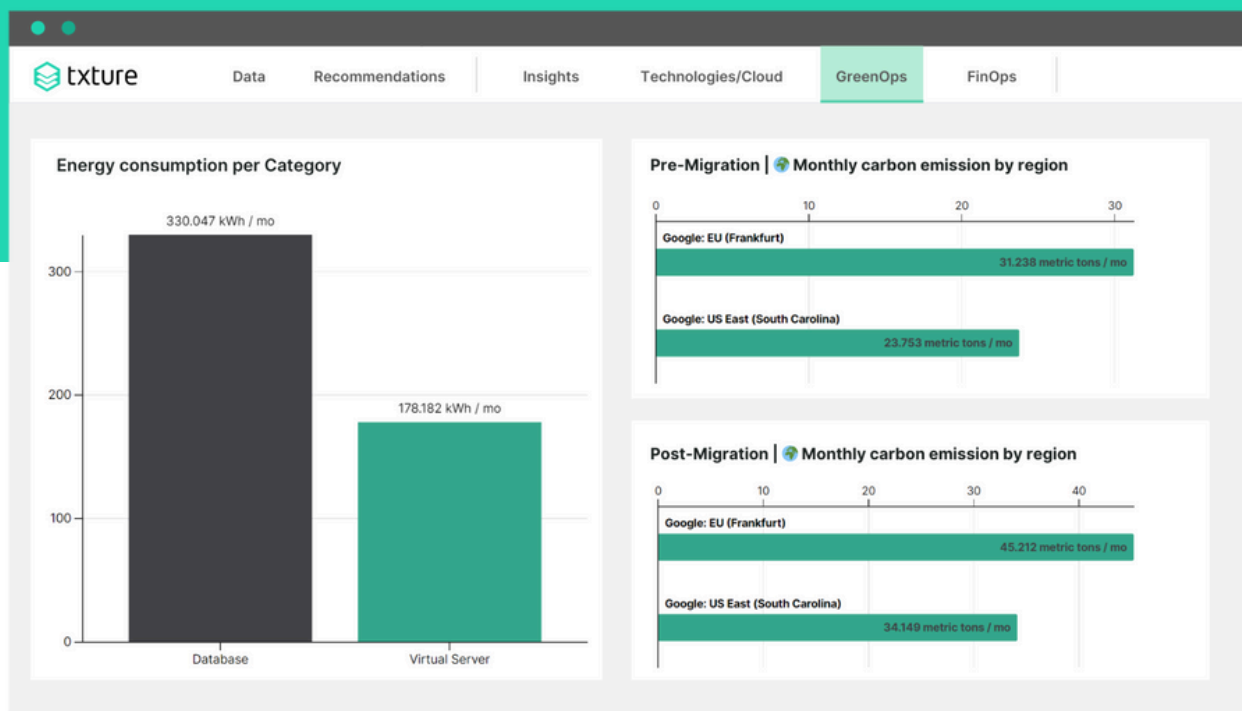txture

USING TXTURE FOR IT SUSTAINABILITY

Understand your IT's carbon footprint. Find opportunities for carbon footprint reduction across your cloud portfolio.

The European Corporate Sustainability Reporting Directive (CSRD) now requires large organizations to report on their CSR practices, including carbon emissions and electricity consumption. Similar regulations are implemented worldwide, including the SEC climate disclosure in the United States.

More and more companies are embracing GreenOps strategies to reduce their cloud portfolio's carbon emissions through an optimized use of cloud services.

This shift not only meets regulatory standards but also enhances organizations' appeal to investors and customers. Ultimately, it boils down to all of us working together to reduce our environmental impact and pave the way for a better tomorrow.

At Txture, we are committed to supporting your organization in achieving its IT sustainability goals.

Txture SaaS platform for IT sustainability

The Txture SaaS platform helps organizations to drive IT modernization initiatives that will maximize value for the business.

