

Delivering sustainable IT together

NTT DATA and HPE Aruba Networking accelerate business through sustainability



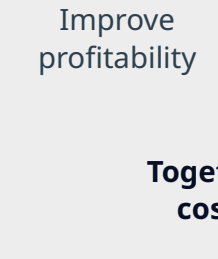
The sustainability opportunity

European companies are investing heavily in **sustainability solutions** to meet and report on increasingly stringent compliance obligations. Their major challenge is how to **reduce energy consumption and emissions in practice**.

Legacy technologies are unsustainable and cost-inefficient

The energy overheads of running data centers and older IT infrastructure drive up IT operating costs and cut into profit margins.

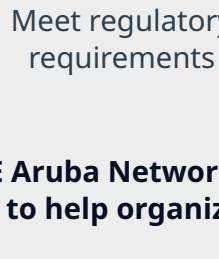
Companies need sustainable IT strategies that drive business value¹



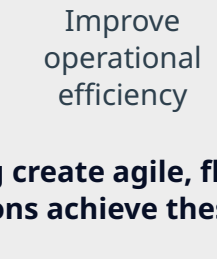
Improve profitability



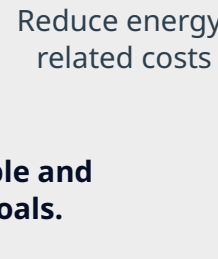
Streamline the innovation process



Meet regulatory requirements



Improve operational efficiency



Reduce energy-related costs

Together, NTT DATA and HPE Aruba Networking create agile, flexible and cost-effective IT solutions to help organizations achieve these goals.

¹ Source: IDC European Custom Survey 2022, n = 500 Turning Sustainable IT into a Business Accelerator



European companies are prioritizing environmental, social and governance (ESG) initiatives

More than half of European organizations include ESG criteria in their technology RFPs (requests for proposal).²

² Source: IDC European Custom Survey 2022, n = 500
¹ IDC: Turning Sustainable IT into a Business Accelerator

Top 5 ESG-related factors in RFPs³

- 01 Carbon footprint information: **52%**
- 02 Supply chain adherence to ESG principles: **48%**
- 03 Reducing ewaste at end of life: **48%**
- 04 Using renewable energy: **47%**
- 05 Independent audits of ESG credentials or claims: **44%**

It's critical to transform private IT infrastructure to drive down overheads and waste.

4 pillars of private IT infrastructure efficiency and sustainability

01 Modern and efficient infrastructure

- Highest performance per watt
- Built for automation
- Designed for sustainability or recyclability
- Use of environmentally friendly materials



02 Automation and AIOps for efficient infrastructure utilization

- Workload consolidation
- Smallest number of active servers
- Highest utilization
- Reduced overprovisioning
- Energy-aware software design



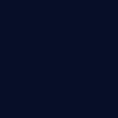
03 Data centre cooling architecture and operations

- Direct liquid cooling
- Free air cooling
- High-temperature operations enable functionality at efficiently warmer ambient temperatures
- Evaporative/waterless cooling
- Heat capture and reuse



04 Data centre renewable or low-carbon energy supplies

- Solar, wind and nuclear are a larger part of Europe's power mix
- Increasing use of self-generated power
- Enhanced energy storage capabilities
- Power purchase agreements

