



---

Under embargo till 8 am GMT 5 May 2008

---

## **AqWise launches the next generation Remote N' Control™ solution for total nitrogen removal and introduces its AGAR® process at IFAT 2008**

***AqWise's new DenitriFiltration unit offers extensive nitrogen removal combined with solids separation***

**IFAT, Munich, 5 - 11 May 2008** – AqWise, Hall A3, Booth 300, will be launching its new Remote N' Control solution for small-to-medium sized wastewater treatment plants and highlighting its innovative AGAR® (Attached Growth Airlift Reactor) fixed biofilm moving bed process.

The new AqWise Remote N' Control process has been developed to provide high cBOD and total nitrogen removal capability. The new dual action de-nitrification and effluent filtration solution reduces a wastewater treatment plant's footprint and process complexity while still meeting the most stringent nitrogen level requirements. The Remote N' Control also allows automatic and remote operation, with very little need for human intervention for remote and small to-medium wastewater treatment plants, serving, for example, local communities, hotels and resorts and army installations.

In addition to the Remote N' Control solution, AqWise will also highlight its proprietary AGAR® Applications for municipal and industrial wastewater plants. The AGAR® technology is a result of more than a decade of intensive multi-disciplinary research and development. Integrating Fixed Film and Suspended Growth technologies, it is considered as the "next-generation" in biological wastewater treatment methods.

By using Aqwise's solutions, municipalities can cope with increased regulation, aging infrastructure and growing population. Industrial plants can meet the strict regulatory requirements for discharging wastewater to the environment or to municipal collection systems and solve typical industrial problems such as variable inflow, seasonal peaks, and high organic load.

The AGAR® technology combines a unique fully open-fully protected biomass carrier with a highly efficient aeration and mixing design. This results in superior effective surface area for biomass growth and optimal oxygen transfer efficiency.

AqWise's technology has already been successfully implemented worldwide in installations for both BOD and nitrogen removal and is suitable for municipal wastewater treatment plants, as well as for various industrial applications, such as: food and beverage, pulp and paper, oil and gas, bio fuel, chemicals, pharmaceuticals, re-use and aquaculture.

### **AqWise Solution - Clear and Simple**

#### The AGAR® Advantage

- Cost efficient
  - Significantly low capital and operating expenses
  - Immediate capacity increase for existing system upgrades
  - Competitive price for new installations
  - Low sludge yield and improved sludge quality
- Small foot print
  - No need for reactor infrastructure expansion when upgrading an existing system
  - Highly effective treatment procedure in new installations
- Fast deployment
  - In new installations and retrofits
  - Tailor-made design that meets variable plant requirements
- Scalable and simple operation
  - Allows accurate investment planning based on actual needs
  - Just in-time investment
  - Low maintenance with minimal operator's intervention
- Flexible and innovative technology
  - Superior effective surface area carrier design
  - High media life expectancy
- Intensive nitrification
  - Meets the most stringent nitrogen removal regulations with minimal process complexity
- Environmentally friendly
  - Odorless action
  - Energy efficient
  - Uses recycled material

**- END -**

## **About AqWise**

Aqwise is a world leader in the development and implementation of advanced wastewater treatment solutions for the Industrial and Municipal markets. Aqwise's proprietary AGAR® (Attached Growth Airlift Reactor) family of solutions significantly increases the capacity and efficiency of existing wastewater treatment plants, while offering compact and scalable deployments of new plants. The company offers a wide range of services, from process design through full turn-key project management.

Aqwise's solutions have been successfully installed in dozens of municipal and industrial plants around the world, serving a variety of industries including Food & Beverage, Pulp & Paper, Aquaculture and more.

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

[www.aqwise.com](http://www.aqwise.com)

**For more media information or images please contact:**

**Ranbir Sahota**  
Vitis PR  
+ 44 (0) 121 242 8048  
[ranbir@vitispr.com](mailto:ranbir@vitispr.com)

**OR**

**Katrin Naefe**  
Vitis PR  
+ 44(0) 1295 256138  
[Katrin@vitispr.com](mailto:Katrin@vitispr.com)