



مؤسسة ليدك
Fondation Lydec

Casablanca, March 4, 2020

On the margins of the third edition of the Pan-African Forum on climate change

The wastewater treatment plant of Mediouna invites around 60 women journalists

On the margins of its third edition, the Pan-African Forum is organized by the Moroccan channel "2M" in Casablanca under the theme of "Climate emergency: the African media actors of change"; around 60 African women journalists of the "Pan-African" network have visited the wastewater treatment plant of Mediouna **on the 4th of March 2020**. The purpose of this visit is to discover water resource conservation through the reuse of wastewater in agricultural irrigation.

This exploratory visit comes in preparation of the "Rational Management of Water Resources" workshop.

The African women journalists, hosted by Lydec Fondation, have discovered the station's functioning process, first of its kind in Morocco (and in North Africa) to use the membrane filtering technology.

During this visit, the African journalists were briefed on the characteristics of this advanced technological and environmental station, that was accomplished as a matter of the region's master plan to fight pollution. The plant also aims to protect Oued Hassar from the waste stream of Mediouna, in addition to its contribution in preserving the region's water resources.

Characteristics of the wastewater treatment plant:

Inaugurated by His Majesty King Mohammed VI and former French President Francois Hollande on the 3rd of April 2013, the Mediouna wastewater treatment plant is designed to cater for a population equivalent of 40.000pe, with a potential future increase in volume of up to 80.000pe, which has a treatment capacity of 3,800m³/day. The cost of this investment is 141 million dirhams.

In order to prevent neighborhood nuisance, Lydec has adopted a deodorization system, where the preliminary treatment and sludge drying take place inside a covered building.

As a key operator in the city of Casablanca, and through the nature of its activities, Lydec introduces sustainable development into its core business. In this context, the company ensures that their work ethic is respectful of the environment, and economically and socially responsible. The common goal here is to provide basic services in order to improve the livelihood framework.

The management and rationalization of water resources:

Due to Lydec's commitment for sustainable management of natural resources, it is constantly fighting against the loss of resources and ensures a safe drinking water supply. For example, in 2019, they were able to discover and repair more than 15 000 leaks in their customers' connections and meters and about 1300 leaks in the pipes.

Thanks to innovative technologies to detect and repair water leaks, Lydec managed to save 53 million m³ in 2019 compared to 1997, which is equivalent to the annual size of over a million people.

The Experimental Space of Urban Agriculture:

The experimental space of wastewater treatment plant of Mediouna is an open-air laboratory of urban and biological agriculture. Established within an area of 1.600 square meters, the space is the product of a successful collaboration between different actors, aspiring to develop an experimental field for urban and biological agriculture, to encourage the reuse of purified water for agricultural purposes, and finally, to take part in raising awareness to Lydec's stakeholders (schoolchildren, students, residents, associations, farmers, elected officials...) in favor of environmental protection.

Thanks to a partnership between "Lydec Fondation" and the "Recherche-Action pour le Développement Durable" Association, this space benefits from irrigation with filtered wastewater in the Mediouna plant, which offers 7 growing areas (vegetable garden, edible forest with fruit trees, aromatic plants, etc...) and it also includes a nursery, a biodiversity area and a composting unit.

Through this project, Lydec and its foundation were awarded the Hassan II Environmental Prize for the first time in the "Business Initiatives" category.

About « Lydec Fondation »:

Launched in January 2015, Lydec Fondation's main mission is to support and structure the company's social commitment as part of its CSR policy. It has three areas of intervention:

- **Environment:** Encourages initiatives that help preserve the environment and improve the living conditions of the inhabitants, it also promotes education and awareness to the young generation and the general public on environmental protection.

- **Local solidarity:** Promotes initiatives that support social and economic inclusion in Casablanca. In particular, this social work affects women, children and young people.

- **Societal responsibility:** Allows Lydec employees to collaborate and work with associations through supporting "Aquassistance Maroc", donating their skills and backing up employees' solidarity projects.

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