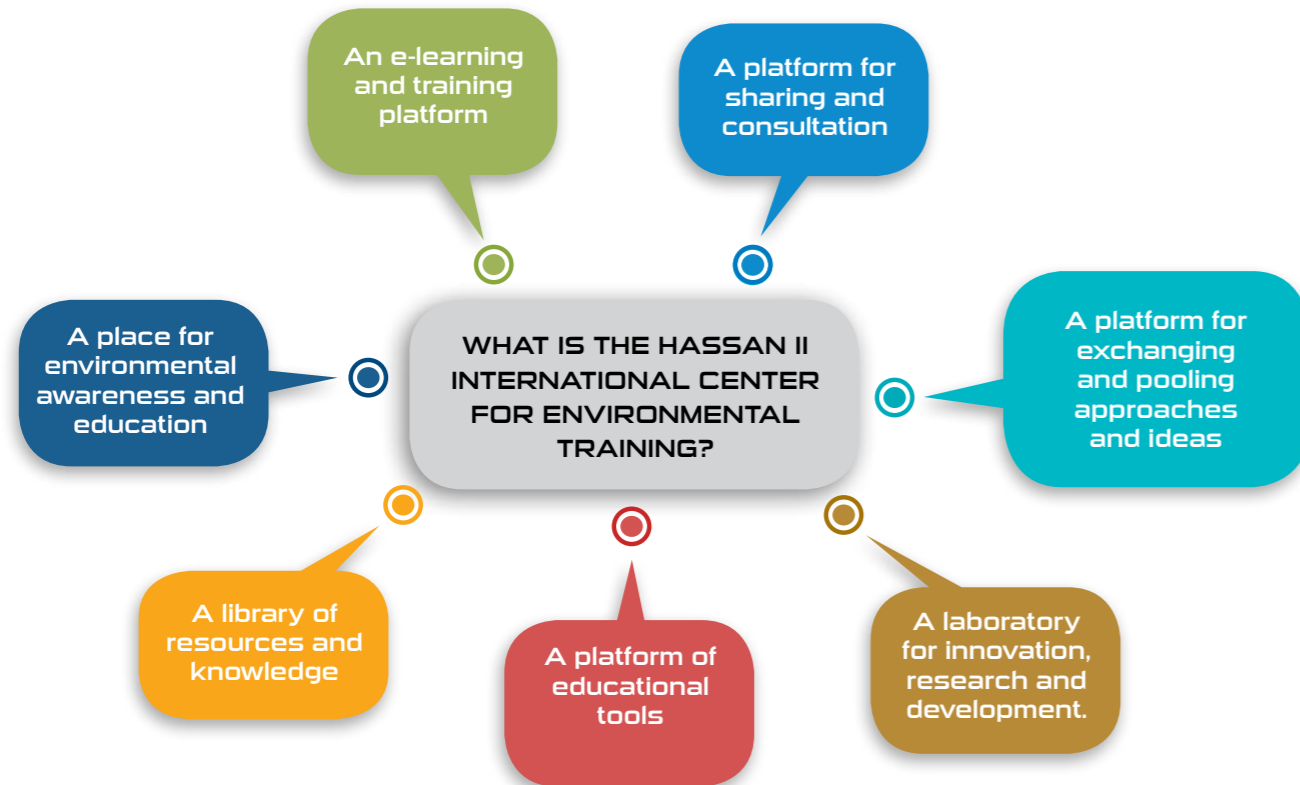
THE CENTER IS THE ACADEMIC ARM OF THE FOUNDATION IN SUPPORT OF ITS PROGRAMMES.

The Center produces awareness and education tools needed by the Foundation's programmes for their actions.

The opening of the Hassan II International Center for Environmental Training in 2019 marked eighteen years of the Foundation's commitment to the environment. Created on the initiative of its President, the Centre today enables the Foundation to considerably boost its influence in environmental education and awareness.

The Centre has been tasked with four main missions:

1. Raise awareness, disseminate environmental information and education for the benefit of all sections of the public, particularly young people;
2. Provide training and capacity building;
3. Promote citizens' sense of initiative and innovation for the benefit of the environment;
4. Mobilize national and international actors.



- 6,000 A plot of land of 6000 m²
- 1,800 A built area of 1800 m²
- 4 Multi-purpose training rooms with 10 seats on the ground floor
- 175 Plenary room with 175 seats
- 4,200 Gardens and parking lot on 4200 m²
- 4 Multi-purpose training rooms with 30 seats on the garden level



A TOOL FOR AWARENESS-RAISING AND EDUCATION

The Center was conceived and designed to disseminate environmental knowledge to all components of society. It offers many avenues for access to knowledge of sustainable development issues: educational tools and connected platforms, in situ or on-line thematic training, spaces dedicated to children, training and conference rooms ...

The Center is also a place for in-depth study, reflection and debate, offering its infrastructure to all those acting in favour of the environment, including civil society, institutions, researchers, organizations, to get their message and action across.

The Center relies on the most recent communication and learning technologies particularly distance learning, to increase the scope of its intervention. Thanks to its innovative and experimental approach, the Center offers young people the opportunity to explore new avenues of learning..

BOX INCLUDING A LIST OF THE KEY WORDS OF THE CENTER



THE FOUNDATION, A RESPONSIBLE ASSOCIATION



Certified as a « Responsible Association » on 7 December 2014 by the international agency VIGEO, the Mohammed VI Foundation for Environmental Protection intends to carry out its action in an exemplary manner.

To this end, it has adopted a CSR Charter encompassing the following principles:

- **Mobilize** under the motto « ALL FOR THE ENVIRONMENT » to prevent environmental nuisances, preserve and restore the balance of natural environment;
- **Cooperate** with all those of goodwill: schoolchildren, junior and senior high school pupils, students, teachers, researchers, citizens, associations, businesses, administrations and local government;
- **Act** independently and effectively, not for profit, in compliance with legislation, continuously evaluate and improve its programs, adopt rigorous administrative and financial management, and transparent governance;
- **Ensure** that its partners refrain from any action detrimental to the Foundation's commitments or to its image in Morocco and abroad;
- **Refrain** from, and engage its partners to refrain from, any form of disrespectful, discriminatory or violent conduct, to ensure the prohibition of all forms of corruption, the prevention of conflicts of interest, and any direct or indirect, public or private involvement in any action likely to deliberately damage the environment or denigrate the universally accepted principles and objectives of environmental protection, respect for human rights and sustainable development.

Members, directors, leaders, partners and collaborators of the Mohammed VI Foundation for Environmental Protection have committed themselves in writing to respect the Charter of social and environmental responsibility of the Foundation.



The Foundation has received the certificate of responsible Association from the international Vigeo

During 2019, the Foundation carried out a series of tangible actions as part of its social responsibility, such as:

- Saving paper by raising awareness among its collaborators about printing, by making individual printers available and by drawing up reports of individual print-outs,
- Water savings through the use of pressure reducers and monthly monitoring of consumption,
- Sorting of waste, which is collected by a specialized recycling company,
- Reducing waste at source by limiting packaging, especially plastics. Plastic water bottles have been replaced by glass bottles,
- Energy savings with the widespread use of low-energy light bulbs and monthly monitoring,
- A responsible purchasing policy applied to all suppliers.

