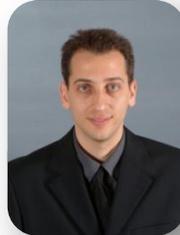




## The Aqwiser

### ➤ Happy New Year from Aqwise!

During the year 2013, Aqwise solutions were selected globally and were proven to be cost effective for a variety of markets and customer needs.



In the past year we have strengthened our position as a leading player in the field of advanced biological water and wastewater treatment, and have launched two first and innovative full-scale commercial applications:

- A new biological treatment facility for groundwater, providing potable water for a kibbutz in Israel.
- First of its kind Anaerobic DACS<sup>®</sup> solution in the F&B sector, implemented by [Aqana](#), an Aqwise Joint Venture.

We are certain that the coming year will bring on new and exciting challenges in both technological development and implementation of Aqwise solutions worldwide.

Wishing all of you a healthy and prosperous new year,

*Elad Frenkel, CEO*

### ➤ Awards and Events

- 📌 Aqwise **was ranked** the 6<sup>th</sup> year in a row as one of the 50 fastest growing technology companies in Israel.

**Deloitte.**  
Technology Fast50

- 📌 **WATEC 2013 Conference and Exhibition**, which took place in October 22-24, 2013 in Tel Aviv, Israel – was a great success. With over 15,000 visitors from over 90 countries – Aqwise strengthened its global positioning.



- 📌 Aqwise will present its products and solutions at the **IFAT 2014 Trade Fair**, taking place in Munich, Germany on May 5-9, 2014.

**Visit us @ HALL A2, STAND 413**



### ➤ Aqwise signs a major Turn-Key wastewater treatment project in Northern Mexico

Aqwise will provide a Turn-Key wastewater treatment project in Durango, Mexico. The facility will utilize Aqwise unique **AGAR<sup>®</sup> technology** and will treat 3,500 m<sup>3</sup>/day of sanitary wastewater, which will be reused for the mining industry. The solution provides the region and the client with an environmental-friendly approach, as well as significant cost savings. The signing took place in the Presidential Palace of Mexico, during the visit of Mr. Shimon Peres, The President of the State of Israel, to Mexico.



➤ **Let's have a toast for the new year:  
Case Study – Törley Winery WWTP, Hungary**



**Aqwise technology was successfully implemented in a winery wastewater treatment plant in Hungary.**

Törley Winery, one of Hungary's leading manufacturers of sparkling wine, was required to install a biological treatment plant to reduce loads of BOD & COD discharged to the municipal sewer system.

**Main Challenges**

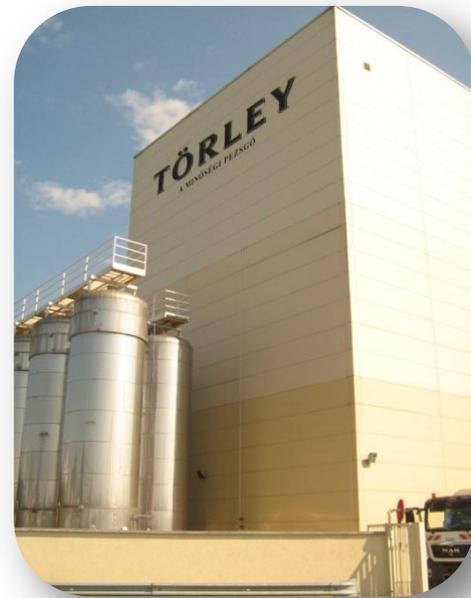
The new wastewater treatment plant had to meet two major challenges:

- Significant seasonal variation in wastewater flows and BOD/COD loads in the winery wastewater between high/vintage season, lasting only 3 months per year, and low/bottling season during the remaining 9 months. Increase of flow by 75% and organic load by 200% from low to high seasons.
- Very limited footprint available to construct the WWTP.

**Solution**

A two stage MBBR was installed, with both stages in operation at high season and a single stage in operation at low season.

MBBR reactor size allowed building the plant on the limited footprint available at site for WWTP construction.



**Capacity: 350 m<sup>3</sup>/d**



*Törley MBBR reactor*

 **Aqwise** is proud to present its new [website](#) – just recently aired.

 We at Aqwise look forward to being in touch with you through our new website, 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 at: [theaqwiser@aqwise.com](mailto:theaqwiser@aqwise.com) | [info@aqwise.com](mailto:info@aqwise.com)**

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