

ADVANCED SOLUTIONS FOR INDUSTRIAL WASTEWATER TREATMENT

bluegen
water

aqana

for generations to come

Process Package

Proprietary technologies, design services and advanced equipment

R&D

Turn-Key Project EPC

For a seamless delivery

bluegen

Financing Solutions

Tailor-made financial models

Professional Services

R&D (pilot systems)

Process supervision

O&M

ges

Global Environmental Solutions

aqwise

Advanced technologies

aqana

Anaerobic wastewater treatment solutions

43M

Nm³/year produced Biogas

515M+

m³/year treated wastewater

280M+

m³/year treated water

470+

Industrial deployments

60+

Countries worldwide

550+

Municipal installations



Founded in 1988



Owned by Generation (80%)
and Migdal (20%)



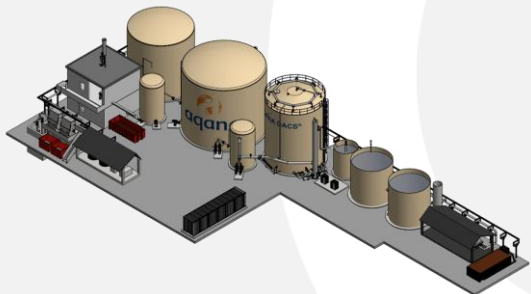
Vast experience in mega
PPP projects



1,050
Employees



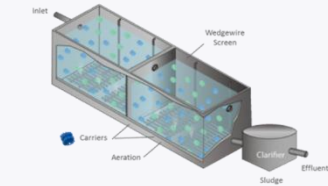
AQANA is active worldwide and serves a wide variety of industries applying the most suitable technology based on case-by-case.



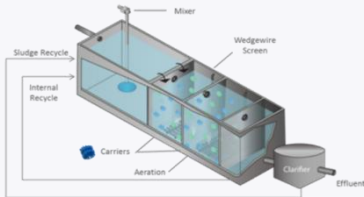
Industrial sectors



AGAR® Aerobic Processes



AGAR® MBBR



AGAR® IFAS

Carriers characteristics:

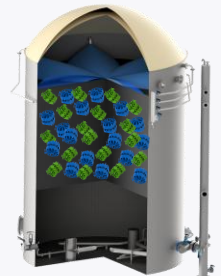
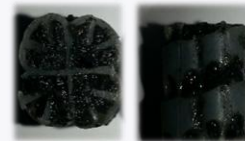
- Density 0.96 - 0.97 gr/cm³
- Highly open external design
- In HDPE
- Optimal effluent contact time
- Non-clogging / auto-cleaning
- >650 m²/m³ effective surface area

Granular-sludge-based systems, developed over 40 years ago, have a narrow operational window, heavily affected by influent conditions.

For this reason AQANA developed the DACS® system, a carrier-based anaerobic reactor.

DACS® Anaerobic Processes

DACS®





Laboratories



Field test facilities

AQANA & BlueGen water are actively involved in the development of new and innovative biological solutions:

Research Facilities

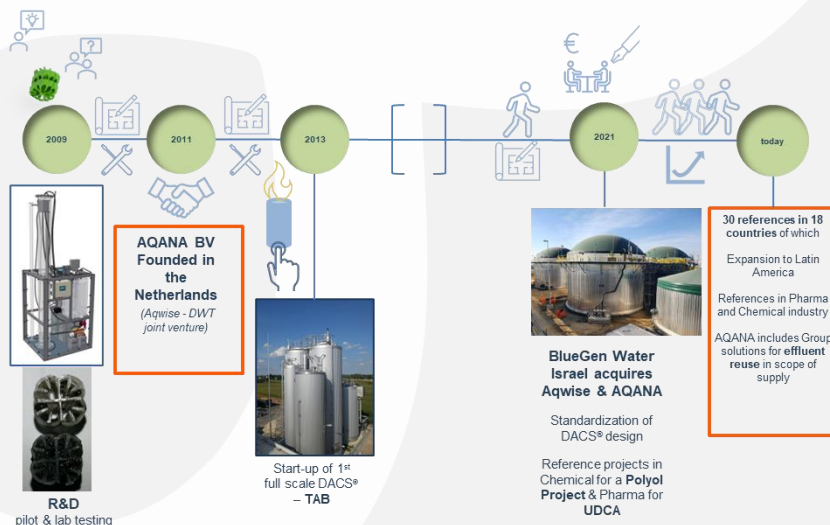
- R&D centers located in The Netherlands and Israel
- Biological process excellence center

Wastewater Treatment

- Development of new technologies for changing standards
- Using expert field engineers' knowledge of customer production process to tailor the treated wastewater reuse

Drinking Water

- Focus on efficient treatment of emerging pollutants



R&D is in our DNA!



AQANA operates worldwide with more than 27 references and continues to innovate and evolve technologies and products to meet the ever-changing needs of the industry to preserve the environment.



for generations to come

aqana
partnering with nature

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