CLEAN BEACHES

Under the banner of the fight against plastic pollution
#BHARBLAPLASTIC



For its 20th edition, the Clean Beaches programme has further broadened the scope of its concerns by including, through a campaign to combat plastic pollution on beaches and the protection of the oceans, which play a major role in combating global warming. The Foundation's programme is thus in line with the overall work of protecting the coastline.

In 2019, the Foundation adopted a « Seas and Oceans » Strategy to fight against ocean pollution. To this end, it implemented an ongoing awareness-raising campaign to contribute to the emergence of informed and committed citizens for their protection, since technological solutions are currently powerless in coping with the immensity of the sea.

The Foundation has thus generated a strong dynamic and an atmosphere of collective emulation within a synchronized and well-equipped action.

OPERATION #B7ARBLAPLASTIC

To ensure the success of the #b7arblaplastic operation, the Foundation has secured, together with its partners, the necessary means to fulfil its ambitious action. It equipped itself with communication, organization and coordination tools.

In recognition of the crucial importance of raising awareness among young people, the Foundation directed its efforts to social media and digital technologies. It set the objectives of undertaking 10,000 actions with young people, mobilizing one million young people over the summer period to remove 10 tons of plastic per beach.

On May 20, 2019, the Foundation organized a coordination meeting for the #b7arblaplastic campaign, which was launched on June 10. A communication campaign accompanied this launch and continued throughout the season.

Four visuals (in Arabic and French versions), a TV spot, awareness messages in colloquial Arabic for radio were also designed. Communication media were deployed on the ground on the initiative of the economic partners.

600 000

People reached in social
media by #b7arblaplastic



THREE MILESTONES

Three major events were planned for the #b7arblaplastic operation in the summer of 2019:

1. "Together for 10 tons less plastic waste per beach" campaign through the organization of clean-up actions to save the production of ten tons of waste per beach.
2. Organization of environmental awareness and education actions and activities to help reduce the production of plastic waste.
3. Participation in the World Clean Up Day.

Monitoring of the operation was carried out at the local level on the beaches and at the global level on social media. The hashtag #b7arblaplastic that carried the operation generated more than 400 associated publications to reach about 600,000 people. The impact of this operation was amplified through the various programmes of the Foundation. The Young Reporters for the Environment (YRE) produced 30 videos on the ground. The Eco-Schools community shared the posters on social media. Five hotels with the Green Key label displayed posters on their sites and digital platforms.

486,4 tons

Collection operations have allowed to harvest 486.4 tons of plastic



The Blue Flag is a label sought after by summer visitors

SIGNIFICANT RESULTS

Each partner was responsible for the smooth running of each event shared with the hashtag #b7arblaplastic. 97 % of the partners initiated actions on the field to respond to the three challenges and indicators proposed and achieved the following results:

- 486.4 tons less plastic on 70 beaches, i.e. an average of 8 tons of plastic removed per beach;
- 49,531 joint actions carried out for the benefit of holidaymakers;
- 1,400,000 people mobilized particularly young people.

CLEAN BEACHES 2019

THE 100 BEACHES TARGET HAS BEEN SURPASSED!

The progression is regular and permanent. After 20 years of deployment, the Clean Beaches programme surpassed the 100 beaches target. 27 public and private companies supported the operation as well as 63 municipalities. The number of beaches under the programme has grown rapidly, from 12 beaches in 1999 to 104 beaches in 2019, from North to South, from Saidia to Dakhla, with a number of visits exceeding 100 million.

Two new sites joined the programme in 2019 as part of its development: Talayoussef (Province of Al Houceima) and Sidi Taybi (Province of Sidi Ifni), and the Al Minaa Beach, sponsored by Amendis Tetouan.

Saidia's marina has also been awarded the Blue Flag. This is the second time that this port has been awarded the label, after the major efforts that have been made to develop it.

SUSTAINABLE COASTLINE RENDEZ-VOUS

The Foundation launched the first edition of the «Sustainable Coastline Rendez-vous» in collaboration with the General Directorate of Local Government of the Ministry of the Interior. The aim of these meetings was to inform and train the human resources of coastal municipalities to enable them to better take into account the problems they face, and to carry out innovative actions and projects in a professional manner.

55 officials and executives in charge of beach and coastal management within local authorities have benefited from this initiative. These meetings also made it possible to organize more than 12 awareness-raising workshops for universities and civil society.

MANAGEMENT TOOLS

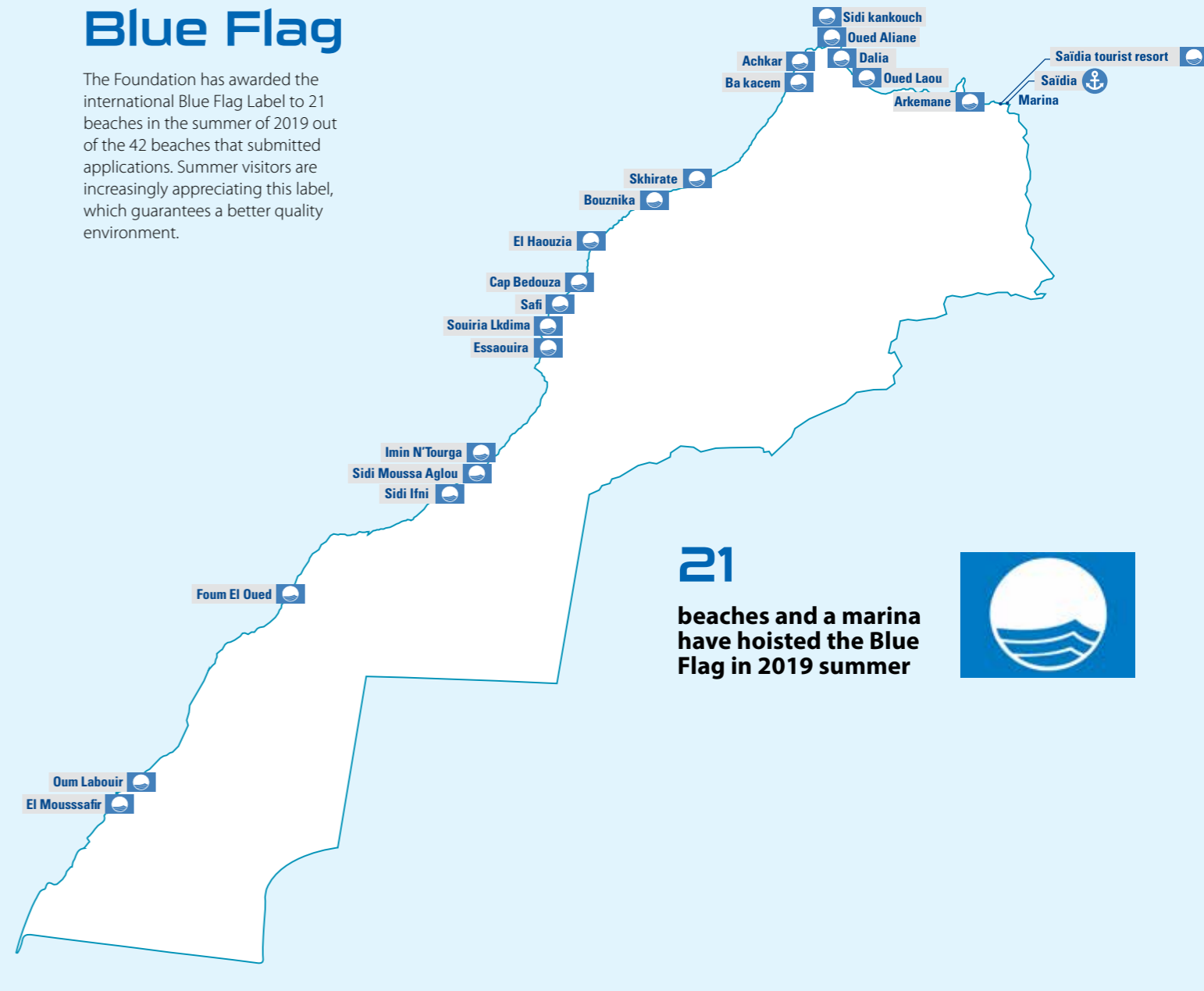
The 3rd edition of the Compendium of good practices in awareness raising and education for sustainable development has been prepared by the Foundation and presented. The objective of this collection is to offer a synthesis of "best practices" in education for sustainable development. It includes more than 60 data sheets on activities carried out on beaches and coastlines in Morocco and abroad. 45% of these sheets refer to the local best practices.

