GE HealthCare

Focusing on sustainability in ultrasound

Ultrasound Systems: Invenia™ ABUS | LOGIQ™ | Venue™ | Versana | Vivid™ | Voluson™ | Vscan™

Creating a more sustainable future requires us to care for the planet and its inhabitants.

It is essential that we continue to drive progress toward early, precise, and accessible diagnosis and treatment of more patients. For the planet, it is critical that we do so with a reduced impact on precious and rare resources that are imperative to life. We believe that the advancement of precision health, greater digitization of healthcare, and increased access to quality care are fundamental to accomplishing this goal.

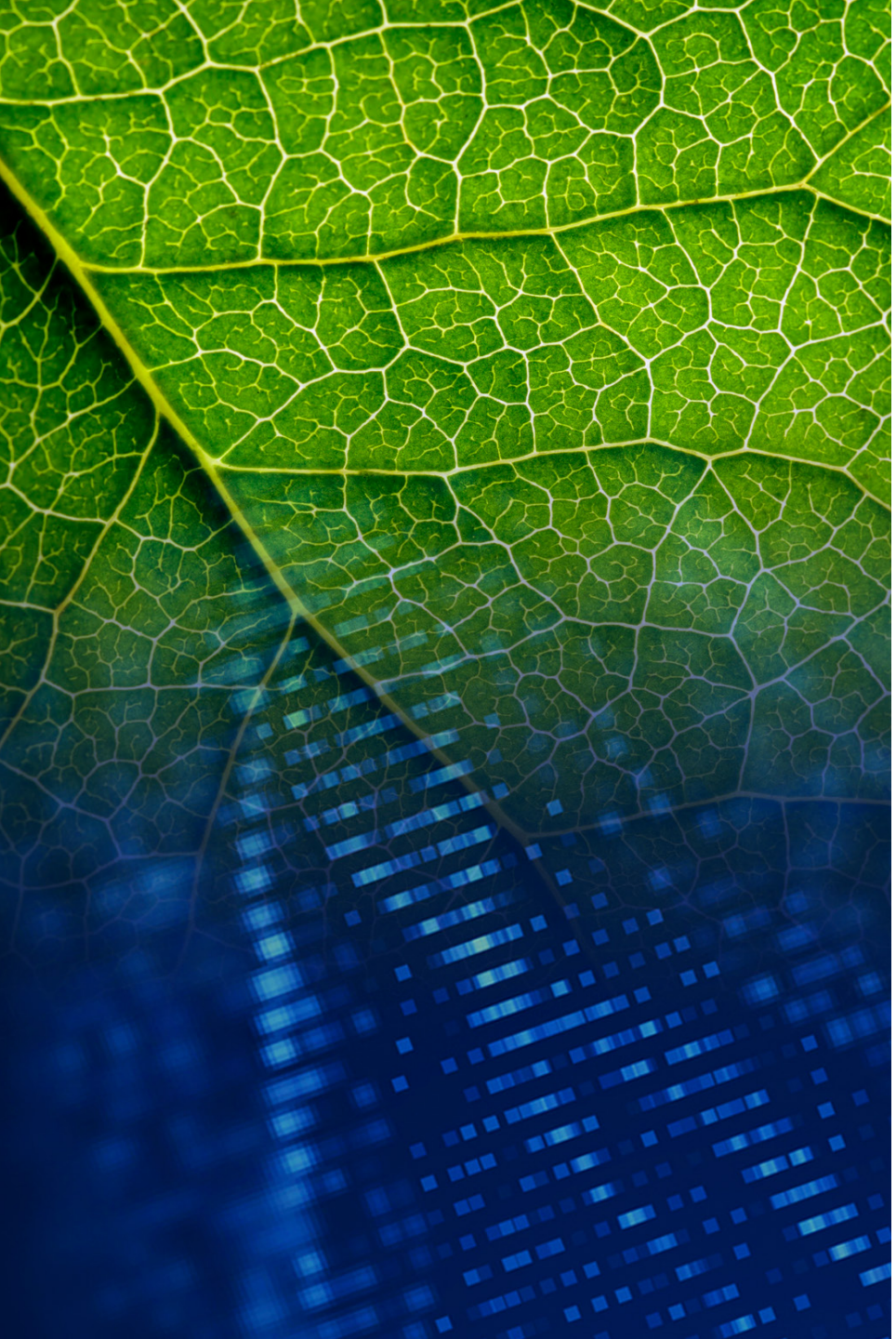
We support carbon policies that reduce greenhouse gas emissions and promote sustainable development. GE HealthCare is committed to achieving net zero by 2050 and we have signed up to the Science Based Targets initiative (SBTi) business ambition for 1.5C, a group of visionary corporate leaders taking ambitious climate action, and we have committed to implementing science based targets. This includes a public goal to reduce operational emissions (scope 1 and 2) by 50% by 2030 against a 2019 baseline. As a result of these efforts, we want to enable a more sustainable health system by addressing not only the environmental impacts of our products but also the challenges healthcare professionals and their patients face with resilient, digital options.

