



The Cleanest Cloud

Reduce your environmental impact with Google Cloud

Our most ambitious decade of climate action yet.

Google is entering its third decade of climate action with our most ambitious goal yet: By 2030, we're aiming to operate entirely on 24/7 carbon-free energy.



In **2007**, we were the first major company to commit to **carbon neutrality**.



In **2017**, we were the first major company to **match 100% of our electricity use with renewable energy purchases**.



As of **today**, we've procured enough high-quality carbon offsets to **neutralize all of our emissions** since our founding.



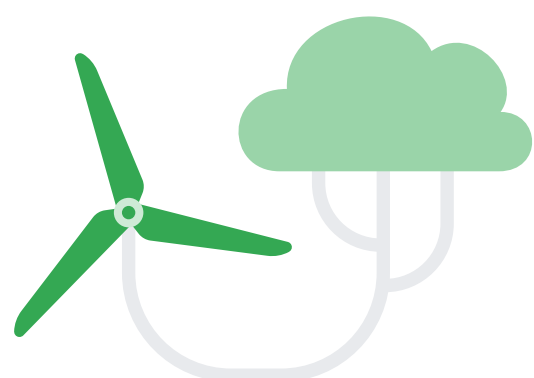
We're aiming that by **2030**, we'll operate entirely on **carbon-free energy** 24/7.

Did you know that data centers are estimated to consume ~1% of the world's electricity?

When you choose Google Cloud, you choose...

Less energy

AI algorithms work safely and autonomously to bring a **30% energy savings** to cooling systems in our data centers. Compared with 5 years ago we're able to deliver **~7X more computing power** with the same amount of electrical power.

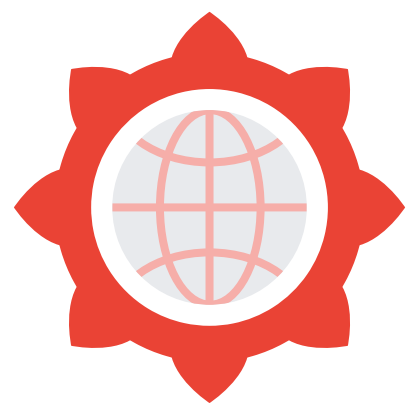


Zero net emissions

Google has eliminated all legacy emissions since 1998 and **matched 100% of electricity use with renewable energy** since 2017, including the electricity that powers your workloads.

Carbon free energy by 2030

We're setting the goal that by 2030, we'll run our business, including Google Cloud, on **carbon-free energy everywhere, at all times**.



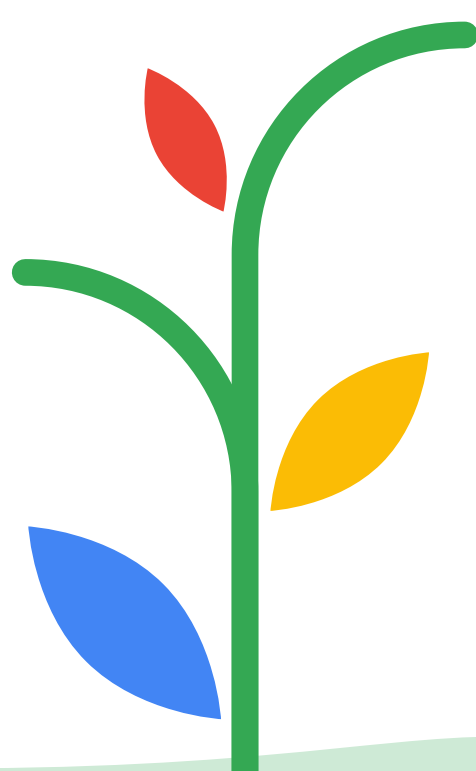
Tools to reduce your impact

We're developing new tools for you to **track your own IT operations** and reduce your impact.

Beyond data centers

In the US alone, 12% of all electricity is used for heating and cooling of commercial buildings.

We're also **building tools and technology to help solve the unique challenges** that customers face in their respective industries.



We've developed the Industrial Adaptive Controls platform in **collaboration with DeepMind**. Now, the same AI technology that helps reduce the energy we use to **cool our data centers by 30%** will be available to customers.

Visit cloud.google.com/sustainability to learn more about how you can reduce your environmental impact with Google Cloud