

Circular Economy for a More Sustainable Future

It's better for the environment and the economy.



There is currently a global challenge to address the escalating threat of depleting natural resources. It's important that we transform our consumption patterns to avoid outpacing the availability of new raw materials.

Transitioning to a circular economy is instrumental to achieving this and we can help. We have been at the forefront of the shift from a linear economy to circularity. Along with our vision to produce waste-free products in waste-free facilities, we aim to design products, packaging, and supplies that make efficient use of resources, minimize waste, repurpose material where feasible, and recycle what can't be repurposed.

WHAT THE EXPERTS ARE SAYING

"A circular economy reduces material use, redesigns materials and products to be less resource intensive, and recaptures "waste" as a resource to manufacture new materials and products."

— United States Environmental Protection Agency

"Through design, we can eliminate waste and pollution, circulate products and materials, and regenerate nature, creating an economy that benefits people, business, and the natural world."

— Ellen MacArthur Foundation

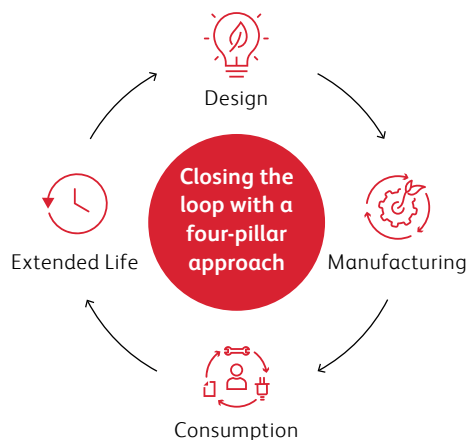
A LEGACY OF INNOVATION IN SUSTAINABILITY

Since the introduction of the Xerox® 914 Copier in 1959, our vision has remained steadfast – transforming our facilities and operations into waste-free workplaces. We extend this vision to our customers: enabling a system where equipment, parts, and supplies, returned at the end of life, are used to generate raw materials

for new products. By doing so, we reduce waste and conserve our natural resources, all without compromising on quality.

OUR APPROACH TO CIRCULARITY

We have a comprehensive approach to design for sustainability and circularity that revolves around four key pillars: design, manufacturing, consumption, and extended life.



DESIGN

The design process centers on the careful selection of raw materials with an emphasis on more responsible use of recoverable and recyclable materials, safety, adherence to ecolabel criteria, and product lifecycle impacts.

[Explore more.](#)



MANUFACTURING

Our manufacturing processes focus on repurposing recovered materials in equipment and supplies and the implementation of robust environmental management systems.

[Explore more.](#)



CONSUMPTION

The consumption process includes best practices such as energy efficiency, more purposeful printing, automated supplies replenishment, low-energy and high-yield toners, and [Our Remote Services](#).

[Explore more.](#)



EXTENDED LIFE

Our global collection programs enable end-of-life management, giving returns a second, useful life. See the [Supplies Recycling Program](#) and [Equipment Returns](#) for more details. [Explore more.](#)



Since 2009, we have diverted over 600 thousand metric tonnes of returned equipment, parts, and supplies from landfills by remanufacturing, reusing, or recycling.

xerox™

Transforming Waste into Resources

QUANTIFIED CARBON SAVINGS:

Our circular economy offerings demonstrate an estimated CO₂e savings of at least 90% during the raw material and manufacturing stages of the device lifecycle. This substantial reduction is attributed to the use of fewer new materials and parts. Our estimations are based on internal studies comparing lifecycle impacts of manufacturing with all-new parts to manufacturing with recovered parts. These differences translate to reductions of up to 1.3 tons of CO₂e emissions compared to an all new device. To see what this equates to in other terms, see a range of carbon equivalent savings in the graphic below.

Note: Estimations have not been third party verified.

CARBON EQUIVALENT SAVINGS

- 146 gallons of gasoline saved
- 133 gallons of jet fuel saved
- CO₂ captured by 1.5 acres of forest in 1 year
- CO₂ captured by 21 tree seedlings growing for 10 years



Source: <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

THE LIFECYCLE PHASES OF A XEROX® PRODUCT

Device lifecycle assessments include information on the emissions associated with the raw materials extraction and assembly required in manufacturing, as well as delivery, electricity, consumables, parts, and service visits during use and maintenance, and end-of-life treatment. This comprehensive and analytical assessment process enables us to quantify the environmental impacts occurring when choosing our products.



WHY US?

Sustainability Leader: We're recognized by [Quocirca](#) and IDC for our product improvements, innovative services, and environmental transparency that help meet client's sustainability goals.

Strong Legacy: We have built a strong foundation for leadership and innovation with our long-term commitment to designing for circularity and prioritizing sustainability. Refer to the [Xerox History Timeline](#) for more on our business innovation.

Pioneers in Circularity: We have embedded circularity in our products since 1959 and take a lifecycle approach to low carbon design. This includes global take back programs and remanufacturing to enable circularity in our clients' workplaces.

WHAT CAN YOU DO TO CONTRIBUTE TO A CIRCULAR ECONOMY?

- Choose products that have ecolabel certifications.
- Use devices efficiently.
- Employ remote service.
- Return spent consumables and equipment at the end of their first life.

To learn more about returning or donating Xerox® Devices, visit [Equipment Returns](#).

Learn about our [Supplies Recycling Program](#) supplies collection and reuse/recycling program.

For additional information about environmental sustainability at Xerox, see our [Circular Economy and FAQs](#) page, visit our [Sustainability](#) page, or view the [CSR Report and Progress Summary](#).