



WATER TECHNOLOGIES Executive Summary



De Nora is a leading player in Water Technologies



Leader in attractive market niches

Leading position in key water and wastewater segments



Balanced geographic footprint with diverse technology offering







Growth driven by increased regulatory and sustainability requirements

Higher regulatory-driven water requirements; Resource scarcity



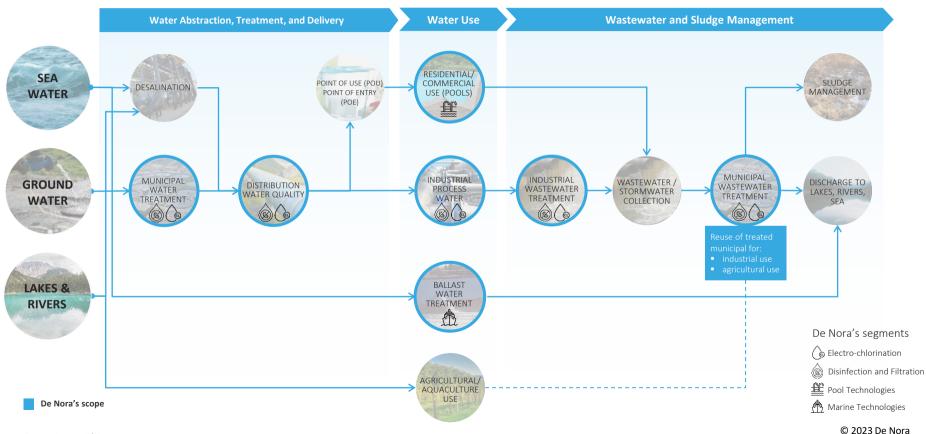
Replacement service boosted by growing installed base

Serving the largest installed base of electrochlorination solutions

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Today De Nora provides water treatment technologies for municipal, residential, industrial, and marine end users





De Nora addresses its customers' needs via four distinct segments





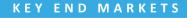
TECHNOLOGIES

POOL

Self-cleaning metal-coated titanium electrodes for salt chlorinators.

APPLICATION

Disinfection of swimming pools



in Pool Technologies¹



DISINFECTION &



Gas feed chlorination and Ozone systems. Chlorine dioxide treatment and Ultraviolet treatment. Gravity and pressure media filtration. Ion exchange.

APPLICATION

- Chemical removal or reduction of microorganisms in water
- Separation of inorganic and organic solids from water and wastewater

END MARKETS **K F Y**







MARINE **TECHNOLOGIES**

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Electro-chlorination and Ultraviolet based Ballast Water treatment applications. Marine sewage treatment.

APPLICATION

TECHNOLOGIES

Seawater, onsite and advanced

electro-chlorination plants and

systems.

Production of chlorinated solutions

in Municipal

Chlorination

ELECTRO-

CHLORINATION

APPLICATION

- Ballast water tankers, bulk carriers. and other vessels
- Wastewater applications for cruise ships

KEY END MARKETS





in Municipa Disinfection¹ 1. Source: Amane Advisors. Market positioning based on alobal presence and reach and broadness of portfolio technologies.

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POOL TECHNOLOGIES

De Nora's innovative technologies are increasingly taking share from traditional systems

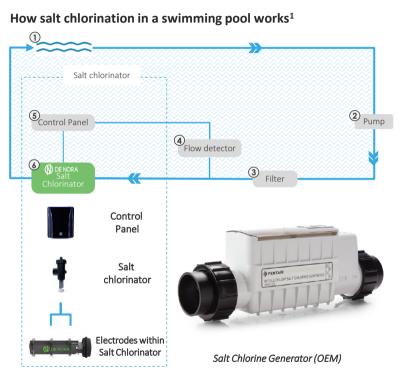


KEY SOLUTIONS OFFERING

De Nora is a manufacturer of coated blades electrodes, a key component for the salt chlorinators that are used for water disinfection in swimming pools.

A D V A N T A G E S V S. T R A D I T I O N A L C H L O R I N A T I O N

- Better water quality, kinder to skin, eyes, and hair
- High reliability of the system
- Lower maintenance cost
- Residual disinfectant



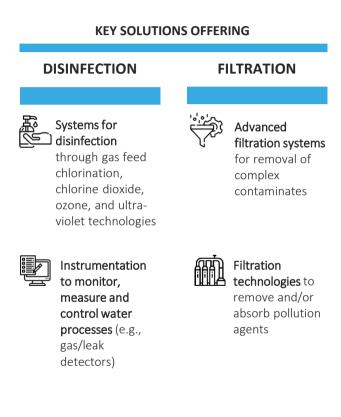
DE NORA'S DIFFERENTIATING FACTORS

- ✓ High-quality products
- ✓ Production capacity & timely delivery
- ✓ Collaboration in R&D, established and trusted relationships

