

Avoid, Reduce, Recycle – Efficiency and Recovery of Energy from Waste

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Lonza is one of the leading suppliers to the pharmaceutical, biotech and specialty ingredients markets. In the canton Valais is Lonza's origin and there is still one of the largest production sites in Visp.

Energy supply has always played an important role in the production, since the start of the company in 1897. Today the production site in Visp demands per year ca. 500 GWh electricity (0.8 % of the total Swiss electricity consumption) and as well ca. 500 GWh natural gas (1.5 % of the total Swiss natural gas consumption).

Two incinerators are in use in Visp, to generate steam from the waste of the production. In addition several heat recovery units are in place to ensure the further use of waste heat.

The leading concept behind the efficient use of energy and the recovery of energy from waste is presented as well as different examples.