

Carbon Zero Scheme

- > It is clear that human activities are affecting the global climate, so it's vital that we find ways to reduce our greenhouse gas emissions.
- > At Toshiba we are committed to the environment and with the help of carbon offsetting experts we have devised a scheme with which we can offset the carbon footprint of your system.



POSITIVE PRINTING

During design and manufacturing Toshiba makes every effort to reduce the environmental impact of its activities. Carbon offsetting is a way to reduce the amount of CO2 released into the atmosphere by balancing or cancelling out the amount of these gases through participation in environmental projects.

With the help of carbon offsetting experts at CO2balance, Toshiba has devised a scheme to offset the carbon footprint of your Toshiba system. The Carbon Zero scheme seeks to minimise the lasting impact of our products as well as to provide support to communities in developing countries.

We not only include the CO2 that is being emitted during the production and transportation of our products, but throughout the entire product life-cycle. Through this process the emissions are balanced to become 'Carbon Zero', which allows for positive printing and copying with no detrimental effect on the environment.

SUPPORTING THE UNITED NATIONS

Based on the Millennium Development Goals, the UN has defined 17 Sustainable development Goals to drive forward positive change over the next fourteen years. By assisting in following projects within the Carbon Zero programme, Toshiba supports 13 of those 17 Goals, such as: no poverty, good health, clean water and sanitation, decent work and economic growth, responsible consumption and climate action. This resembles Toshiba's engagement for a better world and a greener future.



Borehole Rehabilitation in Uganda

The most basic requirement to sustain life is clean water. In many rural communities across Sub-Saharan Africa the struggle is to find clean safe drinking water. By renovating and repairing boreholes in remote villages across Uganda this project helps to restore a safe clean source of drinking water. The project concentrates on finding existing but damaged water supplies and boreholes and repairing them to restore the water supply to the people in the villages. Once the borehole is in operation, it provides clean water without the need to boil it. As well as the natural health benefits, not having to boil the water to make it safe to use, reduces the amount of firewood consumed and creates a carbon reduction.



Energy Efficient Stoves in Kenya

The African Energy Efficient Stove Project builds energy saving cooking stoves for villages in Kenya. These brick stoves result in 50% reduction in the need for firewood and thereby prevent carbon from being emitted. In addition to carbon prevention it also provides families with a cost and time effective method to cook with. The reduced need for firewood helps to prevent deforestation, creating benefits to the wildlife in terms of habitat, biodiversity and flood prevention. It is also a healthier method of cooking as it reduces in-door smoke by half. Support to this project creates other co-benefits such as reduced burns and injuries from exposure to an open fire, reduced exposure of firewood collectors (mainly women) to hazards in remote areas and householders can spend more time on other household tasks, as well as schooling and supervising children.

Brazilian Rainforest Protection

Located within the Amazon rainforest of Brazil this project helps protect the forest by avoiding deforestation and supporting sustainable forestry management. The protection of the rainforest avoids the release of carbon emissions, with the trees acting as a natural sponge, absorbing carbon dioxide emissions as they grow. As well as carbon savings it supports the Amazon's rich biodiversity of plants and wildlife. In addition the project creates social & community benefits: the construction of a school to support education services, training courses in seed production and sustainable local fruit and the construction of a nursery to recover degraded land.



WHY CARBON OFFSET YOUR PRODUCT?

