



# Environment, Health and Safety

Initiatives to Support You in Achieving  
Your Sustainability Goals

[siemens-healthineers.com](https://www.siemens-healthineers.com)

## Siemens Healthineers

# Environment, Health and Safety Initiatives Support You in Achieving Your Sustainability Goals

Siemens Healthineers corporate policies and guidelines drive a strong culture and commitment to ensuring the safety of people and protecting the environment. We maintain these high standards for legal compliance and continuous improvement through collaboration and communication with all stakeholders.

Siemens Healthineers is dedicated to ensuring seamless market access for its IVD products worldwide. We do so by implementing processes and global programs that maintain compliance and share best practices across all locations. Our aim is to continuously enhance the environmental performance of our products, and we encourage feedback and collaboration to achieve this goal.

We enable you to meet local and internal requirements and continuously changing regulations.

Siemens Healthineers is focused on driving environmental strategy within the diagnostics industry. We are active members of several global industry associations, participating in various working groups and engaging in topics such as:

- Environment and sustainability
- Chemicals
- Electrical and electronic equipment

These teams aim to monitor regulatory developments, facilitate collaboration among industry members on potential improvement projects, and contribute to engagement with policymakers and regulators to ensure proportionate regulation for industry and professional users of IVD products.

**Siemens Healthineers teams are dedicated to EHS. For more information, please contact your local Siemens Healthineers representative.**

*“The new system (Siemens Healthineers automation) also meant that the laboratory operations generated 30 tons less material waste each year, with nearly a million sample tubes saved in a single year, as well as a reduction in solid waste volume by 61% and liquid waste by 74%. Its in-house water production and consumption were also cut back by 40% due to the reduction in the quantity of blood tubes needed from each patient.<sup>1</sup>”*



## Monitoring and analysis programs for international regulations and standards

We keep abreast of regulatory developments across the world and work proactively to anticipate and address future regulatory requirements.



### The global RoHS<sup>2</sup> project

This initiative focuses on ensuring that substances of concern are not present above permitted threshold limits in all our products or phasing them out where they are identified.



### New product development

Compliance with all environmental and safety requirements is an integral part of our product-development process.



### Wastewater treatment solutions

Our solutions enable you to meet local regulatory requirements and treat wastewater from diagnostic analyzers. Siemens Healthineers continues to invest in a global wastewater treatment project.



### Packaging improvements

We continuously seek to protect the environment by reducing and reusing packaging and employing recyclable materials while also safeguarding our products against damage during shipment.



### Wastewater Declaration Certificates

Assist you in identifying substances in wastewater effluent, supporting your compliance needs at locations worldwide.



### Compliance with international standards

All Laboratory Diagnostics manufacturing and distribution locations are compliant with ISO45001<sup>6</sup> and ISO14001<sup>7</sup> international standards for Health & Safety and Environmental Protection.



### Improved information in the supply chain

Siemens Healthineers was among the founders of the BOMcheck<sup>3</sup> tool, a platform to exchange information on critical substances along global supply chains. It is now the most widely used business-to-business system for reporting chemical data to the ECHA<sup>4</sup> SCIP<sup>5</sup> database.



### Green\* initiatives

Support you in improving your lab's environmental footprint without compromising workflow, quality, or safety. We focus on minimizing waste and the use of potential hazardous substances, improving water quality, and reducing the use of resources while improving efficiency and meeting environmental requirements.

\*"Green" is not a protected legal term. As used here, it describes the combination of Siemens Healthineers initiatives to improve environmental, health, and safety in your laboratory/institute.



## Say Goodbye to Polystyrene

Siemens Healthineers Diagnostics in New Zealand,<sup>8</sup> in collaboration with our logistics partner DHL Supply Chain, is introducing a new sustainable packaging solution for our cold chain laboratory deliveries, starting in June 2021.

DHL Supply Chain NZ has created and tested a wool-based, reusable, compostable packaging solution that maintains a 2–8°C cold chain temperature, suitable for the New Zealand delivery network.<sup>†</sup> This initiative will help to minimize the ecological and financial impact of supply delivery.<sup>8</sup>

*†The length of time for which the packaging can maintain 2-8°C is affected by variables such as carton size, pack-out volume, and external temperatures. Suitability for use across the NZ delivery network in summer and winter conditions has been tested by DHL validation studies and trialed with live deliveries of Siemens Healthineers products to customer sites. Ecological and financial impact can vary by country and customer, depending on local infrastructure, lab environment, and other conditions.*

