



## The Aqwiser

### ➤ Greetings from Aqwise!

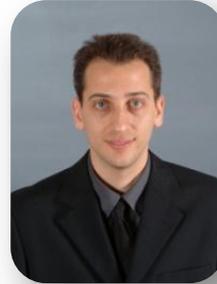
**Dear Aqwise Friend,**

It is true that the ultimate goal of water and wastewater treatment is preserving the environment and health. However, economics are key for every decision we make.

Therefore, in Aqwise we emphasize client savings and Return on Investment. The Aqwise solutions enable retrofit, reuse and recycling of existing equipment, materials and resources – primarily water and energy.

We are inviting you once again to visit the Aqwise stand at [IFAT Munich Trade Fair](#) in May 5-9, 2014 – where you can meet the Aqwise qualified personnel, establish a professional cooperation and receive answers to your questions and needs.

We look forward to seeing you there.



***Elad Frenkel***  
***CEO, Aqwise***

### ➤ Events

**IFAT 2014 – here we come!!**

**Join Aqwise** at the  
[IFAT Munich Trade Fair](#)  
May 5-9, 2014  
@ **Hall A2, Stand 413.**



**IFAT** will present its products and solutions at the  
[SIWW – Singapore International Water Week](#)



### ➤ Did you know?

**?** More people in the world have a mobile phone than a toilet!

### ➤ The Aqwise Package Plants: or how many elephants can you squeeze into a container?

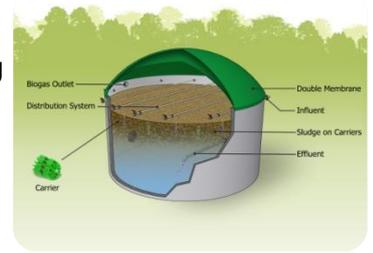
Containerized and compact wastewater treatment solutions become a global standard for small and rural communities, hotels & resorts, industrial parks, gas stations, oil & gas rigs, as well as mining facilities and construction sites. Aqwise recently deployed package plants, based upon its [AGAR® MBBR technology](#), in Africa, the Middle East and Latin America, achieving high standard effluent in a very small footprint.



➤ **Anaerobic treatment in the Pulp & Paper industry: who said nothing is new under the sun?**



The DACS<sup>®</sup> anaerobic solution, by Aqana – an Aqwise joint venture – is currently being implemented in a pulp and paper mill in Italy. The installation, which followed a successful pilot trial, is assimilated inside an existing MBBR tank – and will provide the client with improved plant performance and lower operational costs from day one.



➤ **A Case Study**

**Aqwise Media Clarifier: clarification has never been so clear**

**Plant:** Municipal WWTP

**Client:** Shafir Regional Council, Israel

**Capacity:** 3,200 m<sup>3</sup>/d



**Overview**

The wastewater treatment plant was required to meet strict discharge limits while minimizing operational costs. An AGAR<sup>®</sup> MBBR configuration was implemented to ensure efficient soluble pollutants removal including nitrification and followed by tertiary treatment (filtration and disinfection).

**Solution**

The Aqwise Media Clarifier (AMC) is a secondary biomass separation unit dealing with typical sedimentation characteristics of MBBR systems by the integration of clarifier and a unique media layer.

The AMC unit is extremely compact, saving about 65% of the footprint required compared to conventional clarifiers, and practically eliminates the use of chemicals for coagulation and flocculation.

**Results**

The plant is operating efficiently, meeting strict regulatory requirements, including low TSS limits below 20 mg/l, without the use of chemicals for clarification.

📄 Visit **Aqwise** new [website](#) – for more information and updates.

📄 We look forward to being in touch with you through our [Facebook](#) page and through our [Twitter](#) account

**About Aqwise**

Aqwise is a world leader in the development and implementation of innovative water and wastewater treatment solutions. Aqwise's innovative, field-proven technology reduces BOD levels and increases nutrient removal capabilities. Aqwise offers both aerobic (AGAR<sup>®</sup> MBBR, AGAR<sup>®</sup> IFAS) and anaerobic (DACs<sup>®</sup>, DACs<sup>®</sup> DANA) solutions for diverse range of industrial and municipal needs and delivers integrated, tailor-made solutions for both new and existing plants – from small scale compact units to large scale facilities.

With hundreds of water and wastewater treatment plants successfully implemented worldwide, Aqwise project deployment methodology and wide range of services are designed to meet global clients' priorities and operational needs.

Aqwise is headquartered in Israel and has regional offices and commercial representation in Latin America, North America, Europe and CIS, the Middle East and Asia Pacific.

**Questions? Comments? Email us: [theaqwiser@aqwise.com](mailto:theaqwiser@aqwise.com) | [info@aqwise.com](mailto:info@aqwise.com) or visit us: [www.aqwise.com](http://www.aqwise.com)**