

## Newsletter Access To Water Foundation, March 2024

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Dear Reader,

In celebration of the upcoming World Water Day on 22 March 2024, the Foundation is pleased to share some exciting news with you.

Since 2012, the Access to Water Foundation (A2W), along with its partner in Senegal, the NGO A2W Senegal, led by Mr. Badara Diom, has been working together to provide free drinking water to an increasingly underserved population in Senegal, where 40% live below the poverty line.

The Foundation's mission is to make a **significant impact on health, economic development, and social well-being**. You can explore numerous testimonials highlighting the scale of this impact on the Foundation's website ([www.accesstowaterfoundation.org](http://www.accesstowaterfoundation.org)) and on Instagram at 'accesstowaterfoundation.'

Last year, we announced that over 90,000 people in water-stressed regions had gained access to clean water. We also shared news about the installation of water treatment solutions in public, private, Christian, and Koranic schools, with a target completion date by the end of 2024. This project is currently underway.

Today we are announcing

- 1) The launch of a new phase to provide **free drinking water in Senegalese schools**, scheduled for 2024-25. This initiative has been made possible thanks to the generous support of a major private donor.
- 2) The installation of water treatment systems at the **hospital in Zou**, Benin, in partnership with the foundation 'Chirurgie pour l'Enfance Africaine,' affiliated with CHUV-Lausanne. This project is co-financed by the Order of St John in Switzerland.
- 3) In Senegal, the **mutualisation model has ensured sustainability**. Over the past year, this business model has proven effective. Here's how it works:



*Martin Luther School, Ndiouwar: extract from the headmaster's comment: " Thank you for this installation...We're happy again... All the children and the teaching staff say thank you to the NGO. Children's health is a priority for a good education ..."*



*Drinking water has an immediate impact on quality of life.*

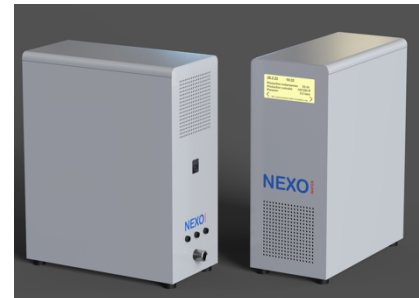
- Several water treatment machines are provided **free of charge to schools and health centers**.
- An equivalent number of machines are offered to social actors—such as town halls, associations, and private partners—on a **flat-rate maintenance subscription**.
- Both groups provide free water to the public through **self-service**.
- To cover their subscription costs, partners can offer cleaning and refilling services for a flat fee, and delivery services at variable rates based on distance. This also creates local employment opportunities, particularly important in a country where 50% of the population is under the age of 20.
- The **income generated from maintenance subscriptions is used to finance the upkeep of all machines in Senegal**, covering technicians' salaries and transport costs.



*New facilities at a school near Fatick. Free water for all!*

In addition to a straightforward business model, **the success of the project relies on top-quality technical solutions**.

Currently, the machines in use, the Nexo V1, are the result of a Swiss-Italian partnership. These machines can produce around 1,200 liters of water per day from all types of raw water, even highly polluted sources.



*Nexo V2, for end 2024: Internet connection, a prepayment system for maintenance costs, and will be self-cleaning!*

The new Nexo V2, scheduled for release by the end of 2024, is currently being tested. It will feature an internet connection, a prepayment system for maintenance fees, and self-cleaning capabilities. It will also be linked to a proactive maintenance system.

These advancements are supported by the Fondation Valéry and the Fondation du Denantou, as well as Swiss companies like Oratek and Italian partners. At the same time, A2W continues its collaboration with the Essential Tech Center at EPFL (École Polytechnique Fédérale de Lausanne).

**Thank you to all the partners involved in the current projects in Senegal.**

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