



مؤسسة محمد السادس لحماية البيئة
FONDATION MOHAMMED VI
POUR LA PROTECTION DE L'ENVIRONNEMENT
www.fm6e.org



EDUCATION

FOR SUSTAINABLE

DEVELOPMENT

Education for sustainable development, a central mission

The Mohammed VI Foundation for Environmental Protection's main mission is to educate and raise awareness on the environment and how to protect it. Aligning with **HRH Princess Lalla Hasnaa** belief that forging environmental awareness of tomorrow's generation is the most powerful lever, the foundation's main target are young individuals.

The Foundation very early on set up programs aimed at the youngest, Based on the tools of the Foundation for Environmental Education and the resources of the Ministry of National Education. Today, it manages seven Education for Sustainable Development programs.

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- ☉ **Launch date in Morocco** | 2006
- ☉ **Partners** : Foundation for Environmental Education (FEE), Ministry of National Education, Preschool and Sports.
- ☉ **Students from 4 to 12 years reached** | +1,300,000
- ☉ **Registered schools** | 2812
- ☉ **Trained supervisors** | +45,000
- ☉ **Green flags** | 671
- ☉ **80 %** of schools engaged in the program equipped with low consumption light bulbs.
- ☉ **30 %** reduction in the school electricity bill thanks to energy management.

Eco-Schools is an educational tool. Its objective is **to make young people the lever of change for the sustainable development** that the world needs, by engaging them in a learning environment that is fun, practical, action-oriented and open to society.

Each school follows **a seven-step change process** that allows experimentation within the establishment with simple and effective actions and gestures for the environment. Seven themes are proposed: water management, energy management, waste management, preservation of biodiversity, healthy nutrition, solidarity and climate change.

The Eco-School follows **a seven steps program** : form a monitoring committee, carry out an environmental diagnosis of the school, establish an action plan, monitor and evaluate, establish links with the school program, involve the school and the community, and define the ecocode. The progression of the Eco-Schools is rewarded with **bronze certificates** (one topic covered in one year), then **silver certificate** (two topics covered in two years), and finally the **Green Flag** (three topics covered in three years), which recognizes the accomplishment of the entire course.

Over time, this process results in **visible improvements** in learning outcomes, in the behavior of students and populations, As well as in the environment surrounding them.

Students, school supervisors and principals, as well as regional and provincial coordinators, are trained in national and regional workshops where the methodology of the program is transmitted and the experience of elders shared.

The Eco-Schools program is one of the flagship programs of the Foundation for Environmental Education (FEE). Today, more than 74 countries around the world have adopted it.

Young reporters for the environment

www.jeunesreporters.org.ma



- ◎ **Partners** | Foundation for Environmental Education (FEE), Ministry of National Education, Preschool and Sports.
- ◎ **Launch date in Morocco** | 2002
- ◎ **High school students reached** | +34,000
- ◎ **Trained supervisors** | +11,000
- ◎ **Number of award-winning reports in the international competition** | 33

It is one of the oldest programs of the Foundation. Created by FEE and one of the first programs implemented by the Foundation, it was introduced in Morocco in 2002. **More than 20 generations** of high school students, then middle school students (since 2017) and finally primary school students (since 2021) have participated in this competition Which concept is simple. A theme is defined each year, the candidates carry out their photographic, written and now video reports (since 2019), under a trained supervisor by the foundation.

The young reporters carry out their investigation like professional journalists, collect their documentation, go into the field, question sources of information. They lend themselves to analytical work and

propose, according to the rules of the competition, solutions to the problems studied. They must then obtain the publication of their work in at least three local media to validate it.

The Young reporters for the environment (also called JRE) reports are sent to the national jury in April, who gives its verdict in May according to the three categories. The best reports from Morocco are sent to the jury of the international competition.

Middle and high school students and their supervisors, academics and regional and provincial coordinators are trained at the start of the school year in **national and regional workshops** where the methodology and new features of the program are transmitted and the experience of former students shared.



- © **Partners** | United Nations Sustainable Development Solutions Network (SDSN), Ministry of National Education, Preschool and Sports, Al Akhawayn University, Ecole Supérieure des Mines de Rabat.
- © **Launch date in Morocco** | 2020

A global program to train eco-citizens

Global Schools is a global program of the Sustainable Development Solutions Network that helps education systems around the world integrate the UN Sustainable Development Goals into school curricula. The program aims to equip every primary and middle school student with the knowledge, values and skills needed to build a sustainable world. Its purpose is to train eco-citizens.

60 lesson plans in all subjects for primary and middle school students must be designed for adaptation in all countries.

80 countries participate in Global Schools.

