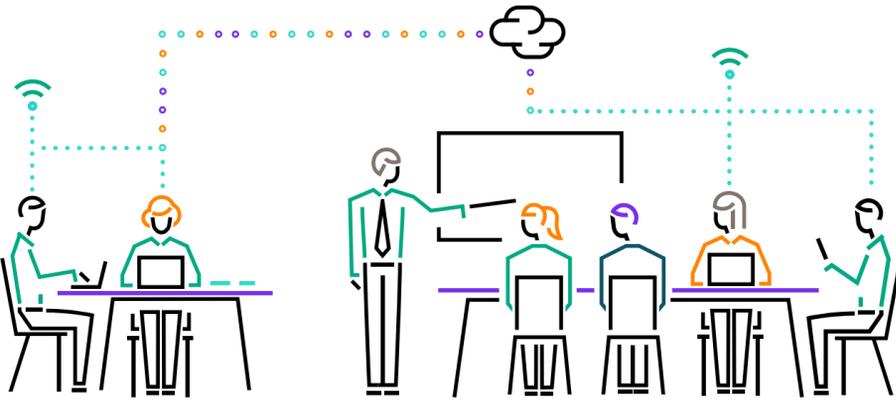# HPE aruba networking

Modernize your network and lower your carbon footprint

Are rising energy prices, frequent environmental events, and increases in governmental ESG (Environmental, Social, and Governance) requirements keeping you up at night? You are not alone. Building a strategy to lower carbon emissions is a top priority for many companies.

The increasing importance of sustainability

58% of Global Fortune 200 companies have named a sustainability lead[1]
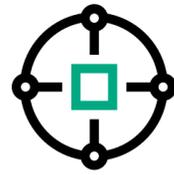
55% have established greenhouse gas emission targets[1]

Do you have the power to save?

The network is the backbone of every organization. The more efficient the network, the less resources it will use. The way network components are made, how they work and how they're used go a long way to lowering the carbon footprint of your operations.
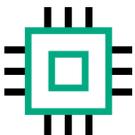
How they're made
Intelligent design & production

Every aspect of the design and production of HPE Aruba Networking products is carefully considered to minimize environmental impacts across the product lifecycle.
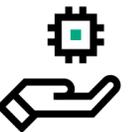
- Zero ozone depleting components
- Low-halogen PCBs in new & existing products
- Designed to be easily recycled
- Manufacturing practices follow the HPE Environmental Standard
- **80%** Packaging comprised of up to 80% recycled

How they work
Innovation for efficient operations

HPE Aruba Networking is investing in the innovation of sustainability-friendly features that virtualize processes, optimize power utilization, increase efficiency, and lower overall power consumption.

- **50%** Intelligent power management minimizes average AP power consumption to ~50%[2]
- Energy Efficient Ethernet and power saving features optimize power distribution and reduce draw in periods of low activity[3]
- 80 Plus certified power supplies are 80%+ efficient at 20% & 50% load and at least 90% efficient at 100% load[4]
- Smaller real estate footprint with unified network management hosted in power-efficient cloud data centers[5]
- Up to 75% fewer help desk tickets with data-rich AI-automation that reduces network anomalies and associated power consumption
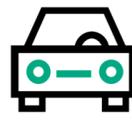
How they're used
Streamlined workflows & extended use cases

HPE Aruba Networking's network architecture enables you to empower workforce productivity, optimize IT resources, and drive better resource management.

- Eliminate onsite IT visits with zero-touch provisioning and remote management
- Reduce commute emissions with secure work-from home solutions
- **650g** CO2 saved per kilometer not driven[6]
- Eliminate overlay hardware and lifecycle management by connecting IoT devices to APs via Bluetooth, Zigbee, USB & PoE
- Optimize and manage resource usage with integrated technology partner smart workplace solutions

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HPE Aruba Networking is committed to advancing the way our customers live and work, adopting design and manufacturing principles, and delivering innovative solutions that maximize IT efficiency and minimize the impact on our planet.

Learn more at
arubanetworks.com/solutions/sustainability

[1] The State of Environmental Sustainability in the Fortune Global 200, Forrester Research, January 2021
[2] Average power consumption compared to total power capacity based on over 80 million records of the most widely used access points operating in live Aruba Central networks.
[3] Power distribution optimization available when using EEE-compatible devices. Power savings features in switch models using Aruba-designed ASICs.
[4] 80 Plus power standard, as specified in the CLEAResult voluntary certification program
[5] The Carbon Reduction Opportunity of Moving to Amazon Web Services, 451 Research, October 2019
[6] How Eco-Friendly is Remote Working? Forbes, October 2021