We are committed to achieving **net zero** emissions by 2050.

We've set a public goal of a **50% reduction** in our own operational emissions by 2030.

Leading a new era in sustainability for a more resilient tomorrow

We're creating a world where healthcare has no limits, helping to improve access to care and enable better patient outcomes.



Ultrasound helps create a more sustainable tomorrow.

Our family of ultrasound systems and their services help ensure that clinical professionals and the patients they serve have the technology necessary to create a more sustainable and resilient tomorrow.

Reducing environmental impact

- Our systems are designed to be refurbished, reused, or recycled at the end of their product life to minimize unnecessary waste.

Improving care

- AI-based measurement tools reduce exam time and increase measurement accuracy.
- Ergonomic design improves the user experience and reduces strain on clinicians and system operators.
- Our platforms deliver exceptional image quality.

Contributing to a healthier planet

More than half of the healthcare sector's climate footprint, approximately 53%, is attributable to energy use.[1] As a result, we have strengthened our commitment to environmentally conscious design and sustainable practices across our product manufacturing, sourcing, distribution, installation, and service operations. This includes improving energy efficiency, optimizing the use of limited or rare materials, providing digitally enabled and remote predictive and maintenance service throughout the product lifespan, and offering refurbishment and recycling options at the end of product life.

GE HealthCare environmental management system is ISO 14001 certified.	Our production and service operations align to ISO 14001 standards.

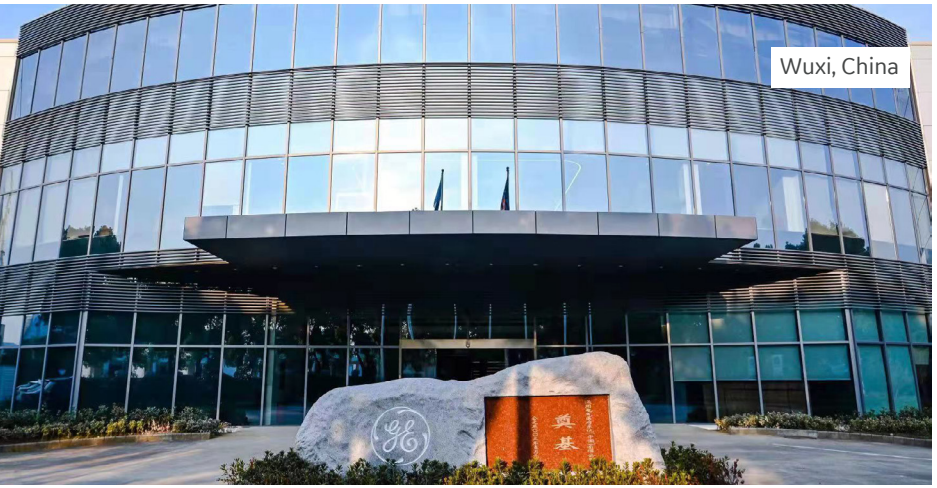
We're committed to environmental product design.

[1] Health care climate footprint report | Health Care Without Harm (noharm-uscanada.org)

Materials

GE HealthCare reviews the environmental aspects of the material supply used within our products to increase recyclability and decrease the use of hazardous substances, when possible.

Recyclable	We're committed to high recyclability of our products and reuse when possible.
Product utilization	Our ultrasound scanners are designed to help enable energy efficiency through dedicated features and advanced applications that reduce the environmental impact.
Reduce energy consumption	Instructions provided for use of the equipment to minimize the environmental impact during installation, use, and operation.



