

# Embrace a 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 commitment to produce waste-free products in waste-free facilities, our aim is to design products, packaging and supplies that make efficient use of resources, minimize waste, reuse material where feasible, and recycle what can't be reused.

## 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

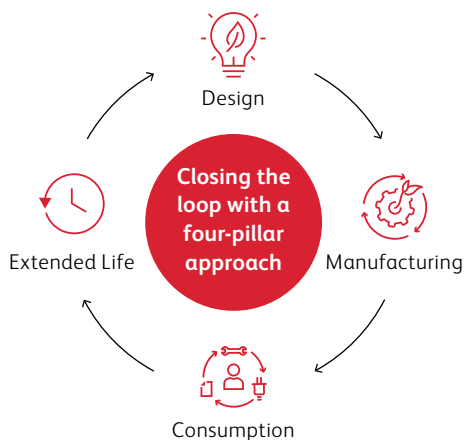
## A LEGACY OF INNOVATION IN SUSTAINABILITY

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 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 4 key pillars: design, manufacturing, consumption, and extended life.



## DESIGN

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



## MANUFACTURING

Our manufacturing process focuses on the reuse and remanufacturing of equipment and supplies and the implementation of robust environmental management systems.



## CONSUMPTION

The consumption process includes best practices such as energy efficiency, purposeful printing, automated supplies replenishment, low energy and high-yield toners, and Xerox® Remote Services.



## EXTENDED LIFE

Our global collection programs enable end of life management, giving returns a second, useful life. See [Green World Alliance®](#) and [Equipment Returns](#) for more details.



Since 2009, we have diverted more than 590 thousand metric tonnes of returned equipment, parts, and supplies from landfill by remanufacturing, reusing, or recycling.

# Transforming Waste into Resources

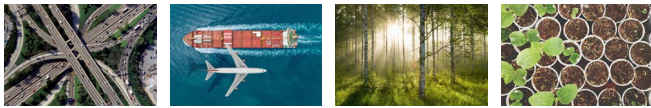
## QUANTIFIED CARBON SAVINGS:

Our devices demonstrate an estimated CO<sub>2</sub>e savings of at least 90% during the raw material and manufacturing stages of the device lifecycle for remanufactured Xerox® Devices. This substantial reduction is attributed to the use of fewer new materials and parts. Our estimations are rooted in internal comparisons between the life cycle assessments of new products and remanufactured parts. These differences translate to reductions of up to 1.3 tons of CO<sub>2</sub>e emissions compared to a newly built 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
- CO<sub>2</sub> captured by 1.5 acres of forest in 1 year
- CO<sub>2</sub> captured by 21 tree seedlings growing for 10 years



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

## THE LIFE CYCLE PHASES OF A XEROX® PRODUCT

Device life cycle 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 Xerox to quantify the environmental impacts occurring when choosing our products.



## WHY XEROX?

**Sustainability Leader:** We're recognized by **Quocirca** and IDC for our efforts.

**Strong Legacy:** We have a long history of designing for circularity and prioritizing sustainability. Refer to the **Xerox History Timeline** for more on our business innovation.

**Pioneers in Circularity:** Our comprehensive approach includes global collection programs and remanufacturing facilities.

## WHAT CAN YOU DO TO CONTRIBUTE TO A CIRCULAR ECONOMY?

Here's how you can support the circular economy:

- Choose products with ecolabels and remanufactured products.
- 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 **Green World Alliance®** supplies collection and reuse/recycling program.

For additional information about environmental sustainability at Xerox, see our **CSR Report and Progress Summary** or visit **Environment, Health, Safety, and Sustainability**.