

1985



1990



1995



2000



2005



2010



A step-by-step approach to reducing a Notebook's impact on the environment.



The view from our office

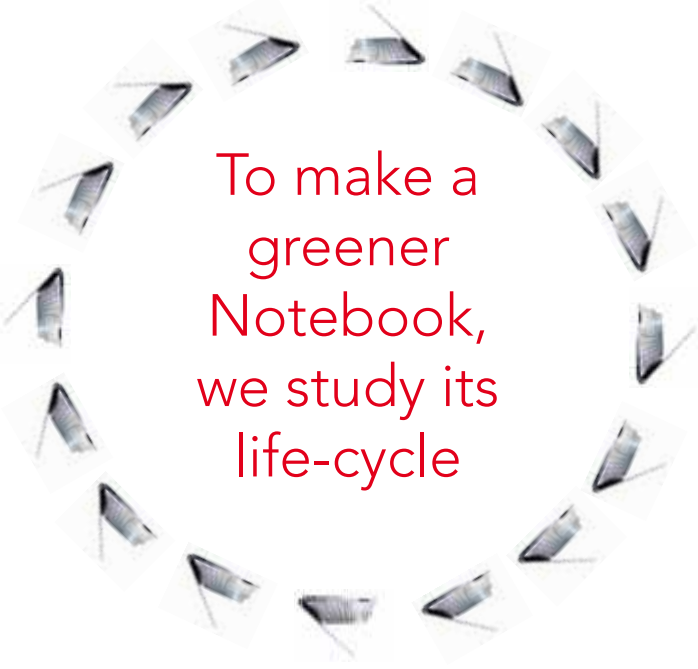
When you see an image of the Earth from space, you realise how fragile and vulnerable our shared home is, and how interwoven all things are. As a global company with operations in dozens of countries, we at Toshiba are very aware of the impact we have on our shared environment. Consequently, we have resolved to play a leading role in establishing a sustainable society. We have made a major commitment to reducing the impact of our activities on the environment and we are promoting and implementing good environmental management practices across all of our products and business processes. To guide us in this process we have released Environmental Vision 2050. It articulates our determination to contribute to a better environment and details a set of significant objectives, including raising our overall eco-efficiency to a factor of 10 by 2050. This brochure outlines some of the steps we are taking to achieve these goals.

If you would like more information about our global efforts, download our Corporate Social Responsibility Report, a comprehensive analysis of our activities in this area. It is available from <http://www.toshiba.co.jp/csr/en/report/>

TOSHIBA'S BASIC POLICY FOR THE ENVIRONMENT.

Recognising that the Earth is an irreplaceable asset and it is humankind's duty to hand it on to future generations in a sound state, Toshiba Group contributes to the development of a sustainable society by pursuing a symbiosis with the Earth. To achieve this, we are guided by the beliefs and objectives outlined in the Toshiba Group's Environmental Vision.

- ✓ The promotion of environmental management.
- ✓ The development of environmentally conscious products and the reduction of environmental impacts.
- ✓ Taking responsibility as a member of the global community.



To make a greener Notebook, we study its life-cycle

One of our key objectives is to reduce the environmental impacts of our products throughout their life-cycle. To do this, we assess every stage of the process, from procurement through to disposal.

PROCUREMENT STAGE: At this stage, we aim to eliminate prohibited and restricted substances, reduce the quantity of compound materials, reduce the number of parts that are difficult to disassemble, and minimise the use of natural resources. We publish a 60-page corporate procurement policy that requires component suppliers to meet stringent benchmarks for green manufacturing and environmentally sustainable raw material extraction.

PRODUCT DESIGN AND MANUFACTURING STAGE: We are focused on making our Notebooks in a sustainable way. This starts at the design stage and permeates every step in the production process. These efforts are focused on eliminating hazardous substances, reducing the amount of material used in packaging and designing each product to deliver a long working life – an objective that also provides users with better value for money.

DISTRIBUTION STAGE: By reducing the quantity of packaging materials, we have not only cut the volume of materials used, but also reduced the amount of fuel consumed in shipping and delivery.

USAGE STAGE: We aim to help individual end-users minimise their own impact on the environment. We have achieved this by increasing reliability, thus reducing the need for spare parts and service, and by making Notebooks more and more power efficient. In fact, Toshiba is a world leader in advanced power management systems, enabling users to customise Notebook settings to minimise power use.

END-OF-LIFE STAGE: An integral part of the design process is focused on making our Notebooks easier to disassemble and recycle. We also provide information within the product that helps the recycling process by indicating the raw materials used in each component weighing over 25 grams. We have also established a closed materials recycling system that enables us to make full use of plastic mouldings and die-waste generated in the manufacturing process. This material recycling system is one of the most advanced in the industry.

STEPS WE HAVE ALREADY TAKEN

We take a proactive approach to activities that affect the environment. Consequently, we have led the way in some important areas:

- ✓ In 1998, we developed halogen and antimony free printed circuit boards. These do not generate dioxins even if burned.
- ✓ We were the world's first Notebook manufacturer to introduce lead-free soldering - a major technical achievement.
- ✓ We were the world's first Notebook manufacturer to remove ozone-depleting CFCs.
- ✓ We were the first manufacturer in the world to develop a Notebook that complied with the European Union's Restriction of Hazardous Substances (RoHS) standard. In fact, our entire range became compliant well ahead of the mandated deadline.
- ✓ We have voluntarily decided to eliminate another eight potentially hazardous substances from the manufacturing process.

STEPS WE PLAN TO TAKE

We have set a number of objectives that will further reduce the environmental impact of our products and take us closer to the goal of a fully sustainable operation:

- ✓ The elimination of PVC and brominated flame retardants by 2009.
- ✓ Reducing the level of emissions generated by our manufacturing processes to zero. This objective has been achieved at our Ome complex in Japan, and two other centres are on track to achieve this by 2010.
- ✓ A 25% reduction in CO₂ emissions by 2010.
- ✓ In 2006, we introduced our Environmental Vision 2010. Since then we have nearly doubled our eco-efficiency factor against the benchmark FY2000. We have since made significant additional commitments to sustainable development with the release of our Environmental Vision 2050.

For more information about these and other initiatives, visit <http://www.toshiba.co.jp/env/en>

e-CYCLE for business Safe, secure and straightforward

Toshiba operates a program that helps customers in Australia and New Zealand do the right thing when they are disposing of unwanted Notebooks or updating with new equipment. Toshiba's e-CYCLE for business program is a one-stop solution that is designed to minimise risks, disruption and costs.

- ✓ *Proper Disposal: we will ensure your Notebook and equipment are disposed of in a way that complies with environmental regulations, reducing your exposure to legal risks.*
- ✓ *Logistics: Disposing of large quantities of equipment is a logistical challenge that can be both expensive and time consuming. Toshiba's service can minimise the problems associated with this.*
- ✓ *Data Security: you can choose from three levels of data security ranging from disk formatting to physical destruction.*
- ✓ *Cost Savings: Disposing of surplus or outdated equipment can free up space and reduce storage costs.*
- ✓ *Value Recovery: It is possible to recover value from some used equipment. The recovered value will be returned to you.*
- ✓ *Convenience: We provide a single point of contact to minimise the demands on your team.*

Naturally, some terms and conditions apply. For more information on e-CYCLE for business contact your Toshiba Business Development Manager, your Toshiba Authorised Reseller or send an e-mail to ecycle@toshiba-tap.com.au

For more information about Toshiba's environmental activities, please visit www.isd.toshiba.com.au/environment

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