



Sustainability at Belimed

Belimed
Infection Control

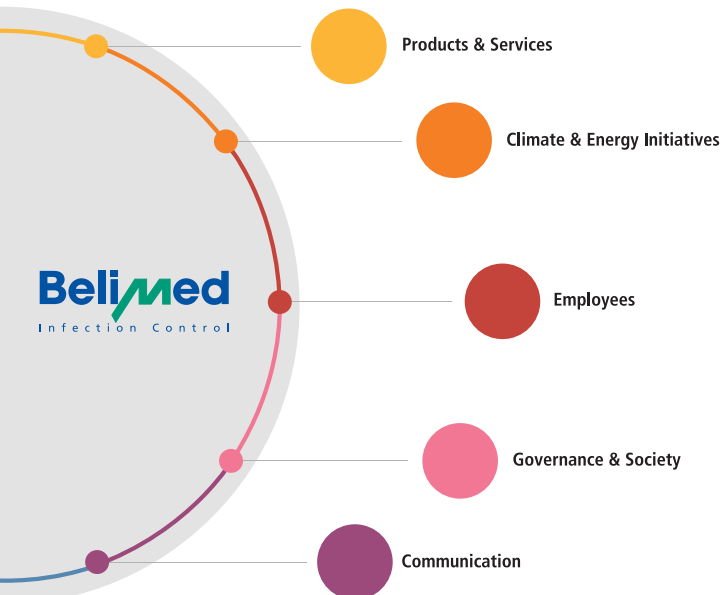
Introduction

According to the European Commission (2008), "...the way we produce, use and dispose of goods is unsustainable and is rapidly depleting the planet's natural resources". Since the end of WW2, global production and consumption has risen exponentially, such that global economic development now poses a threat to the sustainable future of the environment. It is a threat to all major industries and businesses globally and to the long term economy.

In recent years a new set of international standards have been established, including the **Paris Agreement on climate change** and the **UN Sustainable Development Goals (SDGs)**. These initiatives now provide a sustainable global agenda for businesses and society to follow.

Sustainability is becoming more important for all industries and all companies around the world. An estimated 62 % of executives consider a sustainability policy essential to be competitive today, with a further 22 % who agree it will be needed in the future.

Belimed Sustainability Roadmap



SUSTAINABLE DEVELOPMENT GOALS



The Company

Belimed, a successful Swiss company with a long tradition, has been developing, producing and installing high-quality and resource-efficient infection control equipment for

over half a century. Belimed forms part of **Metall Zug**, a group of industrial companies headquartered in Zug, with six divisions and a workforce of around 5,000.

Metall Zug Group Zug

Household Appliances

V-ZUG Ltd
Zug

Infection Control

Belimed AG
Zug

Wire Proccession

Schleuniger Holding AG
Thun

Medical Devices

Haag-Streit Holding AG
Köniz

Technology Cluster & Infra

V-ZUG Ltd
Zug

Corporate

Metall Zug Ltd
Zug

Life Science Solution

Belimed Life Science Ltd
Sulgen



Issues Facing Healthcare Today

1. The world's population is ageing rapidly

Demand for healthcare is growing and hospitals must keep up with demand. Patients are typically better informed today and expect higher standards of healthcare, as a result the technology requirements and hospital regulations are becoming more complex.

3. Higher Productivity

This growing demand, combined with cost pressure can also have a direct impact on the well-being of healthcare staff. The challenge is to manage both physical and mental stress so that mistakes are avoided. A vicious circle, which if not managed will also affect the safety of patients.