The revision in 2018 by the General Directorate of Local Government and the Ministry of Equipment, Transport and Logistics, of Circular No. 84 of 8 June 1998, signed by the Minister of State of the Interior and the Minister of Equipment, bore fruit in 2019. This revision was supported by an agreement between the administrations concerned to make the beaches open to bathing available to the municipalities, based on a set of specifications for beach management and a subcontracting agreement for beach management.

The "Clean Beaches" partnership agreement between the Foundation and the General Directorate of Local Government, as revised in 2018, has clarified the

Blue Flag

The Foundation has awarded the international Blue Flag Label to 21 beaches in the summer of 2019 out of the 42 beaches that submitted applications. Summer visitors are increasingly appreciating this label, which guarantees a better quality environment.



21
beaches and a marina
have hoisted the Blue
Flag in 2019 summer



respective roles of municipalities, economic partners and local authorities.

Finally, a new monitoring and reporting system has been implemented for the 2019 season.

OUTCOME OF THE CLEAN BEACHES 2019 CAMPAIGN

Thanks to the commitment and mobilization of every party, the Foundation and its partners have been able to achieve progress for the Clean Beaches programme.

A. QUALITY OF BATHING WATER AND SAND

Monitoring of bathing water quality covered 170 beaches according to the Moroccan standard NM 03 7 200 and 03 7 199, i.e. five more beaches than in 2018. 438 stations (i.e. 98.43%) were declared of compliant microbiological quality. The bathing waters of seven stations were considered not compliant, i.e. 1.57% of the stations monitored.

116 bathing profiles have been developed up to 2018 and 7 have been updated. In total, by the end of 2019, 128 bathing profiles will have been completed.

In the summer of 2019, the Secretariat of State in charge of Sustainable Development launched a mobile Beach application to raise awareness among the general public. Available on Android and iOS, this application was created to provide the general public with some key information about beaches, including the quality of bathing water. This department also created a website for beach managers to download test results reports.

Finally, mycological sand analysis campaigns were carried out on 53 beaches, eight more than in 2018. This action will be gradually extended to all beaches.

B. SAFETY

In 2019, the Foundation and its partners have undertaken numerous actions to improve the safety of swimmers and organize nautical activities on the beaches.

In 2019, 3315 seasonal rescue swimmers were recruited by the General Directorate of Civil Protection and supervised by 212 professional lifeguards.

During the 2019 summer season, as part of its partnership with the Foundation, ANAPEC trained 3716 seasonal rescue swimmers and 165 professional supervisors from

65

Zodiacs



314

Watch towers



the General Directorate of Civil Protection (DGPC) in nine regions of the Kingdom.

In 2019, fifteen additional beaches were beaconed, i.e. a total of 110 beaconed beaches. The Directorate of Ports and Maritime Domain supported the implementation of the buoyage system by setting up information panels.

HUMAN RESOURCES AND LIFE-SAVING EQUIPMENT WERE PROVIDED BY THE CIVIL PROTECTION ON THE BEACHES IN 2019

- Professional life-guards (MNP) of the Civil Protection deployed on beaches : 212
- Seasonal rescue swimmers deployed on beaches : 3315
- Life buoys : 1821
- Life vests : 546
- Paddies : 1440
- Boards : 169
- Megaphones : 22
- Watch towers : 314
- Binoculars : 75
- Umbrellas : 47
- Jet-ski : 57
- Zodiacs : 65
- Quads : 6

C. SANITARY COVERAGE:

The sanitary coverage of the beaches is a sustainable action of the Ministry of Health. Every year its local delegations carry out actions to improve sanitary and hygienic conditions on the beaches.

Actions achieved by the Ministry of Health under the 'Clean Beaches 2019' programme included the following:

D. PLANNING AND MANAGEMENT

The Directorate of Ports and Public Maritime Domain, which year after year reinforces the implementation of beach use and management plans, has set these plans for 70 beaches to date.

E. AWARENESS AND EDUCATION

Relying on more than 250 local associations and the Moroccan National Scouting Federation, the Clean Beaches programme contributes to raising awareness among summer visitors all summer long. Economic partners and local associations largely responded to the Foundation's appeal to fight marine pollution, particularly against plastic, as its main focus for 2019.

The Moroccan National Scouting Federation, which accompanied the Foundation for the 17th consecutive year, developed its action in two phases from 13 to 25 July for the former and from 26 July to 7 August for the latter. 520 scouts and guides, and 60 scout leaders, sponsored by six economic partners, were deployed on eight beaches to carry out awareness-raising operations, activities, workshops, etc.

F- COORDINATION AND FOLLOW-UP:

Between February and May, the Foundation organized coordination and consultation meetings with local beach committees and project managers. The purpose of these meetings was to review and direct action plans to meet international standards.



Beach development is an important component of the programme



Sorting bins has kept the beaches clean and raised awareness among summer visitors.

G- BEACH MONITORING AND EVALUATION SYSTEM

The beach evaluation procedure is carried out on the basis of the four families of qualification criteria of the Blue Flag Label:

1. Bathing water quality;
2. Beach development, equipment and management;
3. Safety and sanitary coverage;
4. Environmental awareness and education.

At the end of the surprise visits to the beaches carried out in the 2019 «Clean Beaches» programme by the National Committee, an evaluation was made between 15 July and 15 September 2019. It made it possible to highlight the progress achieved as well as the shortcomings that need to be addressed.

Evaluation data sheets describe the current status of each of the 104 beaches covered by the «Clean Beaches» programme and highlight the efforts made as well as the shortcomings noted in terms of equipment, management, hygiene and safety, in addition to the implementation of environmental awareness, education and development actions. They also include information on the backshore, life-saving equipment, first aid, care centres.

