

Quantifying the Sustainability Benefits and Business Value of HPE GreenLake

Study participants with established HPE GreenLake environments not only achieved strong financial business value but also **enabled more environmentally sustainable IT operations**. They achieved this by reducing infrastructure requirements through **improved workload placement and infrastructure performance**, and they benefited from having a flexible consumption and operating model.

KEY SUSTAINABILITY BENEFITS

↓ **36%**

fewer servers required for equivalent workloads

↓ **53%**

lower infrastructure energy consumption

↑ **66%**

more servers per rack

CUSTOMER QUOTE (INFRASTRUCTURE MANAGER, TELECOMMUNICATION):

“Our datacenter with HPE GreenLake is called the ‘green and cool’ datacenter. It is the most environmental and sustainable R&D location in the whole company.”

REAL-WORLD SUSTAINABILITY IMPROVEMENTS

↓ **501** equivalent cars taken off roads per organization

↓ **27%** decrease in energy consumed per server (kWh) per year

CUSTOMER QUOTE (IT DIRECTOR, CONSTRUCTION):

“We’ve reduced our spending on energy by around 25% over the last three years, especially in the last year. The price of electricity has gone up, but we’re using 25% fewer units of electricity. HPE GreenLake has also reduced the total cost of infrastructure by 45%, and it’s also improved IT resource efficiency by around 60%.”

OVERALL BUSINESS VALUE OF HPE GREENLAKE

↓ **45%** lower three-year cost of operations

↑ **321%** three-year ROI

→ **10-month** payback period, time to break even on investment

↑ **81%** faster to deploy new compute resources

↓ **86%** less unplanned downtime