Platform.sh and the environment

**A major impact on customer success, a minimal impact on the environment**

The PaaS is always greener

As a Platform-as-a-Service (PaaS), Platform.sh helps customers minimize the environmental impact of their applications by hosting them in the cloud. But there's more to being green than simply providing cloud hosting.

As we increase customer workflow productivity and efficiency, Platform.sh remains dedicated to lessening the effects of our activity on the environment. Here's how.


Carbon footprint

Datacenter efficiency
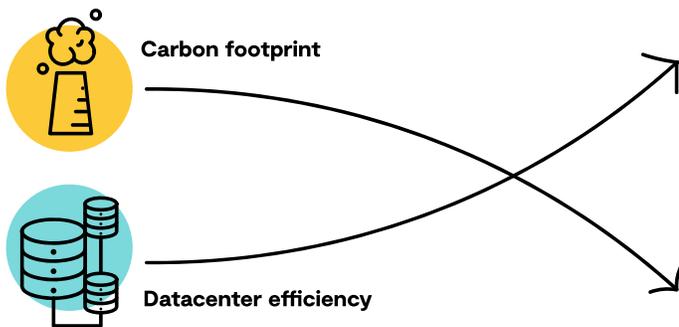
Improved efficiency, smaller carbon footprint

The carbon footprint of any workload is the result of the energy efficiency of the datacenter, the carbon mix of its primary energy sources, the actual workloads, and their orchestration on the underlying infrastructure. Platform.sh helps customers improve operating models for their websites, thereby reducing carbon.

Higher density, higher energy efficiency

Platform.sh is a highly dynamic, container-based solution. This architecture enables us to continuously move containers to different servers to achieve optimal resource allocation and to avoid wasting energy on idle virtual machines.

Virtual machines   Platform.sh
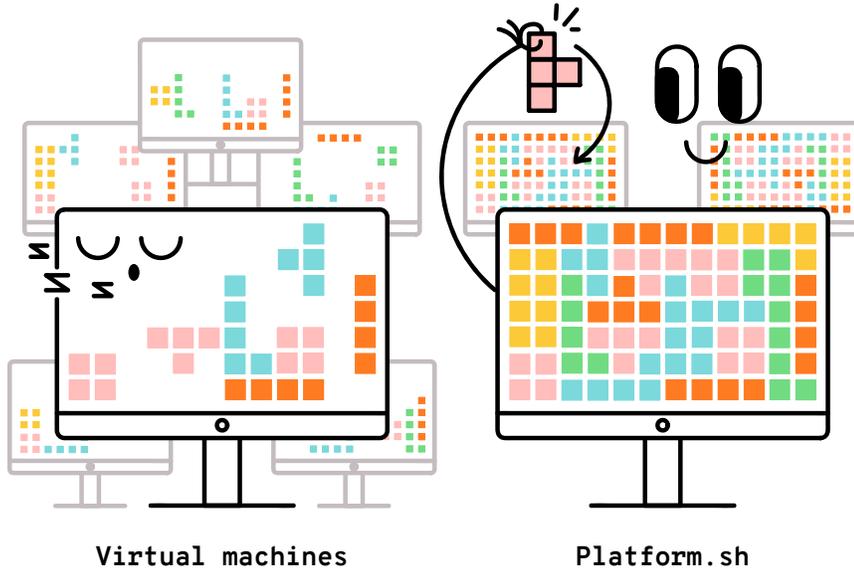
8x
higher density for
production workloads

16x
for development
environments

Compared to running directly on generic cloud virtual machines, Platform.sh can achieve unparalleled levels of density, while continuing to guarantee resources to production and development environments.

Ambitious IaaS provider goals and investments to deliver a greener future

The ICT sector accounts for 2 percent of global CO_2 emissions.[1] Platform.sh partners with infrastructure providers committed to improving their environmental footprints. As a multicloud provider, we offer our customers a choice of Infrastructure-as-a-Service (IaaS) partners and regions in which to run their workloads.

Our infrastructure partners have set bold, yet achievable goals for the next few decades. To meet them, they're investing in green energy like solar and wind farms.

Amazon Web Services

By 2040, Amazon Web Services will produce net-zero carbon emissions and power 100% of its datacenters with renewable energy.

Google Cloud Platform

Google has been carbon neutral since 2007 and plans to operate on 24x7, carbon-free energy in all datacenters and campuses worldwide by 2030.

Microsoft Azure

Carbon neutral since 2012, by 2025, Microsoft Azure will shift to 100% supply of renewable energy for its datacenters, buildings, and campuses.

OVHcloud

OVH plans to achieve carbon neutrality by 2025 and is working towards generating net-zero carbon emissions by 2030.

Remote workforce, radically reduced emissions

Platform.sh has a fully remote, global workforce. Virtually all of our 250+ employees work from home—no need to commute to the office. By eliminating a daily commute, our staff greatly reduces their impact on air pollution, traffic congestion, and public transportation overcrowding.

Less office space, more energy savings, lower emissions

With no need to provide office space for a vast majority of our workforce, Platform.sh conserves the energy that would have been expended in heating, cooling, and lighting business facilities. Working from home lessens the intense demand for office space construction that contributes 38% of global CO_2 emissions.[2]

Research, development, and protecting the planet

From our forward-thinking product roadmap to joining forces with other organizations equally committed to protecting our world for future generations, Platform.sh remains wholeheartedly dedicated to environmental best practices and a reduction in our carbon footprint.

A goal to 10x reduction in energy

Our orchestrator R&D project limits the necessary computing resources of cloud applications in real time. The orchestrator places workloads on the most frugal infrastructures, as close as possible to clients, and enables customers to dynamically migrate their workloads to the most energy-efficient providers and regions.

More cooperation, more climate protection

We have committed our support to a number of high-impact environmental agreements and initiatives, including the Climate Act and One Tree Planted.

[1] Malmodin, Jens and Lundén, Dag. *The Energy and Carbon Footprint of the Global ICT and E&M Sectors 2010–2015.* 25 August 2018.

[2] United Nations Environment Program, Global Alliance for Buildings and Construction. *The 2020 Global Status Report for Buildings and Construction.* 16 December 2020.

Read our environmental policy

platform.sh▬