NUTANIX. SCC

NUTANIX FOR THE

# PLANET

Your path to a more sustainable digital future

## Time is running out

IPCC are calling for emissions to be **reduced by 50%** by 2030 to help reduce the risk of the worst effects of global warming.

The CEO of Blackrock – the world's largest fund manager – places sustainability at the core of their investment strategy. **High carbon companies may not get investment.**

It is vital that companies play their part in helping to

## reduce emissions

## The Impact of IT

Most companies cannot lower emissions unless IT makes a major contribution.

With advancing digitalisation, the energy requirements for datacenters and digital infrastructures are continuously increasing.

Since 2010, the number of internet users has **doubled**.

And internet traffic has **increased** by a factor of 15.

## The Problem with the Datacenter

The biggest contributor to scope 2 emissions for non-industrial organisations is the datacenter – accounting for **25%** or more of total emissions.

## 2021 Datacenter Carbon

**27 mio, $tCO^2e$** ≈ **5,9m**

The carbon output to run datacenters in EMEA in 2021 created roughly **27 mio, $tCO^2e$**

equals as much $CO^2$ as about **5,9 million** vehicles emit in one year*

## Lowering Your Carbon Emissions

Businesses can lower datacenter carbon emissions by using more efficient rack technologies such as HCI.

HCI can help to reduce power consumption by removing workloads off traditional 3-tier IT platforms and onto Nutanix Cloud Platform, and other workloads into the public cloud.

Save up to **€8,06** bn Euros

In the EMEA region HCI architectures have the potential to reduce up to **55,5 TWh** from 2022-2025 and save up to **8,06 bn Euros** in electricity costs

**26,74%** reduction

3 tier architecture to HCI has the efficiency potential of a **26,74% reduction** of more than **2 TWh**

## How does Nutanix help?

**Clever design**
Simple Webscale Architecture with HCI

**AI and automation**
Uses the exact amount of IT resources at the right time

Many of our customers have already seen amazing results from switching to HCI with Nutanix...

MANCHESTER CITY COUNCIL

**"Manchester City Council saw a 90% reduction in rackspace from deploying Nutanix"**
Manchester City Council

AL NABOODAH

**"50% energy saving, reduced admin efforts by around 40%"**
Al Naboodah Group

THE HOME DEPOT

**IT needn't cost the earth - "50% reduction in total cost of ownership for Home Depot"**
Home Depot

Empire Life

**Slashes IT rackspace by 16:1**
Empire Life Insurance

## Nutanix for the Planet

Here at Nutanix, we are committed to reducing the carbon footprint of I.T. And that's why we, with our Partners, have formed Nutanix for the Planet. A movement to help businesses get on the path to a more sustainable future.

Talk to your SCC representative to find out more about Nutanix for the Planet.

We ran commissioned an expert firm to analyse the effects of Hyper Converged Infrastructures (HCI) on energy costs and CO2 emissions in the data centre. For the first time, we can offer a forecast with regard to the aggregated savings potential at European level (EMEA) and individual national markets. This highlights what a broad based transformation towards modern data centre architectures can achieve in terms of energy efficiency and climate protection. *Calculated with an average carbon equivalent of 0,204 kgCO2/kWh for the EMEA region. **Calculated with an average of 4,636 CO2 emitted by a car per year.