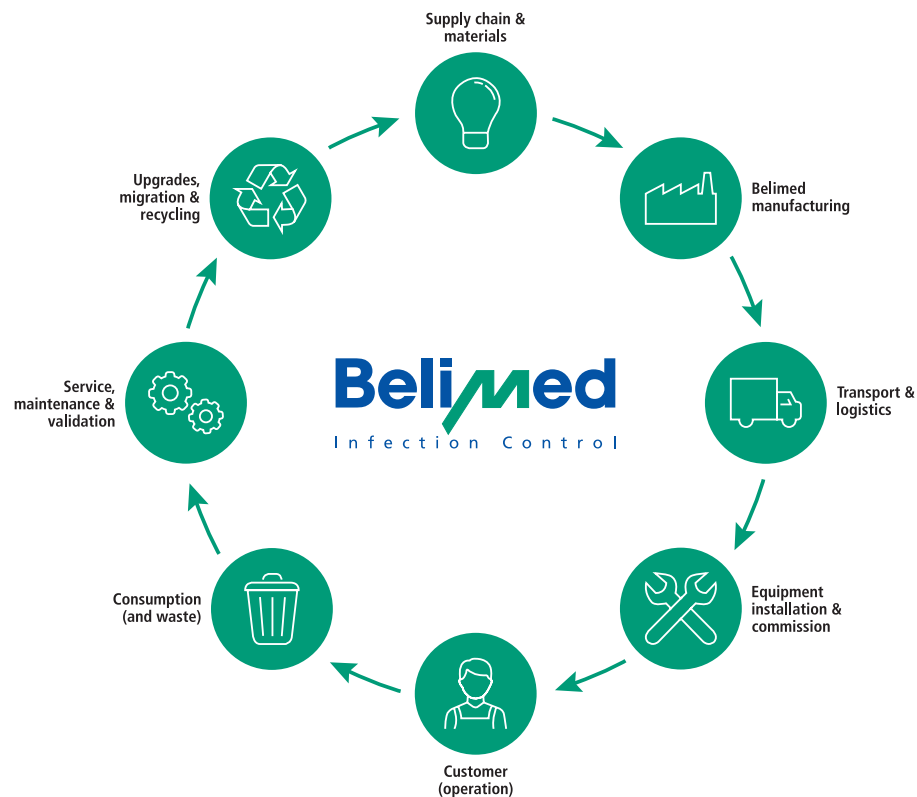
2. Continuously rising costs and resource scarcity

Hospitals have 24/7 operation and are huge consumers of power, water, medicines, consumables and materials. This poses a significant challenge for the environment (carbon emissions, waste product, chemicals) and also for the hospital to remain competitive.

Sustainability @Belimed

Sustainability is a key element of Belimed's corporate strategy and a strategic pillar for all companies within the Metall Zug Group. We are integrating sustainability throughout our organisation; starting from our production facilities and supply chains, to innovative technologies within our equipment and a lifecycle approach for our service plans.

Sustainable Belimed products and services provide operational benefits for our customers and are an important factor in the global challenge to reduce the global carbon footprint and the impact on the environment, to society and for the economy.



Total Cost of Ownership

With a wide diversity of stakeholders, Belimed uses multi-criteria analyses to help to identify and rank key sustainability topics, both for our customers and for us. Analytical techniques including cost-benefit analysis and environmental impact analysis, have helped to highlight which sustainability initiatives provide the greatest benefit, and which ones can realistically be achieved.

By combining sustainability with lifecycle costing, Belimed is able to offer our customers Total Cost of Ownership (TCO) contracts over multiple years, which maximise machine effectiveness over the life of the facility.

Target vision	Relevant themes	Key aspects
Products and services	Safe and resource-efficient products	Quality, service, energy and water efficiency, durability, recyclability
Employees	Employee motivation and development	Employee satisfaction, employee development and talent management, employee loyalty, work/family life balance, equal opportunities
	Occupational health and safety	Physical and mental integrity, accident prevention and health promotion
Energy and climate	Energy management and greenhouse gas emissions	Energy efficiency and consumption, Energy sources, CO2 emissions
	Material and resource efficiency	Renewable, non-renewable materials in products, packaging materials, use of recycled materials
	Waste management	Waste reduction, proper disposal, recycling
Society	Corporate governance and compliance	Governance, Business integrity
	Economic performance	Commercial success
	«Swiss Made» and indirect economic impacts	Commitment to Switzerland as a business location, direct and indirect regional economic impacts of the organization