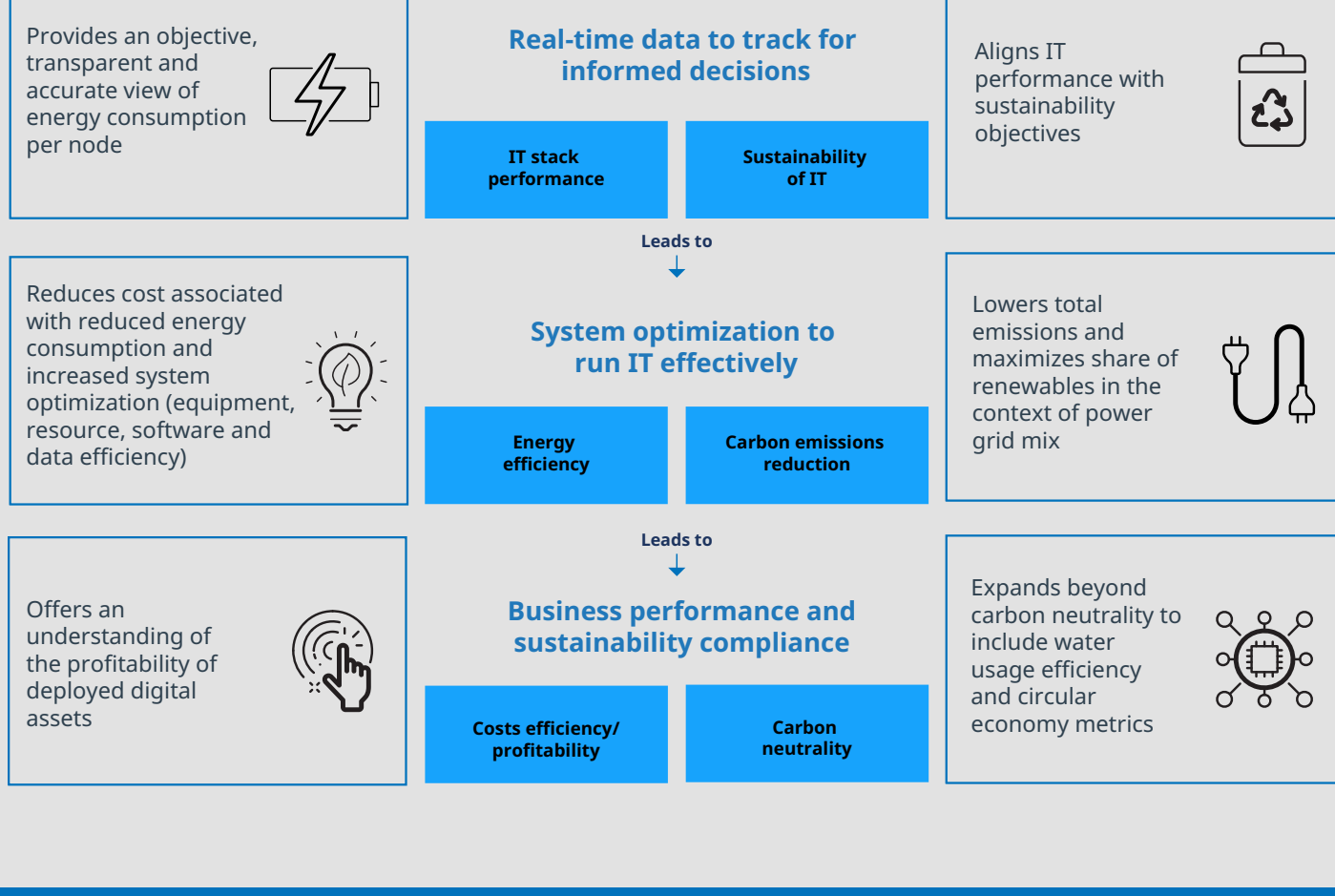


Sustainable IT in action

Top 5 ways to improve the efficiency and sustainability of private IT infrastructure

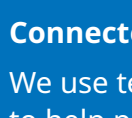
- 01 Accelerate the **renewal** of aging, inefficient hardware
- 02 Increase the use of **renewable energy** in the supply mix
- 03 Have a **dedicated role** responsible for improving IT sustainability
- 04 Implement **dynamic workload management**
- 05 Improve the **energy awareness** of applications throughout the software development lifecycle

Sustainable IT investments accelerate long-term business value



NTT DATA and HPE Aruba Networking: your sustainability partners of choice

NTT DATA believes the journey toward sustainability is an opportunity to create both short- and long-term benefits for the environment, the economy and society at large.



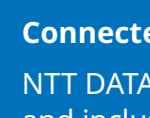
Connected planet:

We use technology solutions to help protect, restore and regenerate the natural world, and conserve precious natural resources for future generations. We're committed to net-zero emissions across our operations by 2030, and across our value chain by 2040.



Connected economy:

At NTT DATA, we're using our trusted technology to help organizations thrive and make their contributions to a sustainable and resilient digital future. We're growing our portfolio of smart solutions to support our clients and partners in reducing 200 million tonnes of greenhouse gas emissions by 2026.



Connected communities:

NTT DATA is supporting diverse and inclusive communities where we operate, enabling access so everyone has the opportunity to realize their potential. By 2030, we'll have provided 5 million young people and children from underprivileged areas with digital access and education opportunities. What's more, NTT DATA is contributing 1 million hours of volunteering hours every year, from 2025.



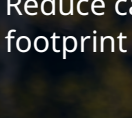
HPE Aruba Networking is committed to becoming a net-zero enterprise by 2040 and has a roadmap to get there. HPE is now one of only two global IT companies to have a 2040 (or earlier) net-zero target approved by the Science Based Targets Initiative (SBTI), in alignment with the latest climate science.

Some of HPE Aruba Networking's key sustainability achievements include:

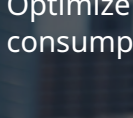
- ➔ **Successfully driving circularity:** Our Technology Renewal Centres have processed over 3.6M IT assets, remarketing 82% for a second life.
- ➔ **Ensuring green technology:** 96 HPE systems made the Green500 list of the world's most energy-efficient supercomputers, with Frontier as #1.
- ➔ **Delivering sustainable solutions:** Optimized manufacturing at clients like 3M has resulted in better products and a whopping 20% energy savings.
- ➔ **Industry recognition:** HPE Aruba Networking is proud to be named as #1 by JUST 100, ranked #2 in the industry on the Dow Jones Sustainability Index (DJSI), and listed as one of Ethisphere's World's Most Ethical Companies for 5 consecutive years.

Smart solutions for your sustainability ambitions

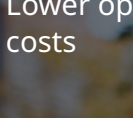
Together, NTT DATA and HPE Aruba Networking create smart solutions, build green IT environments and provide our clients with modern networks to accelerate their sustainability ambitions.



Reduce carbon footprint



Optimize energy consumption



Lower operating costs

We're creating secure digital solutions to tackle social and environmental issues for clients across multiple sectors. HPE Aruba Networking aims to continue supporting NTT DATA's goal of reducing its portfolio of smart solutions in an effort to help clients reduce 200 million tones of greenhouse gas emissions by 2026.

Join us in building a sustainable future with NTT DATA and HPE Aruba Networking. Together, we're not just transforming the way businesses operate - we're shaping a world where technology and environmental responsibility go hand in hand.



Contact us

Find out more about our partnership.