

Partnering on the route to net zero

How Gibraltar Health Authority (GHA) and Philips conducted a 360° Sustainability Assessment to kickstart their journey towards reducing carbon emissions and advancing GHA's net zero goals.

GHA and Philips share a commitment to enabling sustainable, high-quality healthcare that minimizes environmental impact. In line with net-zero ambitions of the UK and Gibraltar governments, GHA has set sustainability goals across energy, waste, travel, people, care, and supply chain. These efforts aim to reduce carbon emissions, air pollution, waste, and improve energy efficiency.

As part of their 16-year strategic partnership, GHA and Philips conducted a 360° Sustainability Assessment, focusing on supply chain, medical equipment, and radiology operations. The results laid the foundation for GHA's Green Plan, with a de-carbonization roadmap outlining key initiatives that GHA is actively implementing. These early steps highlight GHA's commitment to sustainability and progress towards net-zero emissions.

"At the Gibraltar Health Authority, we recognize the vital role we must play in reducing carbon emissions across Gibraltar, and we are well on our way to achieving net zero. While we had already implemented some initiatives, we sought to build on them by developing a Green Plan that drives meaningful change. Philips provided us with the critical insights we needed to take action - an essential step in our ongoing journey toward a sustainable, culture-driven transformation."

Kevin McGee OBE IPFA, Director General, Gibraltar Health Authority



Example findings from the 360-sustainability assessment

Several key opportunity areas were identified, which GHA and Philips collaboratively prioritized, leading to the creation of sustainability charters for each. Some examples are highlighted below:

Opportunity area	Expected impact
Supply Chain: Streamlined and data-driven procurement, supply chain processes and waste management on a hospital-wide level.	Effective usage and centralized management of stock will lead to reduced costs, while demonstrating best practice for sustainable procurement in the community.
Medical Equipment: Proactive maintenance of equipment and lifecycle management to optimize sustainable use of medical technology.	Newer equipment onboarded as part of long-term partnership will contribute to a 40% reduction in carbon over its lifetime.
Clinical Operations: Optimal and efficient use of equipment and consumables across the workflows.	Enhance operational efficiency for staff, streamline patient throughput, and reduce waiting lists and wait times, while increasing both patient and staff awareness of sustainable practices in consumable and equipment usage.



Sustainability in action

The GHA team are already implementing the following initiatives:



"The engagement of the GHA team has been instrumental to the success of this project. Together, we've transformed hypotheses into action, leveraging data to provide GHA with valuable insights and clear starting points. It's inspiring to see the team taking ownership and actively implementing the identified opportunities. Through this collaboration, GHA has significantly increased its sustainability maturity and now has a solid foundation for its Green Plan in place. We're excited to see what's next."

Dominique Schut, Sustainability Engagements Manager, Philips Group Sustainability

Waste management:

Reducing the amount of waste generated and reorganizing waste flows. A bigger focus on recycling and waste separation with new processes and bins has led to:

Estimated
£10k in cost savings, and a **5% reduction in emissions from clinical waste**
(May to December 2024, vs 2023)

Over
50% of departments adopting smaller clinical bins to **reduce waste** and contribute to a **more sustainable waste management system**
(May 2024 to February 2025)

A formalized process for non-clinical **waste removal and recycling** in partnership with a local business, alongside placement of organic waste recycling bins across GHA wards and common areas, **facilitating effective waste distribution**
(since February 2025)



Waste management solution

Supply chain:

Centralizing stock management using Omnicell to reduce over-ordering and stock expiration, introducing green procurement guidelines in line with the NHS in the UK, and streamlining supplier processes has resulted in:

Savings of
£45k through improvements to the off-site storage facility and **better oversight** of stock
(May 2024 to March 2025 vs 2023)

60% **reduction** in theatre expenditures through strategic cost-saving initiatives and **more efficient resource allocation**
(April 2024 to February 2025)

58% of theatre products secured through the NHS supply chain, resulting in a **28% reduction** in the average product price
(May to December 2024)