The value of energy-efficient and sustainable solutions

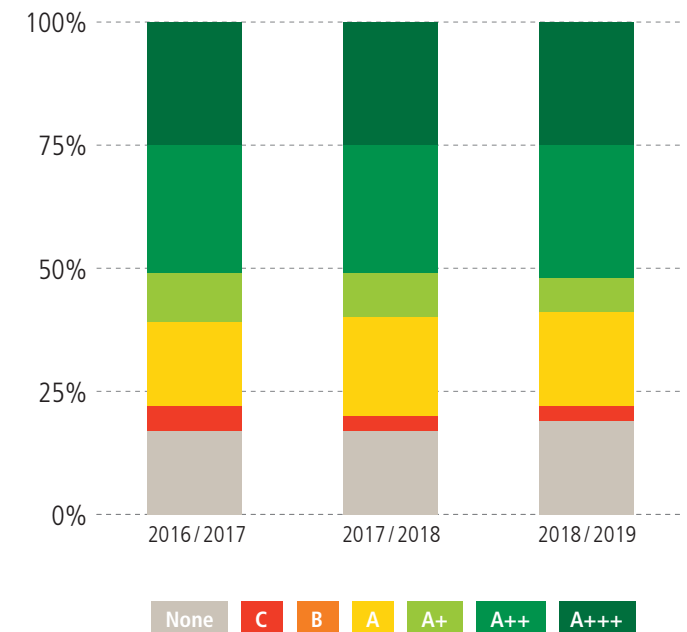
By making a commitment to sustainability and driving energy-efficient and sustainable solutions, Belimed addresses the challenges of growing demand and rising costs within healthcare. In addition to regulatory compliance and cost pressures for hospital and healthcare, there is a growing awareness of sustainability topics, which now start to impact the choice of products and solutions from suppliers and service providers.

Fortunately for Belimed, these challenges also bring new opportunities; from the development of new and innovative equipment solutions, to retaining and attracting new talent for our workforce. The pursuit of a circular economy from Belimed production and supply chain, through to sustainable operation and recycling will offer long-term commercial success for our customers, our business and for society as a whole.

As an example, the EU energy consumption labelling scheme undeniably has an impact on the consumer buying decision for commercial goods (see graphic below). 78% of the V-Zug appliances sold in 2019 met European energy efficiency class A or higher. Whilst the industrial sector has no equivalent labelling scheme today, this is justification that customers are now willing to pay more for energy-efficient products, solutions and services.

Facts and figures

Appliances delivered by energy efficiency class.



Belimed Green Solutions

With over 50,000 machines installed in the field, Belimed is able to incorporate sustainable green features into all of our washing, disinfection and sterilisation machines. Our service technicians can provide energy-saving audits and upgrades for existing equipment.

By reducing the consumption of energy, water and materials, Belimed improves the environmental impact of our machines and your facility.



The Belimed WD 290 IQ

The latest washer-disinfector from Belimed provides the most cost-effective and environmentally friendly solution from planning to disposal.

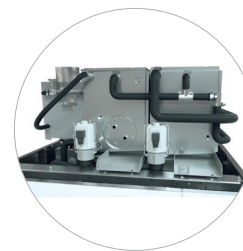
The WD 290 IQ offers customers the lowest consumption of power, water and chemicals in the industry.



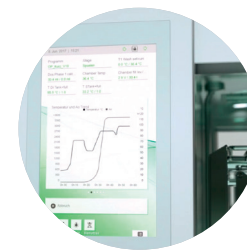
The Belimed MST-H sterilizer

Every machine is equipped with Belimed's energy-efficient process technology and a set of proven technical innovations.

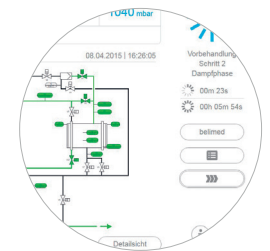
The MST reduces power and water (steam) consumption and offers our customers life-cycle cost savings, through a 15 year chamber guarantee.



Energy savings of up to 45 % are possible, thanks to Smart Fill and innovative storage tanks.



Intelligent controllers and intuitive touchscreens make consumption data transparent.



Fine-tuning of machine parameters can help to adapt to changing load and shift patterns.

Contact

Belimed is headquartered in Switzerland. With 10 Belimed companies throughout Europe, North America and China and many authorized partners, Belimed is represented world-wide by a strong network in over 80 countries.

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