

Executive Summary 2020

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COMPANY PRESENTATION

Founded 2020 in Singapore, Liqwotec International Ltd. is in charge of the global trade and marketing of products of liqwotec GmbH, Germany, which combines the expertise of EWR AG, one of Europe's leading energy service providers with the outstanding chemical engineering skills of Rowe Group, a fast growing German manufacturer of synthetics. Based on over 100 years of experience in energy supply and water management, EWR AG offers its 260.000 partners and clients sustainable and innovative solutions in this field, while ROWE AG produces and distributes lubricants, additives, coolants, brake fluids and customized high tech products for various industries.

Liqwotec core competence lies in the research and manufacture of highly specialised products to protect against and combat corrosion, calcification and silting up of heating/cooling and geothermal systems. We are setting new industry standards in terms of efficiency, handling and the environment with our state-of-the-art facilities for the production of high-tech additives.

The high-tech products developed in our own laboratories help our customers to save costs in the long and medium term. These are costs caused by corrosion, calcification, silting up and the resulting damage in pipe systems and their components. Our products are manufactured according to the latest standards and are subject to constant controls in order to meet our high-quality standards. We at Liqwotec International Pte. Ltd. are your reliable partner and application specialist for **high-tech products 'Made in Germany'**.



HARD FACTS & COMPETITIVE ADVANTAGES

30%

Our customers can save up to 30% on operating costs within 5 years.

5 years

In long-term and successful use in district heating systems for more than 5 years.

100 tonnes

Our production capacity is currently 100 tonnes per day.

40%

UN projects assume that by 2030 we will experience a water shortage of approximately 40%.

36 months

We give a 3-year guarantee of faultless water in your system.

Millions

Every day, many millions of litres of drinking water are wasted when filling heating systems.

EU funding possible

The effectiveness of our products has been confirmed by institutions. This means that funding can be applied for the energetic renovation of heating/cooling systems. The level of funding is subject to country-specific variations.

ADVANTAGES

- **COMPREHENSIVE CORROSION PROTECTION** for all kinds of metals
- **IMMEDIATE EFFECT** shortly after filling
- **COST EFFICIENT & UNIVERSALLY** applicable product
- **EASY HANDLING - NO HARMFUL SUBSTANCES** within the meaning of the transport/storage regulations
- **EASY TO ADD DURING OPERATION** systems need not be stopped
- **CONTAINMENT & REMOVAL** of existing corrosion sources
- **EFFICIENT CLEANING EFFECT** for systems that have silted up
- **SUSTAINABLE IMPROVEMENT** of service life and function

Threat of corrosion & calcification

THE CONSEQUENCES ARE NUMEROUS AND ALL DISADVANTAGEOUS

- Rising energy costs due to poor heat transfer
- Increased personnel/material deployment due to malfunctions
- Premature wear/exchange of expensive and sensitive components
- Unforeseeable costs during the amortization periods for suppliers

OUR PRODUCTS

With our high-tech products we offer energy suppliers, industry, shipping, building services, manufacturers and processors of systems and components a unique portfolio for the protection, renovation and maintenance of cooling and heating systems. Always striving for the highest performance and for your contribution to a greener future.

SZ Super Concentrate ECO 2

The patented SZ SUPER CONCENTRATE ECO 2 was developed for the prevention and control of corrosion, calcification and silting up of any kind in expensive heating, cooling and geothermal systems.

As one of the few specialists who are global leaders with their own production, we offer our customers a **reliable, clean** and **cost-saving** solution in SZ SUPER CONCENTRATE ECO 2.

MODE OF OPERATION

By mixing SZ Super Concentrate ECO 2 with water, a protective nanofilm is formed between the inner surfaces of pipelines, all installed components and the heat transfer fluid. The resulting permanent protective film stops or prevents corrosion of individual metal parts and composite materials as well as the deposit of dirt and metal particles.

SZ Super Concentrate ECO 2 adheres to suspended and solid matter, which is separated by the filter systems after binding. This hybrid process subsequently ensures the purification and clarification of the system water.

SZ Cleaner ECO

High-tech specialist cleaner with a patented formulation for closed and open heating, cooling and geothermal systems, as well as heat exchangers and other water-bearing systems for the removal of corrosion products, lime and oil residues. This system cleaner can be used for all materials used in these installations, such as steel, iron alloys, aluminium, copper, etc.

MODE OF OPERATION

With the highly efficient mode of operation that takes place in only a few minutes, even at room temperature, you can clean your systems on site, quickly and safely.

Operations can be quickly resumed without long downtimes and with only minimal logistical effort. Efficiency through **IN SITU** application.

SATISFIED CUSTOMERS

The basis of every successful company.

Our innovative, highly effective and environmentally friendly products are being used successfully all over the world and support our customers to achieve their objectives in a sustainable manner. Whether your company is large, medium-sized or small, our products can be used in many different sectors.

- District heating operators
- Local and municipal utilities
- Industrial, private and commercial heating and cooling systems
- In geothermal energy systems
- For leading manufacturers of combined heat and power plants and gas-powered engines



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