THIS MONITORING CAMPAIGN LED TO THE FOLLOWING FINDINGS AND RECOMMENDATIONS:

BATHING WATER QUALITY

Bathing water quality results were displayed and updated on 90% of the beaches. 1700 test reports were developed for display on the field.

BEACH DEVELOPMENT AND MANAGEMENT:

The beaches have achieved a great qualitative improvement in terms of development, management,

cleanliness, and in organizing beach concession activities and controlling umbrella rentals, toilets, beach access points and parking lots. Substantial efforts have been made for people with disabilities, safety and first aid centres.

BEACH USER SAFETY:

Great efforts have been made by the local authorities to ensure a rational management of recreational water activities on the beaches. Unfortunately, the signposts put in place were not respected by the users of jet-skis or wind-surf boards on some beaches.

The work of lifeguards has been enhanced and their lifesaving equipment reinforced. However, an effort has yet to be made in terms of providing beaches with premises for civil protection and access for life-saving equipment.

The national "Clean Beaches" committee was keen to pay tribute to the law enforcement agents (Police, Auxiliary Forces, Royal Gendarmerie) for the effective work carried out on the beaches.

AWARENESS AND EDUCATION

This edition was marked by the increased mobilization of the economic partners working with local NGOs, which organized many direct and indirect awareness actions for the benefit of summer visitors, particularly in relation to the issue of plastic waste pollution. As an example, we can mention the following:

The evaluation visits were an opportunity to take note of the implementation, by the different partners of the "Clean Beaches" programme, of a wide array of tools, workshops and platforms for education, awareness-raising and entertainment. More than 250 local associations have organized awareness-raising and education actions for sustainable development on clean beaches.

AIR & CLIMATE



Between 2016 and 2019, the Air & Climate programme went through a phase of reflection designed to better coordinate and restructure its different components. This reflection effort led to the development of a roadmap for the period 2019-2023.

As a result, the Qualit'air Pact, the Voluntary Carbon Offsetting framework, the Greenhouse Gas Tool and the CO2 Calculator have merged into a single offer to the various Air & Climate partners, with a variety of tools and approach mechanisms. A meeting was organized with the economic partners on 23 July 2019 to reflect on this new approach and how to give new impetus to the Qualit'air Pact.

QUALIT'AIR PACT

This meeting held at the Hassan II International Environmental Training Centre gave new impetus to the Air & Climate programme and set four objectives for the Qualit'air Pact:

- Create a network of leading companies that will share their success stories with other companies;
- Merge the Qualit'air Pact and the Voluntary Carbon Offsetting framework;
- Provide support tools for GHG assessment and training on how to use them;
- Recognizing and valuing companies involved in climate-friendly actions, through labelling or certification.



VOLUNTARY CARBON OFFSETTING

In 2019, the Voluntary Carbon Offsetting programme enabled the electrification of nearly 400 remote rural schools and the planting of 7014 date palms, thanks to contributions from the economic partners who offset their emissions related to the transportation of their staff (CDG Foundation, ONA Foundation, ONEE, Maroc Télécom, OCP Group, ANP and APC). The Foundation was supported on the field by ONEE, AMEE and the regional and provincial delegations of the Ministry of National Education.

An operation to plant 6,000 date palms in the palm grove of Marrakech closed the year 2019. This last planting operation was conducted with the support of the Wilaya of Marrakech-Safi and carried out by 92 workers from the National Promotion agency on a 12-hectare plot of land in Jnane Tamesna, to the east of the palm grove of Marrakech. The operation required a budget of three million dirhams and will make it possible to capture the equivalent of more than 12,000 tons of CO2 over the life span of the palm trees.

Since 2009, 20,000 date palms have been planted in this way, enabling the capture of 40,000 tons of CO2 over their lifespan, equivalent to what 40,000 Moroccans emit in one year. The Foundation has been supported on the field by the Wilaya of Marrakech-Safi and the National Promotion agency.

400

Electrified rural schools

7014

Date palms planted in 2019

40 000 tons

CO2 equivalent sequestered



SOLAR TORCHES

In addition to the usual solar electrification operations, the Foundation provided 300 solar torches to schools in the Province of Azilal, in order to improve the school conditions of the children. Torches are equipped with chargers for telephones, tablets and computers, and have six-hour autonomy.

NATIONAL GOVERNANCE

After more than ten years of deploying a national network of air quality monitoring stations, the Foundation finalized the implementation of a technical governance scheme resulting from a study initiated in 2017 in consultation with the various relevant parties. This new governance scheme involves the National Meteorological Directorate, the Ministry of Energy, Mining and the Environment/Department of the Environment, the General Directorate of Local Government and the Foundation. By handing over the technical management of this network of 34 stations, the Foundation intends to redirect its mission mainly towards training and raising awareness on air quality and climate. A first training mission was carried out in this sense in November 2019 to raise awareness to the climate challenges among partners.

A memorandum of understanding referring to the Governance Scheme was put in place, reinforced by three specific conventions governing the commitments of the parties, to transfer Qualit'air stations to the relay bodies.

ECO-EPIDEMIOLOGICAL MONITORING MECHANISM

After helping to set up Morocco's first eco-epidemiological monitoring mechanism in the region of Casablanca-Settat, with the support of the Ministry of Health's Department of Epidemiology and Disease Control, the Foundation handed over its day-to-day management to this department to ensure its sustainability.

AWARENESS-RAISING AND EDUCATION

The Foundation conducted awareness-raising activities for young people on air quality, its impact on health and climate change, with national and international experts.

- In conjunction with Environment Day, 6 June 2019, under the theme of "Combating Air Pollution";
- A distance training session for YRE coordinators on the occasion of inaugurating the Centre on 18 June 2019;
- An Expert Conference on Sustainable Solutions to Climate Change, with the remote participation of a YRE on 9 July 2019;
- A Conference intended for schoolchildren and high school students on the role of young people in climate action on 6 January 2019.

GREEN KEY



Green Key



In 2019, 88 candidates submitted their applications on the platform dedicated to the Green Key operation, including 65 large structures and 23 small structures. The members of the National Jury first examine the applications, compare them to the Green Key benchmark and determine whether they are admissible. Candidates considered eligible are then audited by external expertise. Forty candidates thus selected have been audited according to the approach adopted by the label: one audit in the year of the label application, one the following year and another in the fourth year.

OUTCOME OF THE CAMPAIGN

At the end of this campaign, the label was awarded to 56 hotels. Fifty of them obtained the renewal of their label, while six hotels were newly labelled. These hotels are located in Marrakech, Agadir, Dakhla and Casablanca.

Sixteen (16) hotels lost their label in 2019, either because the audit revealed non-compliance or because they did not submit their application within the deadline.

ENVIRONMENTAL PERFORMANCE INDICATORS OF THE HOTELS

On average, 78% of the mandatory criteria are met by the labelled hotels. 65% of the labelled facilities apply the environmental performance indicators measuring mechanism developed by the Foundation.

Green Key supports #B7ARBLAPLASTIC

14 hotels participated in the #b7arblaplastic operation, either through social media or by collecting plastic waste. The latter operation resulted in the collection of approximately 20 tons of plastic waste from the beaches.

