

Environment



Preparing for a low-carbon future

We have championed environmental preservation since our inception and take its stewardship seriously. We actively review the impact of our operations and make choices to reduce our environmental footprint. We believe our commitment to environmental sustainability promotes the health of our business, the quality of service we provide and value creation for our diverse groups of stakeholders.

Material issues addressed

- Material sourcing and efficiency
- Climate change and energy
- Water
- Product stewardship
- Product end of life disposal
- Responsible supply chain
- Customer centricity

Key risks considered

- Environment, climate as well as employee health and safety
- Changing customer preferences
- Financial risks

SDGs impacted



As our business develops, environmental considerations remain a priority, and we are committed to reducing any adverse impact of our operations. We continuously work on programs to conserve natural resources and reduce our emissions. We aim to not just meet environmental regulations, laws, and codes of practice but achieve more than what is required as a matter of compliance. We not only ensure responsible manufacturing but are also bringing to customers sustainable products such as Green wires, which are safe and eco-friendly. In addition to its operational benefits, green wires also have an insulation which is completely recyclable, thus ensuring circularity of the product.

At Polycab, we are prioritising recycling and reuse of resources. We are committed to prevent pollution, conserve resources, and improve our environmental performance.

Climate change and energy

We strive to minimise resource wastage and maintain ecological balance. These efforts also extend to re-using and recycling resources to the extent possible. Our products reflect a genuine sense of eco-consciousness and are produced using environment-friendly materials and processes that conserve energy and natural resources.

Key measures

- Replaced 100% conventional lighting with LED lighting
- Implemented ISO 50001 Energy Management system
- Installation of Variable Frequency Drive (VFD) in compressors and pumps, resulting in 20% energy saving
- Implemented industry 4.0 IIoT in three plants to capture real time data

Water management

Water is a necessary component of our operations and an essential resource for our communities. We manage our water use carefully so as not to affect our communities and operations and to ensure the rights of future generations to a critical natural resource.

We are treating wastewater and using the recycled water for gardening and sanitation. During FY22, we recycled over 67 million litres of water. We also constructed rainwater harvesting structures at the 42 Anganwadis repaired by us, as a part of our social intervention. Our units are equipped with Sewage Treatment Plant (STP)/Effluent Treatment Plant (ETP) to promote recovery, reuse and recycling of water. During FY22, we have consumed ~800 million litres water in total at all our locations.

Waste management

We make focused efforts within the boundary of our operations to facilitate proper waste segregation and resource conservation by minimising waste generation. Great care is taken to segregate the waste generated at source and manage it. We also practice efficient and environment-friendly end-of-life disposal methods to ensure the impact of the waste generated is minimum and that they do not enter landfills. In FY22, we have responsibly disposed 492 MT of hazardous waste and 24 KL of used oils.

Key facts

- Wastewater generated by Polycab is treated and reused further in the gardens and cooling towers
- Identified all environmental risks, and all aspects/impact have been incorporated in HIRA register for further corrective/preventive action
- No show cause/legal notice issued or received from the Pollution Control Board or any government authorities in FY22
- Identified all hazardous waste being generated by the manufacturing process and have arranged its disposal by a government authorised agency as per the regulation

67+ million litres

Wastewater recycled



Helping locals undertake their own waste management

We have undertaken a robust waste management project in Baska village, Panchmahal District, Taluka Halol, Gujarat. This project involves door-to-door collection of solid waste, transporting it to the nominated site and recycling the same to produce goods that are marketed by the Gram Panchayat. This is a public-private partnership project, involving locals, the Gram Panchayat of the village, subject matter experts and the funding and monitoring agency – Polycab Social Welfare Foundation (PSWF).