AQUALOGY

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TRANSCENDING WATER INTO WELLBEING

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Aqualogy's efforts throughout the world highlight precisely why it is positioned as a global benchmark when it comes to providing water solutions for sustainable development

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A chemical compound whose molecules are made up of one oxygen and two hydrogen atoms connected by covalent bonds, it covers 71 percent of the earth's surface and is a vital ingredient to all known forms of life. I am of course referring to water, a commodity that can all too often be taken for granted for people living in developed societies

The same however can certainly not be said about Aqualogy, the global brand of integrated water solutions for sustainable development. It understands that water is essential to achieving a higher quality of life and wellbeing in society, as well as being a basic resource for productive economies on all continents. It is for that reason that the company sets out to tackle the serious challenges posed by the lack of proper water management in parts of the world by providing intelligent and innovative solutions that also help facilitate sustainable development.

It is the company's mission to promote research based on knowledge and experience in order to respond to the current and future challenges of its customers and society, thus allowing it to become the leading figure in the development of water solutions and technologies. In striving to achieve this Aqualogy conducts itself under a strict set of values which include maintaining excellence in its performance, its commitment to innovation and the talent of its people, its ability to adapt to each individual customer's needs, and its commitment to creating lasting value.

Aqualogy is present anywhere in the world where it is able to provide solutions to improve

View of La Farfana sewage treatment works in Chile

Detail of one the installations at La Farfana sewage treatment works in Chile

71%

Of our planet's surface is covered with water

water management. Indeed its global reach is impressive by any standards, what with 1,939 drinking water treatment plants, 264 desalination plants, 20 supply networks, 726 sewerage networks and more than 10,000 professionals based across the world.

In locations subject to shortages, such as northern Africa, the company is helping to ensure water supplies, while in Europe it is working to develop integrated solutions for the urban water cycle and serve the demanding needs of the food, energy, healthcare, tourism and pharmaceuticals sectors. Meanwhile, in Turkey it is preparing innovative initiatives that it believes will open the door to new markets.

Elsewhere, Aqualogy provides solutions tailored to the needs of its customers in the United States, Mexico and Brazil, while in Chile it has established a successful model for integrated water management. In rural Latin America it has also implemented several projects relating to water access and the promotion of efficiency in the use of water resources.

All of Aqualogy's activities are executed using its own resources, either through public-private partnerships or in collaboration with other companies. Its four main areas of activity involve providing solutions to companies within the water sector, developing

One of the installations of La Farfana sewage treatment works in Chile

hydraulic engineering building projects, providing specialised services and solutions aimed at improving water management, and offering services based on knowledge and people management.

Examples of Aqualogy's work have their roots in all manner of industry sectors and global regions. For instance, in Oran, Algeria, the company has installed its iDROLOC system to search for leaks in the drinking water supply network. The system itself uses helium as a tracer gas to pipelines where conventional acoustic methods cannot be used to locate leaks.

Oran is familiar territory for Aqualogy with the company previously contributing to a number of important projects including meeting the challenge of providing the population of the entire province with water 24 hours a day and modernising its water analysis laboratories.

Head west across the South Atlantic Ocean and across South America into Colombia and you will find yet more evidence of the diversified work of the company, this time in the form of its role of supervisor in the construction of a submarine outfall. Built over a period of 17 months in the city of

"AQUALOGY UNDERSTANDS THAT WATER IS ESSENTIAL TO ACHIEVING A HIGHER QUALITY OF LIFE AND WELLBEING IN SOCIETY"

The Ice Pigging technological solution truck

Idroloc system, centred on leak location

View of La Farfana sewage treatment works in Chile

> "AQUALOGY AIMS TO BECOME A BENCHMARK IN EACH AND EVERY SECTOR IN WHICH IT OPERATES AND A KEY PARTNER FOR WATER-RELATED AND ENVIRONMENTAL PROJECTS"

Cartagena de Indias, this outfall is the third largest anywhere in the world and completes the city's plan to install a network of aqueducts, sewerage systems and basic treatment facilities. The outfall constitutes the most important project within the water sector for the city and means that Cartagena de Indias will become the first city in Colombia to be able to treat 100 percent of its wastewater.

Aqualogy aims to become a benchmark in each and every sector in which it operates and a key partner for water-related and environmental projects. To do so Aqualogy offers its customers its solutions and technologies, in order to provide a high-quality service, adapted to suit their needs.

The company presently focus its efforts here on three important value drivers. They are the optimisation of the amount of water required in a given process, in order to draw up contingency plans and water source studies; the quality of the water and the environmental impact, from the prior treatment of process water to wastewater treatment; and the optimisation of water-related operations, with the operation and maintenance of assets and the supply of materials and products.

Come 2050, it is expected that the world's population will have reached approximately nine billion people, the majority of whom will remain concentrated in large metropolises. Combine this with the effects of climate change and it appears inevitable that water will increasingly become one of the most valued and sought after assets on earth, when it comes to both domestic consumption and use in agriculture, industry and services.

Aqualogy understands that in facing such a future it is imperative that sustainable water management models continue to be promoted. This will enable water to remain available to the entire population that encourages wellbeing and economic development. This has been Aqualogy's fundamental aim since the day it was created, therefore it stands to reason that every decision it makes or project it takes on going forward will be designed to achieve a future where H2O continues to flow. BE

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