

# 500kWh Jordanian Solar Container for Wastewater Treatment Plant



## Overview

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At the wastewater treatment plant in Muta Mazar in western Jordan, 1,500 t/a of sewage sludge from 70,000 inhabitants can be dried in a 12 x 80 m greenhouse with a dewatering capacity of 20% DR – a sustainable and climate-neutral solution that uses the available solar. At the wastewater treatment plant in Muta Mazar in western Jordan, 1,500 t/a of sewage sludge from 70,000 inhabitants can be dried in a 12 x 80 m greenhouse with a dewatering capacity of 20% DR – a sustainable and climate-neutral solution that uses the available solar. The solar wastewater treatment plant combines advanced solar photovoltaic power generation technology and sewage treatment technology, uses renewable energy to drive the purification of domestic sewage, and promotes efficient use of resources and sustainable development of the environment. Amman, November 21 (Petra) – Secretary General of the Water Authority Wael Duwairi and Deputy Ambassador of Germany to Jordan Guido Kimmerling inaugurated Jordan's first solar sludge drying system at the Mu'tah and Mazar wastewater treatment plant in Karak Governorate. In a statement issued. After years of intensive consultation and in close co-operation with MENA-Water, we were able to secure the order for the supply of a HUBER Sludgeturner SOLSTICE® line including the associated control system, fans, safety and air-conditioning technology at the beginning of the year. The project, expanding capacity to 40,000 m. TP, recently signed agreement with a contractor to raise its efficiency.

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### [Wastewater Treatment, Reuse and Water Supply](#)

The objective of the GIZ module "Wastewater Treatment, Reuse and Water Supply" (WTR) is to improve the performance of selected water sector institutions in Jordan.

### [Containerized wastewater treatment plant from BioKube](#)

BioKube offers containerized wastewater treatment plants for easy setup and relocation. This solution is ideal for remote locations such as mining camps and oil rig sites.



### [Solar Wastewater Treatment Plant](#)

This system doesn't just treat wastewater--it works seamlessly with BOKAWATER's commercial RO water purifiers and water treatment chemicals, creating a closed-loop water treatment system ...



### [Solar Wastewater Treatment Plant](#)

This system doesn't just treat wastewater--it works seamlessly ...



### [Solar Sludge Drying Project Kicks off in Karak](#)

Amman, November 21 (Petra) - Secretary General of the Water Authority Wael Duwairi and Deputy Ambassador of Germany to Jordan Guido Kimmerling inaugurated Jordan's first solar sludge drying ...



### [HUBER and MENA-Water complete first turnkey project for solar ...](#)

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The technical intervention will be used for the irrigation of three (3) donums in each selected farm. tural-based tertiary wastewater treatment to get water quality compliance with JS 89 each farm is ...



### [Aqaba Water Company Commences Operations at Biogas Power Plant](#)

Aqaba, Jan. 27 (Petra) -- The Aqaba Water Company has officially launched a biogas power generation station at its wastewater treatment facility in northern Aqaba, marking a significant step toward ...



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In the face of acute water scarcity and sanitation challenges emblematic of arid and semi-arid regions (ASARs), this study investigated the transformative upgrade of the Aqaba Conventional ...



### [Jordan's Wastewater Plant Pioneers Green Energy and Biodiversity](#)

The Aqaba Conventional Activated Sludge Wastewater Treatment Plant (CAS-AWWTP) has undergone a significant upgrade, not just to increase its capacity but to integrate cutting-edge ...



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