In this factsheet, we describe how you can use Txture to:

✓ Develop a clear understanding of your cloud carbon footprint, across locations, provider, technology, etc.

✓ Find actionable ways to reduce your carbon footprint and accelerate your journey to sustainable IT.

✓ Track your IT's carbon footprint evolution over time and simplify regulatory reporting.

1 - Defining your as-is state

It all starts with understanding your current situation. What does your current IT portfolio look like? What is your overall carbon footprint? How is the carbon footprint distributed between each technology provider, deployment location, technology type?

Let's see how Txture helps you answer these questions.

## Build a transparent overview of your current IT estate (whether in the cloud, on premises or hybrid)

With Txture's importers, you can ingest data from a wide range of sources, including cloud providers' APIs. All the information is compiled into Txture's central repository.

This gives you a clear vision of your applications, their underlying architecture, and the business capabilities supported by each application.
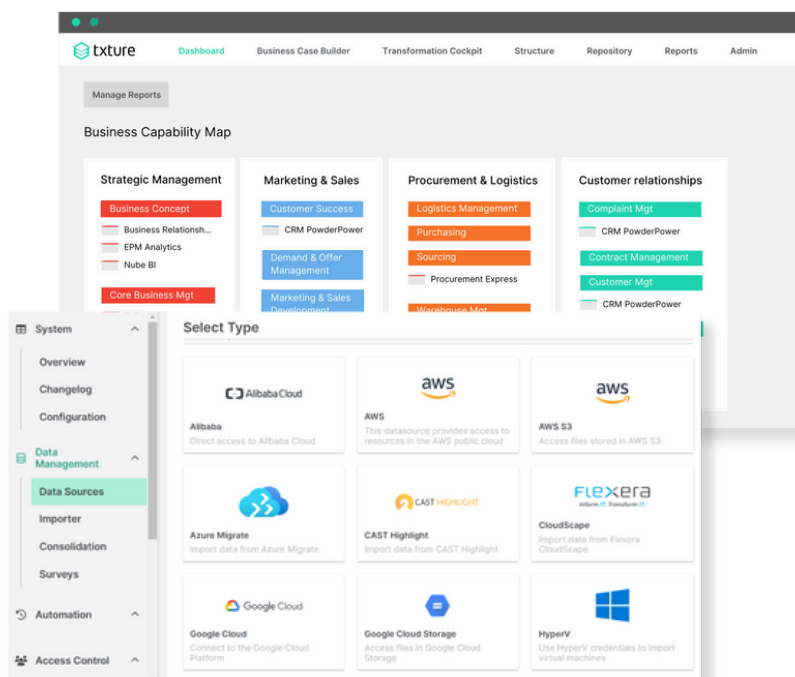
Get detailed insights into your carbon footprint, from a wide variety of angles

With its unique cloud knowledge base, Txture directly adds carbon footprint information to your IT portfolio overview. Enjoy a wide range of customizable reports and get insights into your current cloud carbon footprint.
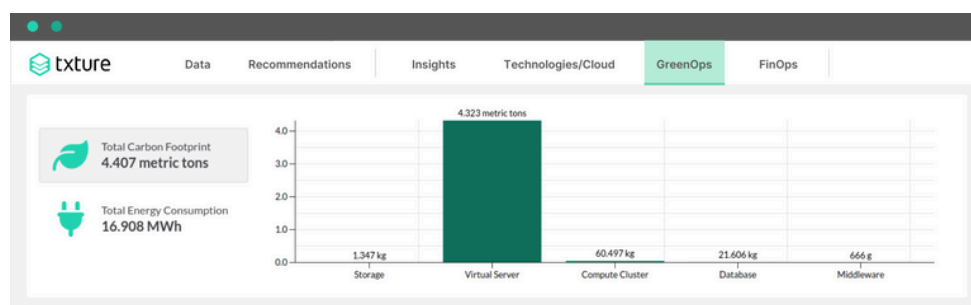
Analyze your carbon emissions and electricity consumption by application, technology type, geographic location, cloud provider, processor type, and more!