Manufacturing

Through our environmental reviews, we also focus on implementing renewable energy and reducing waste.

Most of our ultrasound systems are manufactured in one of the following facilities:

Our Seoul, Korea facility uses 100% renewable district heating for part of the facility; the rest is a combination of renewable and non-renewable energy.

Our Wuxi, China, site recently installed a rooftop solar system designed to generate 100M kW·h per year. The Wuxi site features energy-efficient air conditioning and a smart energy management system, which is designed to continuously reduce energy consumption by 90%. Prior to the addition of the rooftop solar system, ultrasound manufacturing at the Wuxi manufacturing facility required 876,376 kW·h. The solar-generated energy should reduce that by about 18%, or 100M kW·h per year.

Our Zipf, Austria, facility uses 100% environmentally friendly and renewable energy. The Zipf site has reduced greenhouse gas emissions by 50 tons per year. Various energy reduction projects are ongoing in our Zipf facility. The site has reduced heating gas by approximately 50% by using a heat pump to meet needs.

Packaging

GE HealthCare imaging equipment has a robust and multi-sourced supply chain for systems and spare parts across all product portfolios.

Improved packaging	Packaging is a mixture of wood and corrugated cardboard. Packaging material is recyclable.

Product utilization

Our imaging products are designed to help enable energy efficiency through dedicated features and advanced applications to reduce the environmental impact.

Ergonimically designed	Ergonomic design can help to enhance health and potentially reduce environmental impacts, such as reducing waste and saving energy.
Carbon emissions	There are zero direct carbon emissions at place of use. Guidance for end of lifecycle equipment instructions are provided to minimize the environmental impact for disposal or recycling.
Reduced downtime	The remote service platform InSite™ connects you with a GE Online Service Engineer or Applications Support Engineer. It has remote diagnostics capability as well as the ability to request service. Available in some markets.

End of product life

We are increasingly putting our retired products' materials back into the supply chain to maximize efficient use and minimize unnecessary waste. This circularity model enables our imaging products to extend their clinical impact through longer lifespans while reducing the environmental footprint. Additionally, we offer our customers support for upgrades and services throughout a product's lifespan to maintain optimal performance and help drive better patient outcomes.

Our refurbishment programs involve an extensive inspection and testing process, designed to bring equipment back to its original certified manufacturing specifications. If the system is not suitable for refurbishment, eligible parts are harvested for reuse after quality and performance testing, while the rest are returned to dedicated recycling facilities.

Product utilization (Cont.)

Guidance	Instructions are provided for use of the equipment to minimize the environmental impact during installation, use, and operation.
Upgrades	Hardware and software options are provided as a solution to extend the product lifespan.
Parts harvesting and refurbishment	Options are provided to reduce waste and environmental impacts while extending imaging access to less advantaged regions.

Digitizing healthcare through transformative innovations for a resilient tomorrow

We are committed to investing in digital capabilities that help accelerate clinical decision making, optimize imaging operations, and drive efficiencies in exam workflows, all of which can improve patient outcomes. Enabling digital transformation will further enhance our predictive and maintenance service operations for the life of your products.

We are also dedicated to driving a more resilient and sustainable future in healthcare. Many factors, including the pandemic, climate-related weather disasters, and supply-chain issues amplified this need. Managing operations through these challenges requires resilience and perseverance.

Product utilization (Cont.)

Ultrasound system parts	Parts are eligible for assessment for the refurbishment program, in which they are assessed for refurbishment, harvesting, or recycling at the appropriate time in the lifespan.[2]
Cleanability	Our equipment is designed to be cleaned and disinfected easily. We continue to test and approve new cleaning and disinfecting agents. Visit *Cleaning.GEHealthCare.com*.

[2] Products within ultrasound are eligible for refurbishment, although whether a system is actually refurbished versus harvested for parts or otherwise recycled or reused is dependent on the state of the system when GE HealthCare takes possession of it.

Creating a healthy world to help enable better patient outcomes.

GEHealthCare.com/about/sustainability

Not all products or features are available in all geographies. Check with your local GE HealthCare representative for availability in your country.
Commercial availability of GE HealthCare medical systems is subject to meeting local requirements in a given country or region.
Not all features are included in the standard system configuration. Contact a GE HealthCare representative for more information.
Intended for healthcare professionals only.

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