





## Emergence of New Challenges

ater is needed to sustain life with growing population, but also as an input to many processes or industries that society depends on. Potable water for human consumption needs to be primarily available where needed but also purified to high quality. As a result of the increasing water consumption and pollution, more efficient and specific treatments are required.

Axens has a long history in water treatment, with products, internal expertise, and partners to offer solutions for many challenges such as treatment of storm water, effluents and contaminated water resources. Positioned globally, Axens is covering existing and emerging applications wherever they occur such as water reuse or recycling. With continuing investment in the water treatment market Axens can confidently support this market now, and in the future.

## Axens Solutions Key Figures



Manufacturing Sites on 2 continents: America and Europe



35 years of adsorbents production



Over 70,000

tons of catalysts and adsorbents each year coupled with catalysts services

66

Safe and readily available
water is important for
public health, whether it is
used for drinking, domestic
use, food production or
recreational purposes.
Improved water supply
and sanitation, and better
management of water
resources, can boost
countries' economic growth
and can contribute greatly
to poverty reduction.

99

66

Inadequate management of urban, industrial, and agricultural wastewater means the drinking-water of hundreds of millions of people is dangerously contaminated or chemically polluted.

99

From World Health
Organization Website:
https://www.who.int/home



Thanks to a portfolio of high performance products and valuable client support throughout all phases of the process, D&F Techniek is the partner of choice in many areas of the water treatment industry.

and minimizes the cost of abatement.



More than customers used ActiGuard™ **Products** 

ActiGuard™ AA400G	Unpromoted activated alumina granule suitable for regenerating applications
ActiGuard™ AAFS50	Enhanced activated alumina granule with increased capacity and selectivity for many contaminants
ActiGuard <sup>™</sup> F	Enhanced activated alumina granule with increased capacity for single use fluoride removal systems
ActiGuard <sup>™</sup> R	Enhanced activated alumina granule with increased capacity and selectivity for remediation applications
ActiGuard™ 320	Unpromoted activated alumina trilobe with unique shape and capacity for specific application



PETROCHEMICALS



GASES



ALTERNATIVES & RENEWABLES



WATER



Axens is a Group providing a complete range of solutions for the conversion of oil and biomass to cleaner fuels, the production and purification of major petrochemical intermediates as well as all of natural gas treatment and conversion options. The integrated offer includes technologies, equipment, furnaces, modular units, catalysts, adsorbents and related services, commercialized under "Axens Solutions", "Heurtey Petrochem Solutions" and "Axens Horizon" brands.