2 - Find opportunities to reduce your carbon footprint

Easily compare modernization scenarios and make decisions in line with your sustainability goals

Once your IT portfolio is inventoried in the Txture platform, you can quickly identify applications or systems that would benefit from optimization/modernization.

Txture helps you accelerate your modernization efforts. When you select an application, or a subset of your IT to be modernized, the platform generates a series of replacement architecture proposals. Each proposal comprises a forecast of the carbon footprint (see picture below). It becomes easy to compare several migration scenarios and select the alternative that best meets your sustainability goals.

Consider sustainability, but also price and technical fit in your decision-making

Making the right migration choices is a complex equation, where both sustainability and cost optimization come into play. Besides, you must make sure that the services you choose are in line with your overall modernization strategy. Txture's detailed target architecture proposals enable you to weigh in all these important criteria when making your modernization decisions.
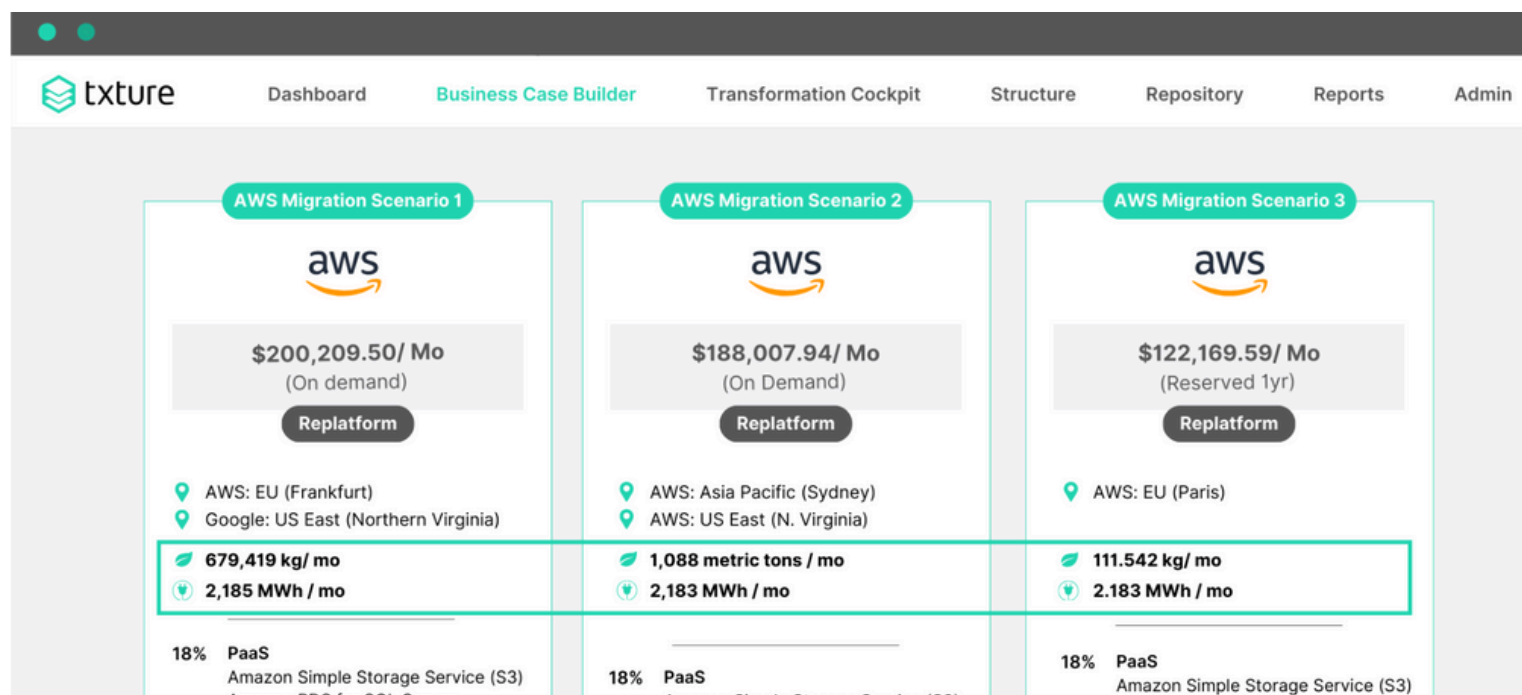
See the tool in action!

