



CANON AND THE ENVIRONMENT

Protecting the Environment

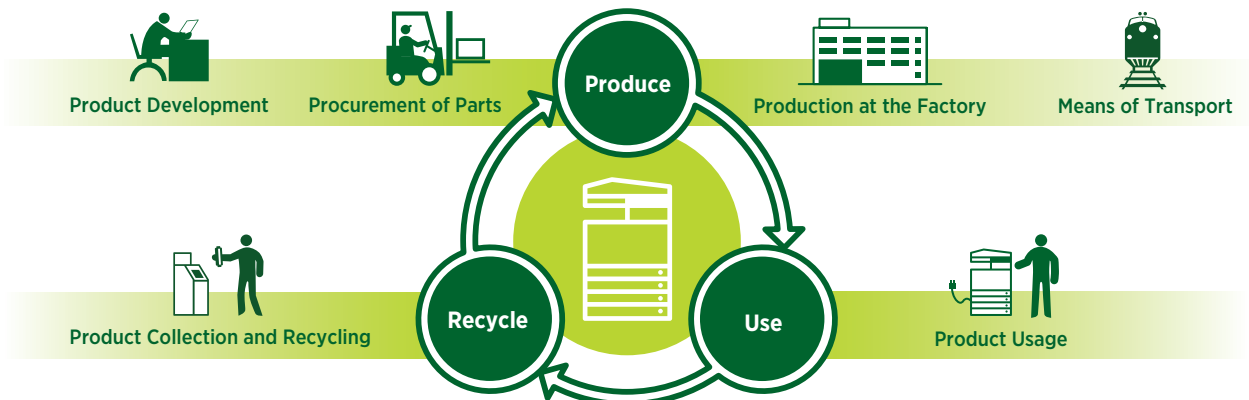
Canon is guided by the philosophy of Kyosei—all people, regardless of race, religion or culture, harmoniously living and working together into the future. As a world-class leader in imaging technologies, Canon is dedicated to protecting and preserving valuable environmental resources. To meet this commitment, Canon has put in place an Environmental Management System that is certified to the ISO 14001 standard. At each stage of the product life cycle—produce, use, and recycle—Canon assesses the amount of CO₂ emitted and strives to reduce it, always seeking ways to conserve energy and resources, and reduce hazardous substances.

Care from Start to Finish

Starting with product development, all suppliers are required to meet Canon's stringent Green Procurement policy and environmental terms. This helps the company exceed the toughest global standards for restricting or eliminating hazardous chemical substances from its products. Canon's state-of-the-art technology is engineered into lighter, compact body designs that use fewer materials and save space, thereby reducing the amount of packaging and fuel required for transport. And to further reduce CO₂ and other greenhouse gas emissions when delivering products nationwide, Canon partners with the U.S. EPA in the SmartWay Transport program.

Product Usage

When a Canon device reaches your workplace, you'll value the features that help save energy, paper, and toner. Canon has developed innovative technologies that make its business products highly energy efficient while delivering great performance. For example, its RAPID Fusing System technology reduces power consumption of digital multifunction devices by up to 80% over previous models without this technology. Canon has been a partner of U.S. Environmental Protection Agency (EPA) ENERGY STAR® program for over 20 years and has received numerous awards and recognition for environment-conscious product design. Canon devices also support a full range of features that help reduce paper usage and toner consumption.





With the imageRUNNER ADVANCE Series, Canon has developed leading-edge technologies with a stronger environmental focus at every stage of the product lifecycle.

- ✔ Canon's Lifecycle Assessment System (LCA) seeks to control carbon emissions at each lifecycle stage. The result? **An overall CO₂ target reduction of up to 50% over previous models. This equates to as much as 2.5 tons of carbon per year, per device.***
- ✔ In order to reduce dependence on petroleum-based materials, Canon uses **100% recycled plastics and bio-based plastics** on certain exterior parts.
- ✔ Smaller and lighter design helps improve transportation efficiency. As a result, carbon emissions per transporter vehicle can be **reduced by up to 50%.***
- ✔ Power consumption in Sleep Mode has been **reduced to 1W—or less!***
- ✔ ENERGY STAR: Savings in power consumption during a one-week period has been **reduced by up to 75%!***
- ✔ The use of White LED array technology in its Color Image Reader rather than a traditional Xenon tube **reduces power consumption by up to 75%!**
- ✔ Canon offers **products that are registered in accordance with the Electronic Product Environmental Assessment Tool** (IEEE 1680.2 or EPEAT) for Imaging Equipment.
- ✔ Using Canon Image Sensor technology rather than traditional CCD sensors **reduces power consumption by up to 50%!**
- ✔ Advanced Color RAPID Fusing and new Induction Heating (IH) technologies **reduce power consumption and limit the warm-up period.**
- ✔ Toner Technologies with a lower melting point **reduce fusing temperature requirements.**
- ✔ All Suppliers are required to meet **Canon's stringent Green Procurement policy and environmental terms.** This helps Canon exceed the toughest global standards, such as those set by the European Union's RoHS Directive, which controls/restricts the use of hazardous substances.
- ✔ Each system is equipped with paper-, toner-, and energy-saving features that **cut costs and conserve resources.**
- ✔ Long-life parts and higher-yielding supplies help **maximize uptime and reduce the amount of materials** consumed during the product life cycle.
- ✔ Canon's Corporate Environmental Management System **is certified to the ISO 14001 Standard**—with over **700 Canon companies and facilities certified.**
- ✔ Canon was recognized as a proud recipient of the **U.S. Environmental Protection Agency 2017 ENERGY STAR® Partner of the Year-Product Brand Owner award.****

* Actual amount may vary by model.

** For more information on the ENERGY STAR program and awards, visit www.energystar.gov.

 www.cla.canon.com

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 **ENERGY STAR**
AWARD 2017
PARTNER OF THE YEAR