

Green Hosting

CWCS | CompuWeb Communications Services Ltd | 2022

“As a hosting provider we are part of a power-hungry industry, and we feel it is our responsibility to limit the impact on the environment as much as we can.

We are committed to taking a pro-active approach to be carbon neutral by 2030.”

Karl Mendez

Managing Director

Hosting and the environment

AS A WEB HOSTING COMPANY, WE KNOW THAT DATA CENTRES REQUIRE A TREMENDOUS AMOUNT OF ENERGY, WHICH IS WHY WE ARE WORKING HARD TO ACHIEVE CARBON NEUTRALITY.

Try to imagine how many websites there are online... its billions. All this content is hosted on servers housed in data centres across the world.

From the comfort of your homes/offices, you sign up, pay and manage content digitally and never even step foot in a data centre instead they use a web host who takes care of everything for them.

Running these servers uses a lot of power. They need to be kept running in a cooled, controlled environment. So they require a large amount of energy and have a significant carbon dioxide (CO2) output. That makes them less than optimal for our environment.

In fact it uses so much power that UK data centres account for 12% of UK energy consumption and 3% of all global energy.

So how can hosting companies help?

Hosting companies should be making a commitment towards providing green hosting solutions for all their customers.

Green web hosting relates to web hosting companies that actively try to carry out eco-friendly initiatives to mitigate their impact on the environment.

Cloud versus physical hosting

THERE ARE SEVERAL DIFFERENT APPROACHES THAT YOU CAN ADOPT FOR YOUR HOSTING. WE ENCOURAGE ALL OUR CUSTOMERS TO THINK ABOUT THE ENVIRONMENTAL IMPACT THEIR HOSTING HAS.

When choosing the right hosting solution for your business, one of the biggest choices is between cloud hosting and physical hosting.

Cloud hosting is a cluster of Dedicated Servers and SAN storage which are virtualised. Many virtual servers can be hosted from a reduced hardware footprint which significantly decreases the amount of power used for a single server. These servers only exist in a virtual environment – hence the name cloud.



A recent study at CWCS, showed that a cloud server uses 88% less power than a dedicated server.

To find out more about cloud hosting and how it can help your business visit our [website](#)

Our green philosophy

01

Green energy

CWCS energy usage is 100% offset by renewable energy.

We are proud to have a REGO (Renewable Energy Guarantee of Origin) electricity supply, meaning that our power consumption is now 100% offset by renewable energy.

02

Green-minded staff

Our team work together to make our workplace environmentally friendly and help our customers make green choices.

CWCS encourages all our staff to take part in our recycling efforts, cycling to work scheme and offers work from home options to cut down on emissions.

03

Green planet

We plant a tree for every server, so you know you're helping the planet with every purchase.

What we're doing now

RENEWABLE ENERGY

To help protect our planet, CWCS is proud to have a REGO (Renewable Energy Guarantee of Origin) electricity supply, meaning that our power consumption is now 100% offset by renewable energy.

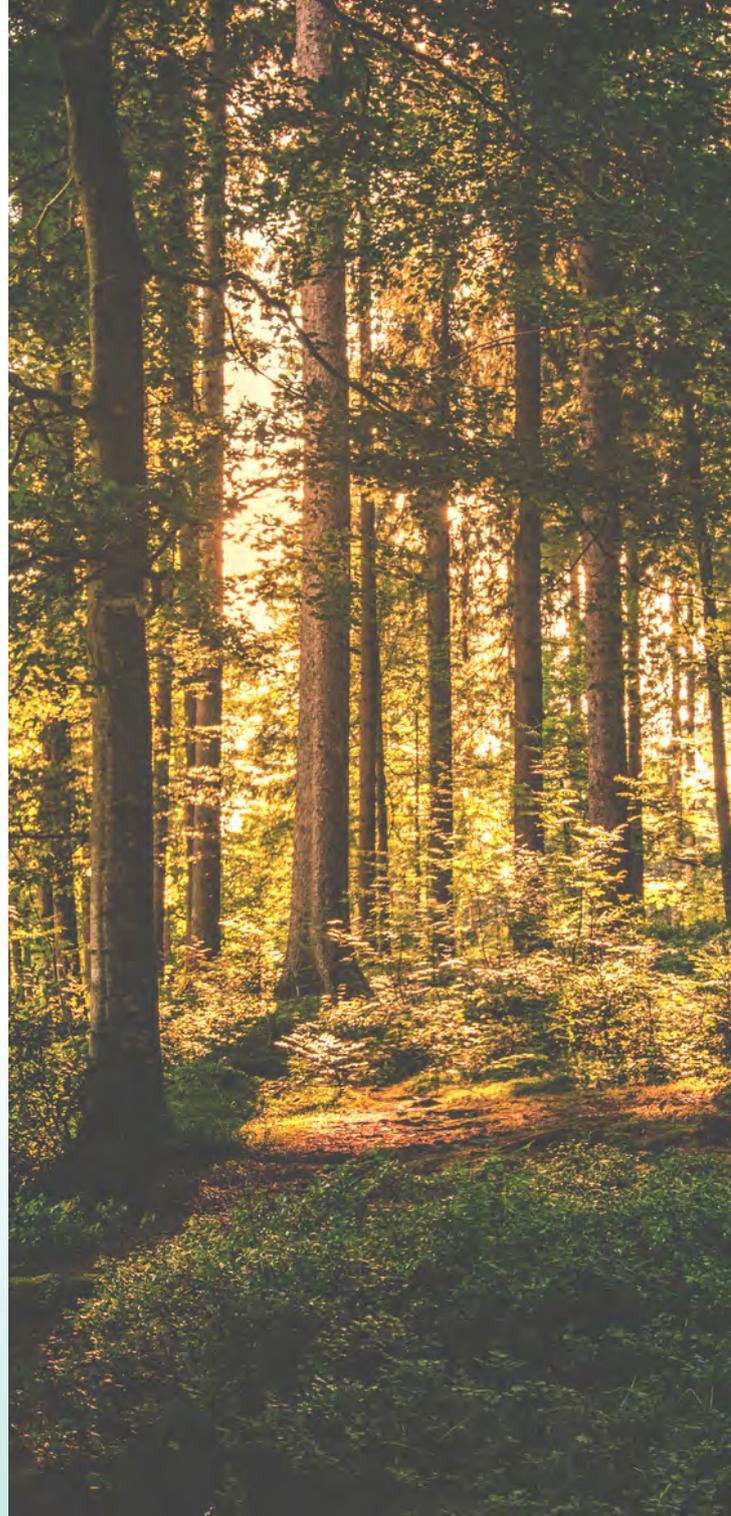
RECYCLING AND REPURPOSING

We will recycle and repurpose hardware. When the hardware is no longer fit for purpose we will resell them.

Hardware that cannot be repurposed is disposed of by a WEEE registered waste management company.

RECOMMENDING ENVIRONMENTALLY FRIENDLY PRODUCTS.

A cloud server uses 88% less power than a dedicated server. Where possible, our team help businesses make the environmentally-friendly choice of cloud hosting.



A TREE FOR EVERY SERVER

We pledge to plant a tree for every new server purchased in 2022. By working with Just One Tree we promise to plant a tree to help offset our energy usage and to help make the world a greener place.