## References:

1. Reducing the environmental impact of clinical laboratories. Clin Biochem Rev. 2017 Feb;38(1):3-11. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5548370/>
2. [https://www.google.com/search?q=restriction+of+hazardous+substances+directive+2002%2F95%2Fec+%28rohs+1%29&rlz=1C1GCEV\\_enDE832DE843&ei=\\_JWSYPqQJZSqUtSPoYAJ&oq=%281%29%09Restriction+of+Hazardous+Substances+Directive+2002%2F95%2FEC&gs\\_lcp=Cgdn3Mtd2l6EAEYADIGCAAQFhAeUJAIWJAIYPUuaABwAngAgAFriAHNAZIBAzEuMZgBAKABAqABAaoBB2d3cy13aXrAAQE&scIent=gws-wiz](https://www.google.com/search?q=restriction+of+hazardous+substances+directive+2002%2F95%2Fec+%28rohs+1%29&rlz=1C1GCEV_enDE832DE843&ei=_JWSYPqQJZSqUtSPoYAJ&oq=%281%29%09Restriction+of+Hazardous+Substances+Directive+2002%2F95%2FEC&gs_lcp=Cgdn3Mtd2l6EAEYADIGCAAQFhAeUJAIWJAIYPUuaABwAngAgAFriAHNAZIBAzEuMZgBAKABAqABAaoBB2d3cy13aXrAAQE&scIent=gws-wiz)
3. <https://www.prnewswire.com/news-releases/bomcheck-celebrates-more-than-1-million-rohs-and-reach-materials-declarations-from-over-3100-suppliers-211932871.html>
4. <https://echa.europa.eu/de/>
5. [https://www2.assentcompliance.com/eu-waste-framework-directive?&utm\\_channel=paid&utm\\_content=guide&utm\\_source=google&utm\\_medium=cpc&utm\\_campaign=SC:Go|MD:SeAd|CT:Gd|OJ:LeGe|PG:EUEx|PD:Pc|FM:RE|RG:EU:DE|LG:En&sem\\_account\\_id=1266304530&sem\\_campaign\\_id=10257538924&sem\\_ad\\_group\\_id=102370470677&sem\\_device\\_type=c&sem\\_keyword=scip%20software&sem\\_matchtype=b&sem\\_ad\\_id=440802371429&sem\\_network=g&sem\\_target\\_id=kwd-326933421585&sem\\_feed\\_item\\_id=&utm\\_term=scip%20software&sem\\_location\\_id=9043803&sem\\_placement=&sem\\_placement\\_category=&gclid=EAlaIqobChMIhNKdmcuy8AIV14TVCh1XgwagEAYASAAEgJwYPD\\_BwE#guide-build-scip-program](https://www2.assentcompliance.com/eu-waste-framework-directive?&utm_channel=paid&utm_content=guide&utm_source=google&utm_medium=cpc&utm_campaign=SC:Go|MD:SeAd|CT:Gd|OJ:LeGe|PG:EUEx|PD:Pc|FM:RE|RG:EU:DE|LG:En&sem_account_id=1266304530&sem_campaign_id=10257538924&sem_ad_group_id=102370470677&sem_device_type=c&sem_keyword=scip%20software&sem_matchtype=b&sem_ad_id=440802371429&sem_network=g&sem_target_id=kwd-326933421585&sem_feed_item_id=&utm_term=scip%20software&sem_location_id=9043803&sem_placement=&sem_placement_category=&gclid=EAlaIqobChMIhNKdmcuy8AIV14TVCh1XgwagEAYASAAEgJwYPD_BwE#guide-build-scip-program). SCIP is the database for information on Substances of Concern In articles as such or in complex objects (Products) established under the Waste Framework Directive (WFD)
6. <https://www.iso.org/iso-45001-occupational-health-and-safety.html>. ISO 45001 OCCUPATIONAL HEALTH AND SAFETY. Structured in a similar way to other ISO management systems, the approach will be familiar to users of standards such as ISO 14001 or ISO 9001. ISO 45001 builds on the success of earlier international standards in this area such as OHSAS 18001, the International Labor Organization's ILO-OSH Guidelines, various national standards and the ILO's international labor standards and conventions.
7. <https://www.iso.org/standard/60857.html>. ISO 14001: Environmental management systems — Requirements with guidance for use. Specifies the requirements for an environmental management system that an organization can use to enhance its environmental performance. ISO 14001:2015 is intended for use by an organization seeking to manage its environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability.
8. Published by Siemens Healthineers Diagnostics NZ, Customer Administration & Warehouse Services Online: ©Siemens Healthcare Ltd, 2021; [siemens-healthineers.com/en-au](https://www.siemens-healthineers.com/en-au)

At Siemens Healthineers, our purpose is to enable healthcare providers to increase value by empowering them on their journey toward expanding precision medicine, transforming care delivery, and improving patient experience, all made possible by digitalizing healthcare.

An estimated 5 million patients globally benefit every day from our innovative technologies and services in the areas of diagnostic and therapeutic imaging, laboratory diagnostics, and molecular medicine, as well as digital health and enterprise services.

We are a leading medical technology company with over 120 years of experience and 18,000 patents globally. Through the dedication of more than 50,000 colleagues in 75 countries, we will continue to innovate and shape the future of healthcare.

Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

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