

Making a **difference**

**Carbon offsetting – and how every purchase
of Canon medical equipment benefits
some of the poorest parts of the world**

A commitment to redressing the balance

At Canon Medical Systems we care about the environment and about our responsibility to help people in parts of the world less fortunate than ours.

That's why we've joined forces with the carbon offsetting experts CO2balance to devise a scheme whereby the carbon footprint of every piece of Canon medical equipment purchased is offset.

What is carbon offsetting?

Carbon offsetting is a way of reducing the amount of carbon dioxide (CO₂) released into the atmosphere by balancing out any emissions through environmental projects.

We started by calculating the carbon footprint of each of our products. For every piece of equipment this includes:



Shipping



Manufacturing



Delivery



Average hospital energy usage for the standard lifetime of the equipment

The path to 'carbon zero'

Armed with that information, we worked closely with CO₂balance – who specialise in projects that not only lead to less CO₂ in the atmosphere and less deforestation but also improve the lives of people in developing countries.

Together we have devised two projects that will benefit greatly from Canon's carbon offsetting initiative.

Kenyan Improved Stove Project

This project builds energy-saving cooking stoves for villages in Kenya, resulting in a 50% reduction in the need for firewood and cutting carbon emissions by up to 3 tonnes per stove – about the same footprint as an ultrasound scanner. It also provides families with a cost- and time-effective method to cook with, and has many other benefits:

- less firewood means less deforestation, which also benefits wildlife in terms of habitat and flood prevention
- it's a healthier method of cooking
- indoor smoke, a serious problem dubbed the 'kitchen killer', is reduced by half
- children don't need to miss school to collect firewood



Ugandan Borehole Project

The project is based around repairing and maintaining boreholes in North East Uganda for seven years, supplying families with fresh clean water. As well as the natural health benefits it means that families no longer need to boil water, saving firewood and so cutting carbon emissions.

- there are over 50,000 defective water supply installations in Africa (IIED 2009)
- this is mainly due to lack of public involvement and lack of funding to support ongoing maintenance of the pumps
- this project not only brings these boreholes back into use for the community but also creates a funding mechanism for the community that ensures their long-term maintenance – and therefore long-term water security



CO2balance, our offsetting partner, run gold-standard projects which are monitored by the United Nations and as such are the most respected carbon offsetting projects available, providing environmental and health advantages.

Canon Medical Systems UK

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Find out how we can support you and your department:

call for a chat or take a look at our website

<https://uk.medical.canon> | T: 01293 653700