Curious to learn more?

Schedule a call with us, we'll be happy to give you a first overview of the platform!

BOOK A CALL

3 - Report on your GreenOps initiatives over time

Txture allows you to compare the carbon footprint of your IT estate before and after a migration initiative. By using this particular data, you can generate reports that demonstrate the effects of strategic decisions made in past migration projects, indicating that you are progressing along the intended path.

You can explore the different subsets of your IT portfolio and analyze the carbon footprint from many different angles: per location, per technology type, etc.
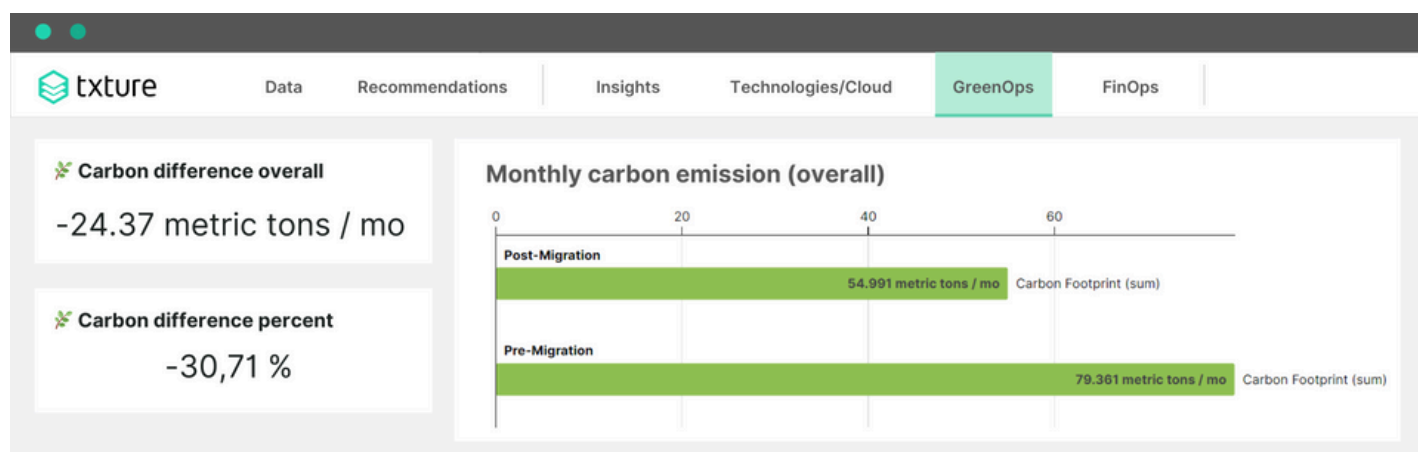
Where does the carbon footprint data come from?

When generating cloud architecture proposals, the platform provides detailed information about features, included cloud services, price, pricing options, as well as CO_2 emissions and electricity consumption. This information is available thanks to **Txture's extensive cloud knowledge base, compiling information about more than 300,000 cloud product variants** from the main cloud vendors.

Carbon footprint estimates are derived from the Cloud carbon footprint project, which uses best practice methodologies to convert cloud utilization into estimated energy usage and carbon emissions.

In today's climate-conscious environment, businesses need to understand their carbon footprint and find actionable ways to reduce it.

Txture provides a way to measure and reduce your carbon footprint over time, resulting in improved operational efficiency, and a stronger reputation.

Reach out to us, we'll be happy to answer your questions and tell you more about the platform.