56

hotels were labelled
in 2019

HISTORIC GARDENS



ERRAHMA GARDEN OF DAKHLA

The Mohammed VI Foundation for Environmental Protection together with the General Directorate of Local Government (DGCL), the Wilaya of the Region of Dakhla-Oued Eddahab and the Commune of Dakhla had concluded a partnership agreement for the rehabilitation of Errahma Garden of Dakhla.

This agreement covered the period from 2016 to 2018. It helped restore and rehabilitate some features of Errahma Garden. New techniques for the rational use of resources have been implemented, such as drip irrigation to save water, solar energy to save electricity, a composting unit, etc. Local less water-consuming species and shade trees have been planted.

The garden serves as a platform for awareness-raising and education activities on sustainable development for the general public, in particular through the educational circuit.

EXOTIC GARDENS OF BOUKNADEL



15 YEARS OF MANAGMENT

The Foundation has completed its fifteenth year of managing the Bouknadel Exotic Gardens since their rehabilitation and reopening to the public in 2005. The Foundation is supported in the preservation of this historical heritage by the General Directorate of Local Government, the Prefectural Council of Salé, the Prefecture of Salé and a civil society association. These three partners are linked to the Foundation by a regularly renewed three-year agreement for the management of the Exotic Gardens.

In 2019, the Exotic Gardens welcomed 80,349 visitors, including 33,150 children. 417 guided tours were organized for groups, including 370 schools. Attendance has slowly decreased this year.

80,349

visitors, including
33,150 children



MAINTENANCE AND DEVELOPMENT OF GARDENS

The maintenance of the existing infrastructures (irrigation network, lighting system, bridges and footbridges, buildings, huts, pagoda, visitor circuits, aviary and vivarium) was carried out as every year in accordance with the specifications set for the conservation and development of the gardens' heritage. The two pergolas of the Andalusian Garden were completely rehabilitated, as were the two bridges of the Brazilian Garden, whose pillars were threatened by water wear. These have been replaced by water-resistant wooden railway sleepers donated by ONCF. The suspension bridges of the Brazilian Gardens were reinforced with new cables. Two sorting bins were positioned at the entrance of the gardens. Finally, a solar water-boiler was installed for the staff that was also provided with a complete set of work clothes. The two young mentally disabled workers trained at the Almanar Centre in Rabat worked for the 2nd consecutive year at the gardens as trainees.

ECOLOGICAL SHOWCASE

The gardens have enhanced their role in environmental awareness and education year after year. The five interactive terminals of the educational circuit have been updated and renovated. They show simple daily actions to limit everyone's impact on the environment, which the young people in the school groups who use this circuit can read and adopt.

The educational programme offered to school groups and adults was renewed with the help of the Association of Friends of the Exotic Gardens of Bouknadel. An ever-increasing variety of activities are offered to visitors: photography and painting contests, gardening classes, demonstrations of the distillation of essential oils from flowers and aromatic plants, treasure hunts, guided tours, carbon and greenhouse gas offsetting, etc. Educational activities are organized in the organic vegetable garden which was created in 2015 and the vegetables produced in this garden are offered to the staff and members of the Association des Amis des Jardins. Four glass beehives were installed to give young people an idea of the organization and active life of the bees; finally, a small amount of honey was collected and distributed to the staff.

Zero Waste Vision: The gardens have set up a waste sorting process and signed an agreement with a cooperative of waste collectors for the recycling of sorted (plastic, paper and metal) waste. Biodegradable waste is intended for the production of compost which is part of the basic course on gardening and allows the gardens to be self-sufficient for its fertilization. The recovery of waste water, drip irrigation and solar energy, all of which are environmentally friendly techniques, are presented as models of action used in the gardens.



LIFE IN THE GARDENS

In terms of births, ducks, golden pheasants, parakeets, lovebirds, diamond doves and mandarin diamonds have not deviated from their usual fertility, as have their aquatic congeners, koi carps and mosquito fish, which are constantly increasing in number. The latter, which are very numerous, ensure biological control of harmful insects, particularly mosquitoes. Other new species have been acquired such as the guinea pigeon and the Podocarpus tree from Ethiopia.

As every year, the gardens welcome trainee students from Moroccan technical agricultural schools, in addition this year to one student from the ISN of Centre-Val de Loire (France).

The abundant production of the Exotic Garden nurseries, which exceeds the maintenance needs, benefits the green spaces of the schools and neighbouring communities.



SAFEGUARDING AND DEVELOPING THE MARRAKECH PALM GROVE

The programme for the Safeguarding and Development of the Marrakech Palm Grove completed its twelfth year in 2019. The Foundation's strong impetus in this unique and sensitive area has led to real progress. The erosion of biodiversity has been slowed down and a process of recovery has begun through planting and restocking, the sustainability of which is ensured by an irrigation infrastructure. The Oulja of the palm grove is protected as a site of biological and ecological interest. The populations of the palm grove are supported so that they can become actors in the protection of the palm grove. Finally, an observatory of the Marrakech palm grove has been created and many awareness and educational actions have been carried out for the benefit of young people and children.

MAINTENANCE OF PLANTED AREAS

In order to maintain and irrigate the fourteen planting areas of the programme, the partnership agreement between the Foundation, the DGCL, the urban commune of Marrakech, the Wilaya of Marrakech and the Observatory of the palm grove has been renewed for a period of three years (2019-2021). Maintenance is performed by the National Promotion agency.



WATERING OF YOUNG AND ADULT PALM TREES WITH TREATED WASTEWATER

The project to irrigate palm trees with water reprocessed from the Marrakech wastewater treatment station in accordance with the partnership agreement signed in June 2015 with RADEEMA is achieved up to 59%.

Work has been completed for the North-West Palm Grove. 9000 young palm trees will be irrigated near the storage basin created for this purpose, as well as the adult palm trees located along the collection areas on the recycled water pipe. The terms and conditions for the billing of irrigation water by RADEEMA to the commune were finalized in November 2019 and an amendment to the agreement was signed to this effect. The effective watering of the area will be operational from January 2020.

56

hectares of the Marrakech palm grove are protected by the programme



INCLUSION OF THE LOCAL POPULATION AND THE ASSOCIATIONS FABRIC

The project for the sustainable development of agricultural activities implemented since April 2015 has strengthened the resilience of the populations in the palm grove by improving their income through agro-ecology and the structuring of commercial channels.

Today, the pilot families have adopted the new cultivation techniques and tools for the management of their agricultural activity. Agro-ecological practices have been implemented, production has been diversified, the quantities produced are increasing, the safety of the products is improving and new drainage systems have been set up.

The two partnership agreements that enabled this pilot experiment in the North-West Palm Grove were renewed by the Foundation with its partners: the OCP Foundation, Agrisud International and the Norsys Foundation. They will allow:

- to enhance the hydro-agricultural development work that was launched in the pilot phase,
- to support new farms and women who wish to integrate the economic dynamics,
- to strengthen the flow channels set up in the pilot phase,
- to build on methods and tools,

- to set up local relays for the maintenance of literacy courses and management advice to farms, through local bodies and the creation of a professional farmers' organization,
- to draft terms of references for the management of the area.

