

CH-Polymers – Environmental Policy

CH-Polymers operates as part of a community – this brings responsibilities both globally and locally. By fulfilling these responsibilities CH-Polymers can help meet the climate and other environmental challenges that confront us. We apply this philosophy to all aspects of our business - whether in designing our products, sourcing and transporting our raw materials & energy, or running our operations. We believe our contribution can make a difference.

Greenhouse Gas Emissions: CH-Polymers monitors emissions – both scope 1 (emissions from production) and scope 2 (emissions from energy & steam). In the interest of transparency these figures are independently verified. Scope 1 and scope 2 data are useful measures that allow us to track progress vs our goal of reducing greenhouse gas emissions. Our goal for Scope 1 is zero emissions by the end of 2023.

Energy: CH-Polymers has mapped the polymer production process to highlight energy intensive activities and identify how to make them more efficient. Our goal for Scope 2 is to reduce energy consumption per tonne of finished product by 15 % by 2030. Process upgrades & plant investments are being rolled out to ensure we reach the goal is reached on time.

Recycling: wherever possible we re-use and recycle to minimise waste. One example is our handling of “white water” from production. Traditionally seen as a waste stream, CH-Polymers started a project to recycle the white water. A filtration unit was installed to purify the water and concentrate any polymer residues. What was previously waste has become a useful resource: the purified water is recycled back into our production and the recovered polymer is used by our customers in the Paints & Coatings industry. 20 % of our white water is treated in this way, leading to a corresponding decrease in water consumption / tonne of finished product. Our goal is that 50 % of polymer residues from white wastewater will be recycled by 2030.

Procurement: our environmental responsibilities do not begin and end at the factory gate. Wherever possible CH-Polymers works with like-minded suppliers who take a similar approach to our own. All suppliers are required to sign up to the CH-Polymers Sustainable Procurement Policy.

Product Design: whether through the choice of raw materials, the manufacturing process or functionality of the final product, the way polymers are designed can have a significant and positive impact on the environment. At CH-Polymers we have been doing this for decades. Whether by replacing the plastic coatings used in takeaway food wrappers or recovering polymer residues to make binder for paints we are constantly searching for new ways to apply technology to achieve environmental benefits.