

In the future most of what we make should **GO ROTTEN!**



At Stanelco we are practising green principles in the way we work as well as in the products we create

In the future most of what we do should 'go rotten'.

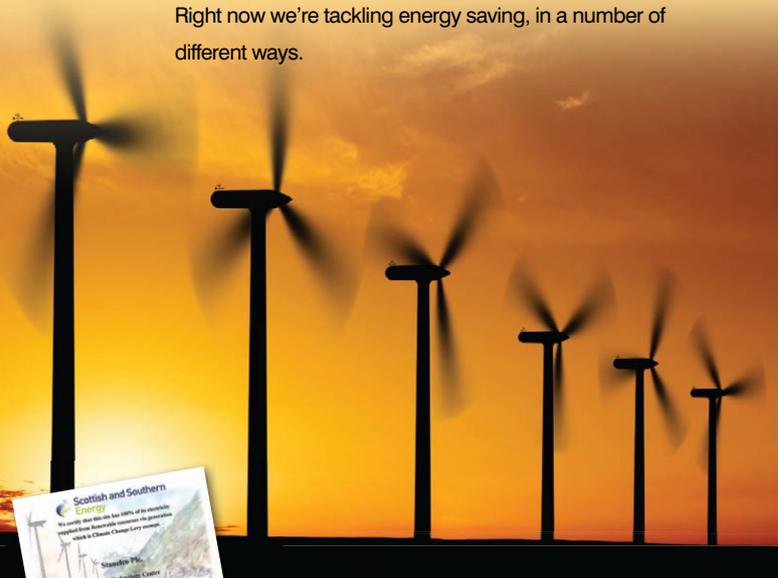
For us at Stanelco that means practising green principles in the way we work.

For a start one of the environmental positives about Bioplast, the new material we make from produce like potatoes and corn, is that the products made from it – like packaging – use the same machinery as conventional plastics. So that reduces waste as well as saving money. We are also looking at the energy required to convert these plant products into bioplastic and how we can make this process as sustainable as possible.

Right now we're tackling energy saving, in a number of different ways.



“In Southampton all our RF furnaces, used to make fibre optic cables, are being tested using renewable energy. So within a few months the fibres carrying the Internet around the world will be a little bit greener. In fact in everything we do we're trying to minimise our negative impact on the planet. We don't fly unless we have to, we use the train wherever possible, and all the good habits we adopt at the office we're taking home too. Eventually we want all our processes and practices to be green.” Paul Mines, CEO Stanelco



Stanelco and Southern Electric – using renewable sources for all our electricity

Southern Electric is part of Scottish and Southern Energy and one of the UK's largest energy companies... and also the UK's leading generator of renewable electricity.

SSE is building the world's first deep water wind turbine in the Moray Firth, its wind farm in Ayrshire is the first in the UK to generate 100MW of electricity, and its new Glendoe hydro station at Loch Ness will be Britain's most efficient.

At Stanelco we've recently signed up to SSE's "renewable energy" tariff, which means that all the electricity we use comes from renewable sources. It ensures that the energy we use at Stanelco is produced on a sustainable basis. It costs a little more but the more companies who support the scheme will encourage more renewable energy providers into the market and then the whole initiative can only grow.

This initiative is also encouraging our staff to think about the electricity we use in testing our world leading RF (radio frequency) furnaces and in our offices... and the small ways in which each individual can contribute by turning off their computer and switching off unnecessary lights. Contributions like this may seem small but they all add up, and so far our weekly usage is down 25% and still dropping.

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Biodegradable plastics for a sustainable future

Generation from this source is considered "environmentally" friendly due to the considerable reduction in CO2 emissions this is reduced down to 0.3 kg/kWh which is a saving of approximately 30%.

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