RESULTS FOR THE YEAR 2019

STRENGTHENING HYDRO-AGRICULTURAL DEVELOPMENT WORKS

Solar Energy

- 9 family farms equipped with solar pumping, monitored and trained on maintenance,
- 8 family farms still in operation.

Water supply

- 3 farm owner-operators have submitted through the one-stop shop their applications for permission to start work,
- 9 farms have not finalized their files in the absence of an administrative certificate,
- 3 farms are in conflict with the owner or are faced with inheritance problems.

DIRECT SUPPORT

Joining the newly created professional organization

The support fund for the implementation of agro-ecological practices (seeds, plant health treatments, veterinary products) was set up and managed by the Cooperative created in July 2019, to which 29 family farms have joined.

Mechanisms for renewing the fund are being discussed to enable it to diversify its offer.

Potential activities and tests

- At the beginning of 2019, 10 women have started the breeding of farm chickens with 20 individuals),
- 10 technical-economic monitoring notebooks kept by women for a shared analysis of the results.

Engaging the hotel sector

To promote the products of the palm grove, the programme members met with 23 potential purchasing entities, visited six farms, organized four days of outreach to hotel schools, participated in the 'Oui Chef' event and organized the 'Guindo-mets, Cooking with Agro-ecology'.

CAPITALIZING ON METHODS AND TOOLS

Training Kits

Training kits for market gardening, animal husbandry and fruit growing have been developed. They contain nine crop modules and 18 other modules on agro-ecological practices in market gardening, fruit growing and animal husbandry.

CREATION OF A COOPERATIVE

A cooperative called Guindo was established on 29 July 2019, bringing together 29 men and women for the agro-ecological production of vegetables, fruits and eggs. The cooperative will provide its members with training and technical assistance and make equipment and inputs available to them; it will also help them collect and sell their products.

PARTICIPATION TO THE DEVELOPMENT OF SPECIFICATIONS FOR LAND MANAGEMENT

Three meetings were held in 2019 with the Wilaya of the Marrakech-Safi Region, the urban Commune, the local administrations or other public services, and the Foundation's partners to this programme. The first meeting (in September 2019) focused on building a common vision for this area and on setting priority objectives. The second meeting (in October 2019) enabled the actors involved to agree on the development actions identified. The third meeting (in November 2019) defined the follow-up procedures and the responsibilities of each party.

ECO-SCHOOLS

The Eco-Schools programme is an educational programme based on a pedagogical pro-active approach, implemented in Morocco in 2006 by the Mohammed VI Foundation for Environmental Protection. Since then, every year, more and more schools join the programme. For its 13th Edition 2018-2019, the programme covered 2172 schools, compared to 1930 schools for the 2017-2018 season.



GREEN FLAG

276 schools from 12 regions were candidates for the Green Flag for the 2018-2019 edition.

The National Jury Committee held its meetings to evaluate the projects of the candidate schools on 12 and 13 June 2019 at the Hassan II International Environmental Training Centre.

171 schools were labelled, 47 schools received the Silver Certificate and 56 schools received the Bronze Certificate as part of the gradual approach that allows schools to obtain the label in three years.

These deliberations also enabled the identification of best practices to be disseminated as an example to other schools.



TRAINING

Supervisors, local relays and schoolchildren from the various academies of the Ministry of National Education and Vocational Training that deploy the Eco-Schools programme were brought together for exchange and training sessions.

These sessions were held between November 2018 and February 2019. Twelve workshops were held in 12 regions, bringing together a total of 337 schools, with the participation of 115 students and 341 teacher coordinators. Ten Eco-Schools presented their experiences to guide new schools in this programme or to help those in the process of obtaining the Green Flag to finalize their process.

Alongside these training sessions, Green Flag award ceremonies were organized.

Finally, a collaborative workshop with the members of the National Eco-Schools jury concerning the improvement and development of the programme was held at the Centre on Thursday 11 July 2019.