Morocco, pilot country

Morocco is, with Turkey and Ghana, one of the three pilot countries to prepare the 60 courses in four different languages (English, Turkish, Arabic and French). More than 60 researchers have been

recruited to lead this project. The Mohammed VI Foundation for Environmental Protection, a UNESCO partner, is the host organization for the project.

Morocco's curricula have been evaluated. The analysis and mapping of the twelve years of the school curriculum showed good consideration of the SDGs. **Twelve lesson plans** were produced during this workshop for the pilot classes, in **six different subjects**.

The foundations of the first twelve pilot courses have been laid, tested and validated. They serve as the basis for the design of the 60 pilot courses.



The Global Schools program aims to train school children in the 17 United Nations Sustainable Development Goals.

Aguyen (African Green Universities and Youth Education Network)

www.aguyen.ma

- 🕒 **Partners** | UN Environment
- 🕒 **Launch date in Morocco** | March 17, 2021

A network to green universities

The Green Universities and Youth Education Network in Africa brings together higher education institutions that integrate environment, climate resilience, carbon reduction and sustainability into their education, training and operations on the campuses. Aguyen also raises students' awareness of Sustainable Development.

It is a recent program of the Foundation. A letter of understanding has been signed between the Ecosystems department of the United Nations Environment Program and the Hassan II International Center for Environmental Training for its deployment.

22 universities from eight African countries

(Morocco, Tunisia, Mauritania, Ivory Coast, Senegal, Comoros, Kenya, Uganda) signed a charter of commitment and partnership with the Center in 2021.

- 🕒 Training and awareness raising workshops were organized for African Universities and their students.
- 🕒 The educational tool 'Little Book of Green Nudges' was presented and made available to African universities, then translated into Arabic.



African Youth Climate Hub (AYCH)

www.youthclimatehub.org



- 🕒 **Partners** | Youngo (UNFCCC), OCP Group, Mohammed VI Polytechnic University of Benguerir.
- 🕒 **Launch date** | 2019
- 🕒 **Young Africans reached** | +10000

AYCH is an initiative launched in New York by **Her Royal Highness Princess Lalla Hasna** on the occasion of the Climate Action Summit on September 21, 2019. This initiative is supported by the Children and youth constituency (YOUNGO) of the United Nations Framework Convention on Climate Change (UNFCCC), the OCP group and the Mohammed VI Polytechnic University of Benguerir.

It is a youth network, an environmental start-up incubator, a forum, a knowledge center, an observatory and a dashboard for climate action.

Building the capacity and knowledge of African youth on climate change is one of the main objectives of the African Youth Climate Hub.

An e-learning program, built jointly with the young people for whom it is intended, was launched in October 2021, with a first MOOC (Massive Open Online Course) dealing with Climate Literacy in Africa.

The Incubation program and the Hassan II International Center for Environmental Training hosted at the Mohammed VI Polytechnic University provides, among other things, managerial and environmental knowledge to young entrepreneurs to help them carry out their projects.



Digital inclusion

- 🕒 **Partners** | Ministry of National Education, Preschool and Sports.
- 🕒 **Launch date** | 2020
- 🕒 **Beneficiaries** | +2000 students

This program was put in place during the COVID-19 containment period in the spring of 2020 to allow schoolchildren to continue to follow their education remotely. It has since been renewed every year.

The Foundation distributes between 500 and 1,000 digital tablets to schoolchildren in remote schools in rural areas of Morocco. These tablets also contain curricula from the Ministry of National Education and sustainable development education content developed by the Foundation's Hassan II International Center for Environmental Training.

They are equipped with a 4G SIM card to connect and a 64 GB SD memory card for data, and can be recharged directly thanks to their mini solar charging kit.

Many rural schools without electricity have been electrified to improve their learning and living conditions. Since 2009, the voluntary carbon offset program has equipped more than 1,000 schools for 100,000 students. The companies that finance these facilities offset the CO2 emissions related to the business travel of their staff.



Educational tools

Learning about the environment while playing

The principle of educational tools is to transmit fundamental environmental knowledge in a fun way. These tools are aimed primarily at young people and seek to use the most appropriate channels. Other tools support schools, supervisors and trainers in their awareness-raising work.

Examples of achievements

Pedagogical paths

- 🕒 Exotic gardens in Bouknadel, Hermitage park in Casablanca, Palmeraie in Marrakech, Errahma garden in Dakhla, Hassan II park in El Jadida, Ghabat Chbab in Marrakech, Lahboul in Meknes).
- 🕒 The educational paths take place in spaces open to the public and offer different themes depending on the location.



Online games, awareness sites, phone applications

3D digital platform, interactive game on the lagoon of Marchica and Oued Eddahab, Ana Boundif application.



Guides, posters, videos

- 🕒 Guide to composting Guide to becoming a Eco-School Eco-Schools thematic posters for preschool.





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