



From Biofilter to Climate-neutral Production!

Environmental protection starts with small steps

... O. KLEINER AG takes it to a whole new dimension, putting their ecological vision into practice!

We are again taking a pioneer role in 2016, as the first flexible packaging company worldwide **with climate-neutral production**.

In 1998 we completed the first step with our Biofilter. 10 years later we commissioned the regenerative incineration plant and a heat-exchange system. These were followed by photovoltaic solar panels on the factory roof, the "naturemade star" label and soon thereafter, "climate-neutral" packaging films and laminates, offsetting unavoidable CO₂ emissions.

And now – as from 2016 - the next giant step: Climate-neutral production! To achieve this, we shall be using 100% ecological power and 30% biogas. The CO₂ emissions from the remainder of our gas requirements, as well as other CO₂ emissions, are offset in a project from our longstanding partner, "myclimate". At the climate summit in Paris, the project we selected was awarded the "Momentum for Change Prize" as a "game changing global climate activity" by the Climate Change Secretariat of the United Nations. This "Solar Energy for Education and Jobs" project received the prestigious award from the hands of UN Secretary General Ban Ki-Moon. Powered by simple but smart solar energy systems, it provides families in rural areas of Tanzania with clean electricity.

Up to now, a family had to make do with unreliable power sources and inefficient light sources from expensive fuels such as paraffin. As a result, all activities after nightfall were severely restricted.

Mobisol, a programme developer, combined solar energy with innovative mobile banking and microfinance, to be able to distribute solar energy home-systems to households in Africa.

For this purpose, Mobisol developed a kit consisting of a solar panel, a battery, a light source and a charger for mobile phones. The kits exist in various sizes, from those for small families up to small businesses and are installed free of charge by locally trained technicians. Thanks to a micro-financing scheme over a 36-month instalment plan, families are not financially dependent on banks. Money from green energy emission certificates are helping the programme to grow to a critical mass and to reach remote areas. The success in Tanzania means the programme has great potential for expansion into other African states like Ghana, Rwanda und Kenya.

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