

# The worlds first sweat machine produces clean water for children

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UNICEF and Gothia Cup have together developed the world's first sweat machine: A machine that extracts sweat from clothes, purifies it and

transforms it into water. The goal is to raise awareness about the lack of clean water in the world, with the main purpose of raising money for water purification tablets for children. Participants and visitors of Gothia Cup are challenged to contribute with their sweaty clothes – and dare to drink a glass of sweat.

UNICEF and Gothia Cup are collaborating under the signature "United for children", with focus on clean drinking [water](#).

– We wanted to raise this subject in a new, playful and engaging way. Our Sweat Machine is a reminder that we all share the same water. We all drink and sweat in the same way, regardless of how we look or what language we speak. Water is everyone's responsibility and concern, says Per Westberg, Deputy Executive Director at UNICEF Sweden.

The machine has been developed by Engineer Andreas Hammar, known from the Swedish Television show "Mekatronik". His main challenge was to extract the sweat from today's smart materials. The [water extraction](#) component comes from HVR Water Purification AB, which has been developed in collaboration with The Royal Institute of Technology in Stockholm, Sweden. It is now being used for the first time in the Sweat Machine.

– There are many different techniques to extract and purify water. The technical challenge was to build the sweat machine like in the space travel industry, where every filthy water drop whether it's cooling water, urine or just sweat, is invaluable. It is hard to believe, but the water extracted from the machine is actually cleaner than ordinary Swedish [tap water](#), says Andreas Hammar.

Two famous soccer players Tobias Hysén and Mohammed Ali Khan were the first to drink a glass of sweat during Gothia Cup. Other famous profiles have been on location to help and contribute with sweat and

raise the question of clean drinking water. During Gothia Cup anyone who wants to are welcome to hand in their sweaty clothes and drink some sweat to support clean drinking water. The expectation is to gather [sweat](#) from more than 70 different nations.

– We're having fun and sweating together in the worlds biggest football tournament for youths. We are very proud to support an organisation like UNICEF in their mission to protect and promote childrens rights, says Dennis Andersson, Secretary General of Gothia Cup.

Provided by UNICEF

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