590

including 590 with pre-school facilities

44 %

in rural areas and 56% in urban areas

2,172

Schools enrolled in 2019

33,210

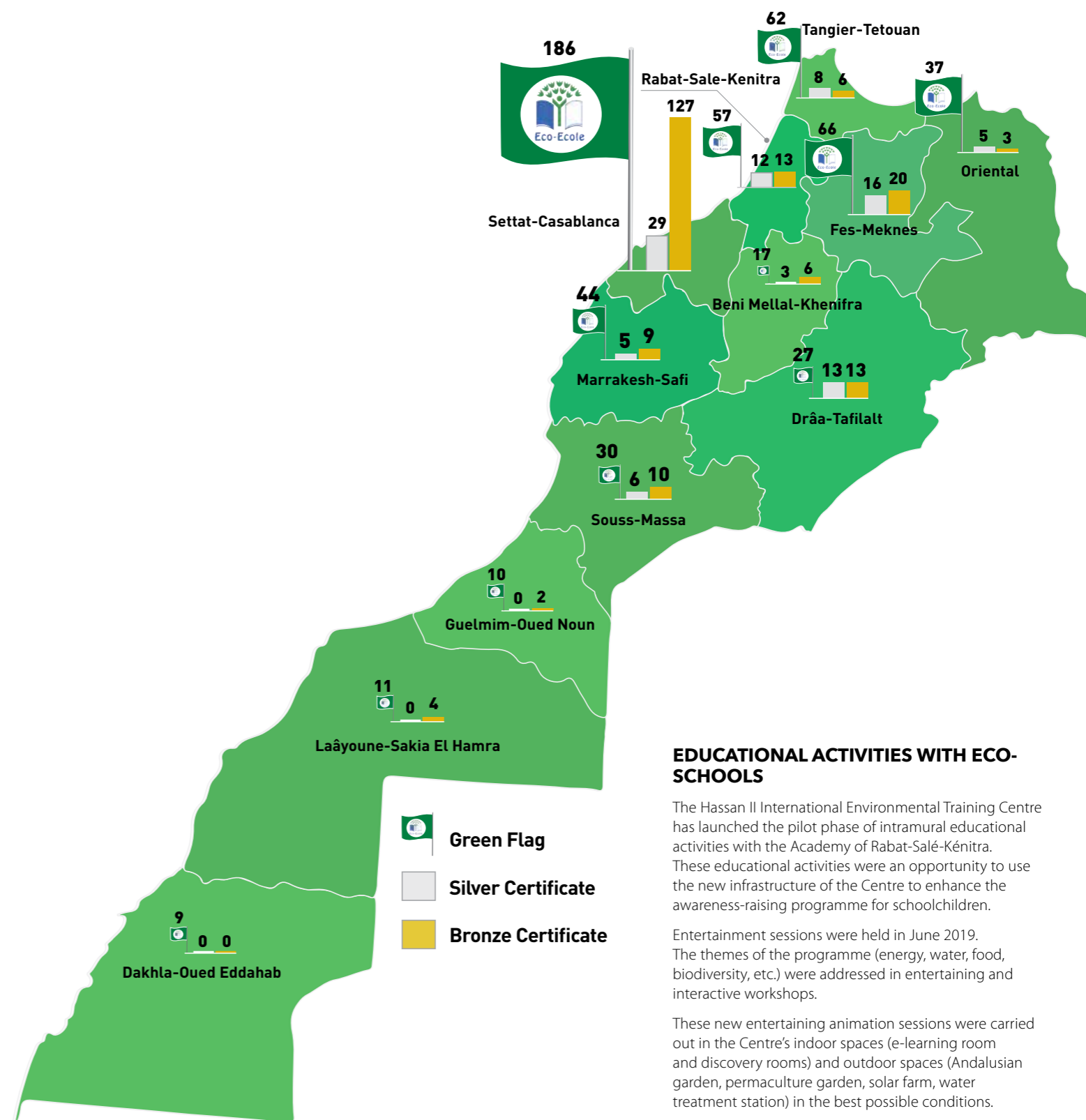
Supervisors trained

554

Schools awarded the Green Flag Label

989,617

Schoolchildren reached



EDUCATIONAL ACTIVITIES WITH ECO-SCHOOLS

The Hassan II International Environmental Training Centre has launched the pilot phase of intramural educational activities with the Academy of Rabat-Salé-Kénitra. These educational activities were an opportunity to use the new infrastructure of the Centre to enhance the awareness-raising programme for schoolchildren.

Entertainment sessions were held in June 2019. The themes of the programme (energy, water, food, biodiversity, etc.) were addressed in entertaining and interactive workshops.

These new entertaining animation sessions were carried out in the Centre's indoor spaces (e-learning room and discovery rooms) and outdoor spaces (Andalusian garden, permaculture garden, solar farm, water treatment station) in the best possible conditions.

YOUNG REPORTERS FOR THE ENVIRONMENT (YRE)



201

**Award-winning
written
reports and
photographs at
national level**

30

**Award-winning
works at
international
level**

80 %

**Have acquired
the journalistic
skills necessary
to produce
articles and
photographs.**

2019 CONTEST

Young Reporters for the Environment (YRE) is an international programme developed in 45 countries around the world. It was introduced in Morocco by the Mohammed VI Foundation for Environmental Protection in 2002, in partnership with the Ministry of National Education, Vocational Training, Higher Education and Scientific Research. YRE seeks to encourage young people, through journalistic work, to understand the issues at stake and take positive action to address them. The programme deals with environmental issues in a practical and positive way, in the spirit of a solution-driven approach to journalism, also called impact journalism.

The theme of the 17th edition of the 2018-2019 Contest was Sustainable Agriculture. Six written reports and as many photographs were awarded by the National Jury, which met on 3 and 4 April 2019 at the headquarters of the Mohammed VI Foundation for Environmental Protection. The jury selected 313 written reports and 980 photographs from the twelve Regional Academies that carry the programme.

30 000

**Junior and senior high
school students**

9 000

Supervisors

34 students were awarded prizes, 23 students for the written reports and 11 students for the photographs. These students received their awards at five provincial ceremonies.

Two written reports and three photographs were submitted to the international edition of the contest and two were awarded prizes (one written report and one photograph) at the end of the International Jury's deliberations announced on 5 June 2019.

The 2019-2020 Edition was launched at the end of 2019 on the theme «Eco-gestures for a plastic-free environment». This new edition featured the introduction of a new category: video reporting.

TRAINING

The training programme for the participants in the contest (junior and senior high school students, supervisors and local relays) has been deployed with the twelve Academies of the Ministry of National Education and Vocational Training that support the programme. The twelve workshops brought together 377 students and 291 supervisors.

These training workshops were carried out in all the regional directorates of the Academies in Morocco between November 2018 and January 2019.

YRE DATA BASE

A Young Reporters for the Environment database has been made available on line since 2019. It contains all the award-winning written reports and photographs since the creation of the contest. The database will produce monitoring indicators, statistics and rankings for junior and senior high schools. It will also be a very useful reference for regional and provincial coordinators.

RESULTS OF THE NATIONAL PHOTO REPORT COMPETITION



Heritage award

Souss Massa/Agadir Ida Outanane
(Aourir High School)
The argans and the women of Souss
19-21 year old category



Sustainability award

Oriental/Guercif **(January 11 High school)**
For sustainable agriculture, each drop of water counts
11-14 years old category



Awareness award

Oriental/Guercif **(January 11 High school)**
Traditional watering and agriculture lasting, what relationship?
11-14 years old category



National Jury award

Oriental/Figuig Bouarfa **(Ennahda College)**
Oasis of the future
15-18 years old category



Theme of the Year Award

Marrakesh Safi/Benguérir Rehamna **(El Jadida College)**
Collapsing cactus
15-18 years old category



Initiative award

Fes/Meknes **(Ibn Hanie High School)**
Optimal use of agricultural land
19-21 year old category

RESULTS OF THE NATIONAL WRITTEN REPORT COMPETITION

Innovation award

Casablanca/Settat **(Ibn Khaldoun High School)**
Green roofs, the future of agriculture in the city of Casablanca
15-18 years old category

Prix d'Originalité

Fès /Meknes **(le Tremplin des Rossignols Institute)**
The saffron flower from the heart of the desert to the snow of the Atlas
15-18 years old category

Diversity award

Oriental **(Mohammed Abdelkarim El Khettabi High School)**
The argan tree of the east ... fight for survival
15-18 years old category

Incentive award

Rabat/Sale/Kenitra **(Manarat EL Firdaous Institute)**
Organic fertilizers: a more efficient solution for a better crop
11-14 years old category

Valorization Award

Guelmim/Oued Noun **(Al Maghreb Al Arabi high school)**
Prickly pear from Ait Baâmrane: the plant that has ensured the future of past generations, will its future resist Dactylopius oppunfae?
19-21 year old category

Proximity Award

Casablanca/Settat **(Jaafar El Fihri High School)**
The cultivation of sugar beet in the province of Sidi Bennour: White culture commonly useful in our dear Morocco
19-21 year old category

EDUCATIONAL TOOLS



3D DIGITAL PLATFORM

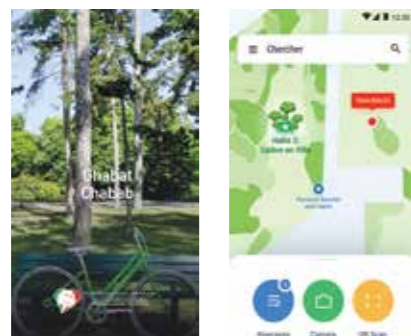
Marine biodiversity is the new theme developed for the Foundation's digital platform. It will reinforce the themes of water, energy and air and climate already on line.

HASSAN II INTERNATIONAL ENVIRONMENTAL TRAINING CENTRE, AN EDUCATIONAL TOOL

A series of nine mobile applications has been developed to explain the ecological facilities of the Centre as a teaching aid. They have been developed in Arabic and French.

GHABAT CHABAB APPLICATION

A mobile application has been developed for the Ghabat Chabab Park. It is intended for national and international visitors and seeks to promote the historical, environmental and ecological heritage of the site.