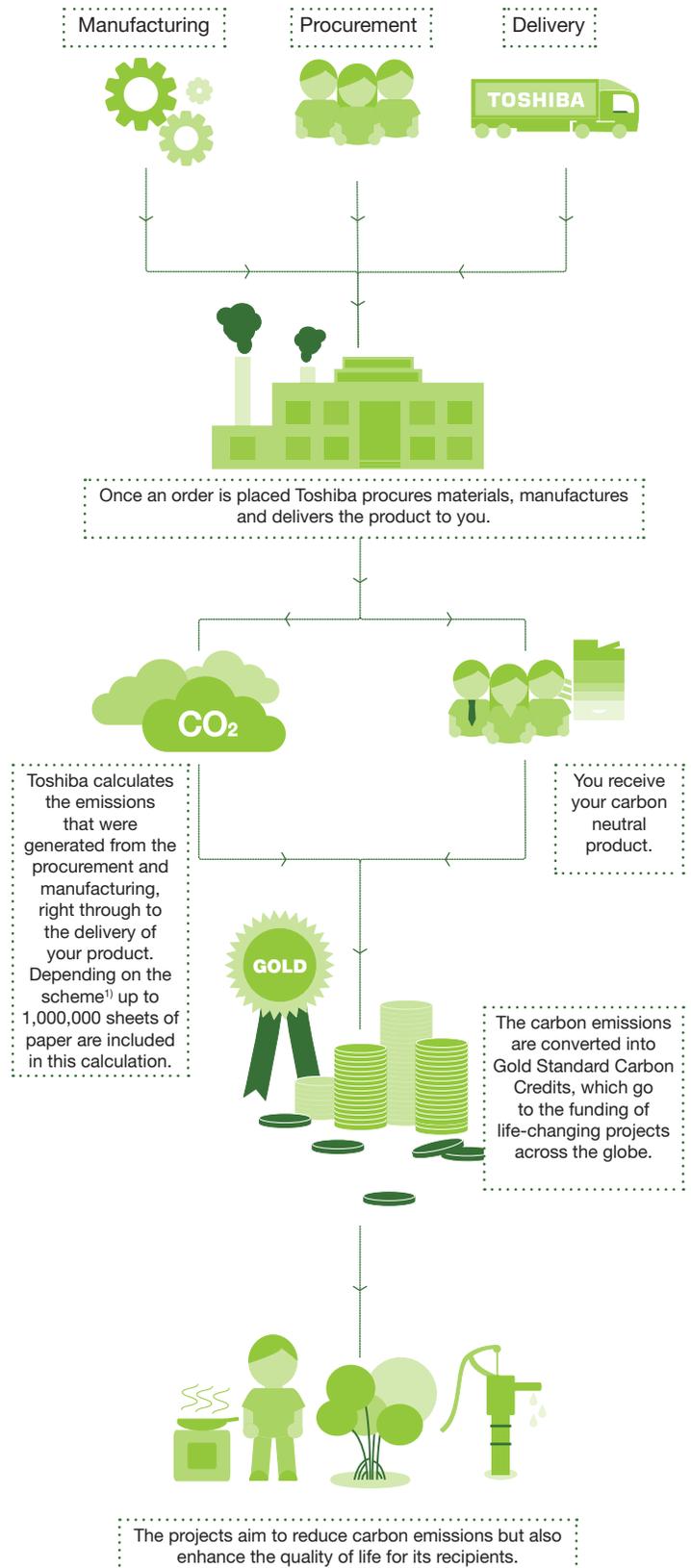
Carbon offsetting is part of an effective environmental plan. It is important to reduce consumption of materials and energy wherever possible. This not only helps in the fight against global warming but makes best use of resources and keeps costs down. Carbon offsetting can help by reducing or compensating the release of greenhouse gas such as carbon dioxide of the product that is being offset. At the same time however the Carbon offsetting programme supports developing communities by providing low carbon emission products and much needed assistance with basic energy requirements.

HOW CAN YOU CALCULATE THE OFFSETTING OF A TOSHIBA PRODUCT?

The lifecycle analysis of the product starts by assessing all of the materials used to manufacture our products. Throughout the design, production and distribution of Toshiba devices the Greenhouse Gas Assessment is applied to determine a carbon footprint for each product. In addition, we take into account the carbon implications of the consumables, such as toner and paper, as well as the energy requirements for operation of the product throughout its lifecycle. All the factors combined give us a Carbon Footprint Value expressed in tonnes, variable by product.

HOW TO ENSURE THAT THE PROJECTS ARE SUSTAINABLE?

All of our projects are regulated by United Nations approved standards. We support projects that meet the Verified Carbon Standard (VCS) and the Gold Standard. These authorities grant carbon reduction credits to a project, only after extensive third party verification and strict monitoring. A project has to pass these verification examinations every year.



¹⁾ Availability of schemes varies from country to country.

TOSHIBA TEC

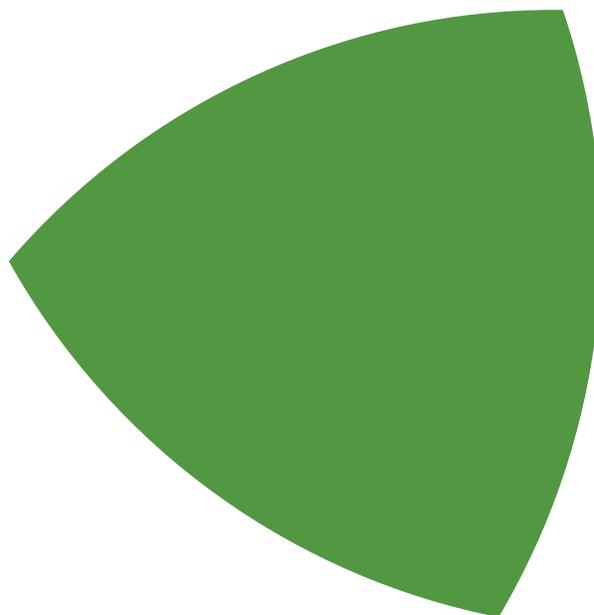
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Toshiba Tec Corporation is a leading provider of information technology, operating across multiple industries - ranging from retail, education and business services to hospitality and manufacturing. With headquarters in Japan and over 80 subsidiaries worldwide, Toshiba Tec Corporation helps organisations transform the way they create, record, share, manage and display information.

TOGETHER INFORMATION

Together Information is Toshiba's vision for how people and organisations create, record, share, manage and display ideas and data. It is based on our belief that the most successful organisations are those that communicate information in the most efficient way.

We make that possible through an integrated portfolio of industry-specific solutions, all of which reflect Toshiba's commitment to the future of the planet.



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If your Toshiba product has already been offset, you will find a Carbon Zero sticker on it and your machine is carbon-neutral. If not, contact us to find out which scheme applies to you and how you can offset your Toshiba system.