

# Building a more sustainable future through decarbonization with Google Cloud and Atos

As digital adoption intensifies, so does the momentum to reach net zero, a state where no incremental greenhouse gases are added to the atmosphere. Through bold climate action, Atos is on a journey to achieve net zero by 2028 — an aggressive goal that we are on track to achieve. Along the way, we've built many strategic partnerships with our suppliers and partners to provide customers with the most comprehensive, end-to-end decarbonization capabilities to accelerate their quest to net zero.

As we continue strengthening these partnerships to uncover innovative ways to increase sustainability, we're excited to share that we're a partner for Google Cloud's new [Carbon Footprint reporting](#). Developed in collaboration with our team, Google Cloud's Carbon Footprint reporting is available to all Google Cloud Platform (GCP) customers to support their sustainability goals. Carbon Footprint reporting enables enterprises to measure, track and report their carbon emissions associated with cloud usage, a critical step toward a greener, brighter digital future.

## Driven by data

In the digital era, combating climate change and driving innovation are at the forefront for enterprises globally. Leaders are no longer standing on the sidelines when it comes to sustainability. In fact, according to the [Science Based Target initiative's 2020 annual report](#), the planned future emissions reductions of companies with science-based targets will channel up to \$25.9 billion of new investment into climate mitigation activities in the next decade. 2020 was also a milestone year for climate commitments, with the rate of adoption [doubling](#). To see how we're working with the Science Based Targets initiative (SBTi) to reduce their emissions in line with climate science, click [here](#).

To help meet these commitments and investments, enterprises require insights into their carbon impact to lead their organization toward a more sustainable future, and Google Cloud's Carbon Footprint reporting delivers just that. The data from Google Cloud's Carbon Footprint reporting allows teams to leverage insights for internal audits and overall carbon reduction initiatives. With transparency embedded throughout, auditors and reporting teams can verify that their cloud emissions data meets the GHG Protocol. In addition, the new reporting tool includes an in-depth calculation methodology for users. Diving deeper, IT teams and developers can monitor their cloud emissions in multiple ways, including by time, project, product, and region. These critical metrics will enable companies to identify opportunities to reduce their carbon footprint.

Taking it a step further, Atos can help customers lessen their carbon footprint with deeper insights into the information provided by the Google Carbon Footprint reporting. Atos feeds emissions data from the Google tool in our Decarbonization Data Platform, demonstrating potential emissions reductions from GCP to our customers. This reporting opens up new levels of emissions transparency, trajectory planning, and data insight to support our customers in meeting, and potentially accelerating towards, their climate goals.

**"Organizations across the globe are accelerating digital transformations to meet the new realities, opportunities and challenges that face their business. Challenges that include an urgent need to address climate change. In partnership with Atos, we're excited to help organizations ensure their digital transformation is also a sustainable one - supporting technical leaders and developers as they turn sustainability ambitions into action,"**  
said Chris Talbott, Google Cloud Sustainability Lead.

## Navigating sustainability challenges

With the analytics needed to take action, enterprises can step up and accelerate their decarbonization strategies. Committed to change and as a recognized leader for sustainability in digital services and technologies, Atos considers decarbonization to be at the heart of our business strategy. So much so that Google Cloud honored Atos with the [2020 Social Impact Partner of the Year title](#).

Atos' customers turn to us to help them reduce their carbon emissions. Working with Google Cloud to introduce its Carbon Footprint reporting is a vital step in navigating sustainability challenges.

Enabling net zero isn't easy; it comes with many obstacles. However, a key enabler of decarbonization lies in digital services and transformation. By helping organizations and governments transform and become more digitally focused, they will be better positioned to combat the climate crisis across their operations and processes.

One such example, a flagship project in France's ÉcoCité urban planning program, [Grenoble Presqu'île](#), aims to create a new, sustainable living space while meeting environmental targets, including carbon-free energy development. To meet these goals, the smart grid, developed by Atos Worldgrid in partnership with Gaz Électricité de Grenoble, will enable better energy management through smart meters for electricity, network sensors, data aggregators, and more. Another way digital transformation has helped increase sustainability is [Google and DeepMind's](#) artificial intelligence model that enables only the bare minimum amount of energy necessary to cool Google's data centers. This AI model has helped Google cut the amount of energy it uses to cool its data centers by over 40%.

The recent launch of the [Global Net Zero Transformation Center of Excellence](#) managed by EcoAct, an Atos company, is intended to leverage Atos' global skills, resources, and network of more than 200 experts for customers to create their own path toward becoming a net-zero, resilient business.

## Building an effective net-zero strategy

With so many regulations and policies in place, it can be challenging to design a sustainability roadmap. Sometimes just finding a place to start can be a task of its own. New and innovative solutions such as Google Cloud's Carbon Footprint reporting will help enterprises take a step on their journey. Coupled with Atos' dedication to creating more effective pathways to a decarbonized, energy-efficient future by leveraging quantum technologies, smart grids, AI, data analytics, and more, a zero-carbon world is in sight.

The time is now to get serious about decarbonization. Embarking on an [A to Zero](#) journey is one of the most important journeys you will ever make. Change is now, digital is here, and together we can tackle the climate crisis and make the world a better place for decades to come.