EDUCATIONAL CIRCUIT OF HASSAN II PARK – EL JADIDA

The educational circuit of Hassan II Park in the city of El Jadida highlights the water cycle. The themes addressed in this educational circuit include: water in the human body, the daily consumption of water, its importance for plants, aquatic life, as well as shad, a species of fish extinct in the region of El Jadida, or waves as a source of renewable energy.

ECO-SCHOOLS: PRE-SCHOOL AND PRIMARY SCHOOL POSTERS

The Centre has developed thematic posters to help understand and assimilate the eco-gestures of schoolchildren under the Eco-Schools educational programme. One poster was designed for each of the seven working themes of the programme.

IDENTIFYING SDGS

An educational session created at the Centre teaches schoolchildren how to make a link between the 7 environmental themes developed in the Eco-Schools programme, the school curriculum, and the 17 Sustainable Development Goals (SDGs).

THE SDGS GAME

Eco-School children highlighted links with these Sustainable Development Goals. For example, they linked SDG 15 on ecosystems to the Life and Earth Sciences course for CE5 Grade pupils or SDG 10 on inequality to the French language course for CE6 Grade pupils.

EVENTS



PEACE BOAT VISIT

109 junior and senior high school students from the Eco-Schools and Young Reporters for the Environment programmes visited the Peace Boat during its stopover in the port of Tangier, on the way to its 101st world voyage for peace and sustainability. This Japanese NGO-owned ship welcomed its visitors in its dedicated space where young people are informed about environmental issues.

WORLD ENVIRONMENT DAY

The Hassan II International Center for Environmental Training organized on June 23, 2019, educational and entertainment workshops for the young community of Eco-Schools in the region. Experts came to explain to the schoolchildren the importance, if not the urgency, of taking action and preserving their environment.

MOROCCAN SCOUTS AND "ÉCLAIREUSE - ECLAIREUR" (GIRL AND BOY SCOUTS) OF FRANCE AT THE CENTRE

The Hassan II International Center for Environmental Training welcomed on 31 July 2019, twenty-six young people from the Scouts of Morocco and the "Eclaireuse-Eclaireur" French association. They were sensitized to the protection of the environment through the Centre's facilities: sustainable construction, resource management, energy efficiency, grey water purification, waste sorting, composting and sustainable agriculture.



ECO-SCHOOLS AND YRE AT BINSWIMRUN

Forty students from the Eco-Schools and YRE programmes participated, on Saturday 5 October 2019 on the Bin El Ouidane dam reservoir, in awareness activities led by swimmer Hassan Baraka, on the occasion of the 3rd edition of the Bin Swim Run, a competition that consists of a 5km swim and a 26km run. The programme included interactive games, recycling workshops and clean-up activities for the schoolchildren.

WORLD FOOD DAY

Every year, the World Food Day is organized by FAO to raise awareness worldwide about food security and to achieve the "Zero Hunger" goal by 2030. The Foundation signed a Memorandum of Understanding with this emblematic UN world organization on 14 October 2016 and mobilized the Eco-Schools to celebrate this 39th edition around the theme "Our Actions are Our Future: Healthy Diets for a #Zerohunger World".

On Wednesday, October 16, 2019, a hundred or so Eco-Schools and YRE visited the Hassan II International Center for Environmental Training to participate in a day of awareness-raising activities with artistic, culinary and sensory workshops.

THE CENTRE AS A PLATFORM FOR THE ENVIRONMENT

Date	Purpose	Number of Participants
25 to 28 September 2019	Workshop on Marine Waste (UN Environment Programme)	15 experts
Tuesday 9 July 2019	Global Climate Action Workshop	22
Tuesday 23 July 2019	Awareness and information meeting on Climate Change issues	24

SITES AND PORTALS



www.fm6e.org

The development of the new version of the Foundation's institutional website, which is resolutely directed towards its targets, was almost completed in 2019. This new version will highlight even better the Foundation's activities, whether those related to the activities of the Foundation's President, HRH Princess Lalla Hasnaa, or its programmes activities. All the Foundation's press releases have been put on line.



centre-hassan2-environnement.ma

The Hassan II International Center for Environmental Training, which opened in June 2019, immediately set up a website to put on line its activities, events and training sessions, etc. The site is also intended to be a gateway for educational resources developed or hosted by the Centre.



www.ecocoles.ma

As every year, the Eco-Schools portal has updated its content according to the new season of this environmental education programme. The maps have also been updated, showing the schools that have received the Green Flag label, with the Silver Certificate or Bronze Certificate. The progressive approach of the programme has been updated, the topical news inserted and the photo galleries completed.

A new version of the portal was under construction in 2019 for its online launch in 2020.



www.jre.ma

The database of all the Young Reporters for the Environment contest winners since 2002 has been set up on the YRE website, which makes it possible to view all the reports produced.

The theme of the 2018-2019 contest and the Eco-Gestures for a Plastic Waste-free Environment were highlighted.

Finally, the site also publicized the brand new category of the YRE contest: video reporting.



www.clefverte.ma

An update of the applications platform and interactive maps of the 2019 award-winning hotels has been completed. The portal remains the essential tool for obtaining the ecolabel.



www.plagespropres.org

The Clean Beaches website highlighted the major #b7arblaplastic campaign conducted during the summer of 2019. Poster visuals were highlighted and a report on the Lalla Hasnaa Sustainable Coast Trophies Ceremony completed the presentation.

The Clean Beaches Annual Report and the technical data sheets of the corresponding beaches were put on line. The maps of the programme's beaches, as well as those labelled Blue Flag, were updated.



www.jardinexotiques.com

The Bouknadel Exotic Gardens presented the activities of the educational programme they deploy every year to welcome schoolchildren or gardening fans.

Appendices 2019

BOARD OF DIRECTORS



Rabat - 9 december 2019 : Her Royal Highness Princess Lalla Hasnaa chairs the Mohammed VI Foundation for Environmental Protection's Board of Directors.

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Princess Lalla Hasnaa**

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- 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
- 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 Maroc
- Islamic Culture Foundation (FUNCI)
- National Institute for Agricultural Research
- Embassy of the Kingdom of the Netherlands
- Imperial Tobacco Morocco
- REDAL
- Lafarge Maroc
- 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
- OFPPT
- Societe Generale Marocaine des Banques
- Théolia
- IDB
- International Union for Conservation of Nature
- Observatory Palm Grove Marrakech
- General Confederation of Enterprises of Morocco (CGEM)
- OCP
- National Office of Water and Electricity (Onee)
- National Ports Agency (ANP)
- Royal Air Maroc
- Groupement professionnel of Morocco's Banks (GPBM)
- Akwa Group
- Maroc Telecom
- Cooper Pharma
- Shem's
- ONA Fondation
- Moroccan National Office of Tourism (ONMT)
- Prince Albert II of Monaco Foundation
- Banque Centrale Populaire (BCP)
- 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 (AECIDI)
- Water Agency (RMC)
- Secretariat of the United Nations for Change Climate
- Mairie of Elche
- Agrisud International
- Foundation Norsys
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- ALSTOM Foundation
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مؤسسة محمد السادس لحماية البيئة

FONDATION MOHAMMED VI
POUR LA PROTECTION DE L'ENVIRONNEMENT

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