

ALCON ENVIRONMENTAL SUSTAINABILITY


As a global leader in eye care, Alcon best serves the community and the planet by focusing every day on helping people see brilliantly so they can live brilliantly.


Alcon cares for the planet by focusing on reducing emissions and waste. Alcon has an opportunity and responsibility to reduce the environmental impact of its products, of which the company manufactures approximately 90% internally.



REDUCING OPERATIONAL IMPACT AT ALCON

 **Climate Change:** Alcon has set a goal to achieve **carbon neutrality** across their global operations by 2030 (Scope 1 and Scope 2 emissions). To help achieve this goal, Alcon is committed to sourcing **100% renewable energy** in this same time frame.

 **Energy Efficiency:** Alcon is improving energy efficiency across its operations using renewable energy and energy-saving projects. In 2021, Alcon **completed 41 energy-saving projects**, including solar array and LED light installations, air handling unit replacements, and autoclave cycle reductions.

 **Waste:** Alcon is working to reduce waste by focusing on reusing resources where possible, recycling generated waste, generating less hazardous waste, and diverting non-hazardous waste from landfills. In 2021, Alcon **recycled approximately 76% of its operational waste.**

- Currently 70% of Alcon's manufacturing sites are **100% landfill-free** from non-hazardous waste disposal.
- In 2022, three of Alcon facilities – two in Fort Worth, Texas, and one in Singapore – received the **GreenCircle Zero Waste** to Landfill Certification for diverting 100% of total waste from landfills. With this achievement, Alcon became the first healthcare company to be GreenCircle certified for Zero Waste to Landfill operations.
- **100%** of our manufacturing sites are ISO 14001:2015 certified.



ENVIRONMENTAL SUSTAINABILITY SCORECARD

Alcon factors sustainability into the earliest stages of their R&D process for new product development through their **Environmental Sustainability Scorecard**. This means that from the time Alcon begins working on new products through life cycle management, they are proactively generating more sustainable ideas that meet or exceed their efficiency and cost expectations.



PACKAGING WASTE

Through packaging reduction programs, Alcon is finding more efficient ways to pack and ship their products. Alcon's Green Innovations Surgical Team (**GreenIST**) identifies opportunities to increase sustainability measures and reduce waste for commercialized products within their Surgical franchise.



Trayless Cassette for Centurion® Fluid Management System (FMS) within a Custom Pak®

- Deleted machine cassette pak tray and Tyvek lid
- Reduces plastic and CO2 footprint
- Waste reduction: **90%**

Reference: Alcon Corporate Responsibility Report. 2021



Green Cell Foam for Ophthalmic Viscosurgical Devices

- Replaced Styrofoam for an environmentally friendly foam*
- Total waste eliminated annually: **12,857 lbs**
- Total Styrofoam eliminated annually: **106,835 lbs**

Reference: Data on File. Styrofoam Elimination.
*Project currently implemented in the U.S. only



Electronic DFUs

- Removed printed DFU in IOL Packaging*
- Reduces CO2 footprint
- Total reduction in packaging weight: **53%**

Reference: Data on File. Weight Reduction Study DFU Elimination Report

*With exceptions for markets with local regulations, which do not permit the exclusion of DFU booklets from their boxes

ADDITIONAL HIGHLIGHTS

REFURBISHMENT

- To reduce the environmental impact of their Surgical equipment, Alcon has a certified process to take back and reprocess used or obsolete units. Through this process, Alcon extends the lifespan of equipment while still ensuring it works similarly to a newly manufactured unit and meets Alcon's quality standards.
 - In 2021, **108 metric tons** of devices and equipment were reused, recycled or donated.



FIRST CARBON NEUTRAL CATARACT SURGERY

- In 2021, Alcon became the first eye care company to develop carbon neutral cataract surgeries. Alcon UK & Ireland partnered with Newcastle EyeCentre, and the Newcastle upon Tyne Hospitals NHS Foundation Trust, on the pilot program. The carbon management plan was audited by the National Quality Assurance, granting PAS 2060 verification, an internationally recognized standard in achieving carbon neutrality.