chromeOS

CDW PEOPLE WHO GET IT

# Build a sustainable future with **ChromeOS**

From efficient data centers to purchasing renewable energy at scale, Google is dedicated to doing our part to protect the environment and planet alongside our customers, partners, and larger communities. Google Cloud continues to operate as the cleanest cloud in the industry, even as the amount of computing done in Google data centers continues to grow.

**2007**
First major company in history to become carbon neutral

**2017**
First major company to match 100% of its annual electricity use with renewable energy

**2019**
Made the largest corporate purchase of renewable energy in history

**2020**
First major company to neutralize its entire legacy carbon emissions

**2030**
Google is committed to becoming the first major company to operate on carbon-free energy

## ChromeOS supports Google's mission with an energy efficient operating system, sustainable hardware, and responsible partners

### Carbon free future

ChromeOS is a cloud first platform with features that increase energy efficiency, to become more sustainable over time, resulting in lower overall device carbon footprint.

### Responsible energy conservation

ChromeOS devices consume as much as 46% less energy than comparable competitor devices.[1] ChromeOS' power management capabilities offer efficient charging and optimized device performance.

### Minimum waste and device longevity

ChromeOS enables e-waste minimization through device sharing, durable components manufactured by OEMs, 8 years of OS updates, and ChromeOS Flex which modernizes PCs and Macs, making them up to 21% more energy efficient. [2]

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# Sustainability benefits of ChromeOS across the product life cycle

**Consumed**
responsibly

Efficient power management capabilities enable as much as 46% less energy consumption.[3]

Upstream

**Manufactured**
responsibly

Many of our OEM partners build devices with green principles, including recycled materials and responsible manufacturing.

Downstream

**Reused and recycled**
responsibly

ChromeOS Flex modernizes PCs and Macs, making them up to 21% more energy efficient.[4]

## Bringing our sustainability efforts to life

When Kingston and Sutton London Borough Councils deployed over 3,800 ChromeOS devices, they achieved a 32% reduction in energy with the move to Citrix and Acer Chromebooks.

> It was an easy decision to make when we learned how much we would save both financially and in greenhouse gas emissions by cooperating with Google on the conversion to ChromeOS Flex (previously known as CloudReady).
>
> CEO, Nordic Choice Hotels

1, 3 Determining end user computing device Scope 2 GHG emissions with accurate use phase energy consumption measurement, 2020

2, 4 Sutton-Parker, J. (2021), ' Quantifying greenhouse gas abatement delivered by alternative computer operating system displacement strategies.' Amsterdam, the Netherlands: Science Direct, Elsevier B.V.

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