## Energy Efficiency from the Waste Water Treatment Plant

The Waste Water Treatment Plant will fall under the same energy usage control, reporting and review process that we currently have for the existing Lenzing site.

## Supply

The energy will be supplied from the same supplier to the existing site (a neighboring power and steam supply plant) with the invoices provided monthly showing total usage of both. There is no direct grid connection for the Lenzing site at present with supply reliant on the neighboring plant. The plant is estimated to have an energy consumption level of 21,635kWh/day.

## Monitoring

The usage totals from the monthly invoices are recorded on a raw material usage spreadsheet kept by the site. They are then used for tracking site key performance inidcators (KPIs) related to energy that have been set. Specifically, these are currently for total steam usage (GJ/tonne of fiber) and total power usage (MWh/tonne of fiber). The targets are reviewed and set at year end. The senior management team discuss progress against these targets monthly throughout the year as well as a year end review. The plant will have a control room allowing plant managers to visually monitor the energy flows into the plant on a day-to-day basis.

## Improvements

The ambition for the site to better its energy efficiency is driven largely by the group-wide pledge for the company to be net zero by 2050 and an interim goal of reducing emissions by 50% by 2030. This is an accredited target by SBTI (science based target initiatives). Achieving this is being driven by a working group – the energy saving initiatives group. This is where site specialists discuss possible project opportunities to reduce energy usage, estimate total usage savings they can bring and feedback on progress in achieving them. The waste water treatment plant will be included in this meeting going forward.

Under normal operations, any matters of engineering that arise that are limiting energy efficiency are logged on the site SAP system for engineering’s attention. This ensures all equipment is operating at its best efficiency at all times and rectified in a time frame deemed appropriate to bring equipment back to full working order. For work that cannot be carried out whilst the plant is online… shutdowns?