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DISINFECTION & FILTRATION

De Nora has the full suite of disinfection and key filtration solutions to address evolving customer and market needs





De Nora TETRA® mDBF Filters Southern Water, Tangmere WTW, UK



Capital Controls® UV Disinfection



SORB™ FX Contaminant Removal (PFAS)

DE NORA'S DIFFERENTIATING FACTORS

- ✓ Innovative combination of technologies for a multibarrier approach
- ✓ High efficiency, uptime, and yield
- ✓ Brand recognition, customer intimacy, and global reach with pre and post-sales product support
- ✓ Safe and reliable product design coupled with longlife equipment
- ✓ De Nora as a pioneer of chlorine gas and onsite generation

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ELECTRO-CHLORINATION

De Nora is a global leader¹ with an extensive product portfolio



Systems producing biocides from salt water (seawater or brine) through an electrochemical process



Equipment, systems and complete plants for onsite oxidants generation (onshore and offshore)



Electro-chlorination units for biofouling control in power plants, cooling towers, LNG terminals, and desalination facilities



SANILEC[®] Seawater Electro-chlorination



ClorTec[®] On-Site Hypochlorite Generator



SEACLOR[®] Electrolyser EDF Dungeness Nuclear Power Plant, UK

DE NORA'S DIFFERENTIATING FACTORS

- ✓ Proven standard products with highest efficiency, safe operations, and regulatory compliance
- Manufacturer of own cell plates using marketleading technology, including only selfcleaning cell technology available
- ✓ Largest installed base, driving aftermarket potential

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MARINE TECHNOLOGIES

De Nora provides two key technologies for ballast water treatment as well as novel sewage treatment solutions





Provider of **ballast water solutions** based on **electro-chlorination technologies** for larger tanks and ships



Provider of **ballast water solutions** based on **ultraviolet technologies** for small and medium sized ships



Provider of sewage treatment solutions



BALPURE® Ballast Water Management



Hyde GUARDIAN® Ballast Water Management System



MARINER[™] Series 55 installed onboard Australian Royal Navy, Cape Class

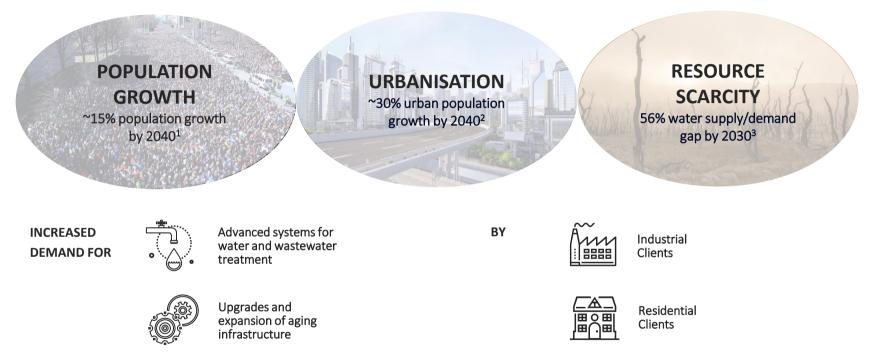
DE NORA'S DIFFERENTIATING FACTORS

- ✓ Ability to serve a large portion of the market through ultraviolet and electro-chlorination technologies
- ✓ Worldwide market presence
- Existing relationship with end users (e.g., shipyards)

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Strong megatrends providing tailwinds for the demand of water technologies





Solutions with higher efficiency, uptime and yield

Municipalities

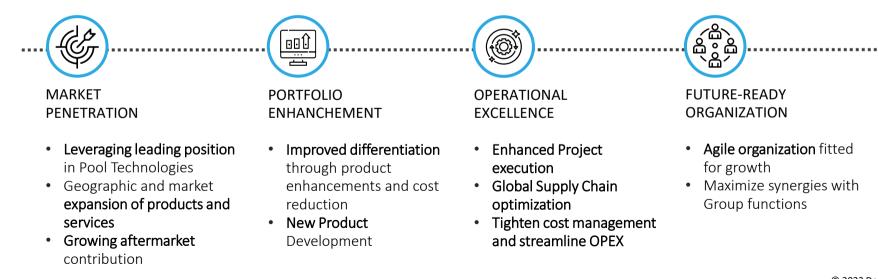
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WATER TECHNOLOGIES Strategy

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«Positioning De Nora for profitable growth through value additions and efficiency enhancements.»



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