

Media Backgrounder Sustainability

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Introduction

Climate change is an issue with global implications; the effects stretch beyond individual countries and specific regions. In November 2016, the Paris Agreement (COP21) came into force – encouraging the global community to commit to reducing carbon emissions to ensure a sustainably healthy environment for future generations. Meeting these targets demands not only a shift towards cleaner sources of energy but also reduced use of fuel.

As a global technology company, Fujitsu aims to create new value through digital transformation, building a sustainable business which brings efficiency, cost reduction whilst reducing the impact on the environment. To enable this, sustainability is fundamentally part of Fujitsu's DNA. This is reflected in the corporate philosophy, the "Fujitsu Way" which aims to "protect the environment and contribute to society with all our actions". Furthermore, by adopting a multifaceted approach through cooperation with many partners, Fujitsu is able to create and grow social value on an even larger scale.

Fujitsu's Sustainability Policies

- Fujitsu's Environment Policy recognizes that global environmental protection is a vital business issue. In addition to complying with all environmental regulations required for its business operations, Fujitsu pursues additional environmental protection activities. The company aims to use its technology expertise and creative talents to contribute to sustainable development. Through individual and collective action, Fujitsu continuously strives to safeguard the natural environment for future generations.
<http://www.fujitsu.com/global/about/environment/approach/policy>
- The Fujitsu Group has established the "FUJITSU Climate and Energy Vision," a medium- to long-term environmental vision through 2050, with the goal of bringing the Fujitsu Group's CO2 emissions to zero, and achieving a decarbonized society, as well as contributing to the response to climate change, through technology supporting digital transformation. By achieving this vision, Fujitsu will create innovation through ICT that plays a role in leading the way to a post-carbon society.
<http://www.fujitsu.com/global/about/environment/approach/vision/index.html>
- The Sustainable Development Goals (SDGs) adopted by the United Nations in 2015 are a set of common goals to be achieved worldwide, including by developed countries, by 2030. Fujitsu has positioned the United Nations Sustainability Development Goals as a key element in realizing its connected services offerings for the benefit of customers and society.
<https://www.fujitsu.com/global/documents/about/resources/reports/sustainabilityreport/2017-csrreport/fujitsureport2017-010201-e.pdf>

Fujitsu Sustainability Credentials

- Fujitsu was named as one of FORTUNE Magazine's 2017 List of 'World's Most Admired Companies'
- In September 2010, Fujitsu became the first ICT services company to be certified under Japan's Ministry of the Environment's "Eco-First Program." Under the program, industry-leading companies pledge to fulfil their environmental commitments to the Minister of the Environment in areas such as countering climate change and conserving biodiversity.
- The Augsburg factory follows the Ecovadis corporate and social responsibility methodology which ranks Fujitsu GmbH in the top 15 percent of all evaluated companies.
- The Fujitsu Group has implemented an environmental management system (EMS) based on the ISO 14001 international standard to promote environmental improvement activities across the group. As a part of this EMS, Fujitsu collects information from all its

companies relating to areas including environmental impact and the environmental communication activities. The EMS is constantly evaluated and improved to promote group-wide environmental management activities, including environmental audits and internal education. <http://www.fujitsu.com/global/about/environment/management/ems>

- Fujitsu attained ISO 14001 certification for its Japanese consolidated subsidiaries at the end of FY 2004, and achieved global integrated certification in FY 2005. Full-scale operation of the revised ISO (2015 version of ISO14001) began in fiscal 2017, and the Fujitsu Group will undertake new renewal inspections to have its certifications reauthorized in March, 2018). <http://www.fujitsu.com/global/about/environment/management/ems/result>
- Fujitsu is recognized as an active member of organizations committed to achieving quantifiable improvements on society's environmental and social impact including: the Dow Jones Sustainability World Index, the Carbon Performance Disclosure Index, the Carbon Disclosure Leadership Index, the FTSE4 Good Global Indices, the Green Grid and the UN Global Compact 100
- Fujitsu was awarded the Grand Prize at the 26th Global Environment Award for the highly efficient and miniature power supply it developed - the GaN HEMT. This power supply is not only highly efficient but it also makes it possible to create a 10-W class AC adapter at the same size of a 5-W-class product.

Customer Cases

Whether it is the conservation of our valuable resources by server virtualization and desktop consolidation, commissioning our datacentre services, or the development of human centric applications, Fujitsu delivers proven sustainable solutions to every industry, every day.

<http://www.fujitsu.com/global/about/resources/case-studies>

- [AIRBUS](#)
Airbus S.A.S began digitizing its operations and introduced radio-frequency identification technology (RFID) across the full lifecycle of its operations. This required strict criteria to be met, and Fujitsu successfully qualified in all areas. The technology enables a wide range of information, from part numbers to maintenance history, to be electronically and digitally attached to individual aircraft components.
- [Lake Biwa IoT-Based Maintenance](#)
Built on a Fujitsu IoT UBIQUITOUSWARE platform, a Head Mounted Display (HMD) was developed for local staff, featuring an easy to read screen, location specific information, and the capability to connect wearers with experienced personnel in real-time. This has Improved flood response with simplified operations and secured connectivity with remote expertise.
- [Meridian Energy](#)
Meridian Energy is an integrated, 100 percent renewable energy company and the largest electricity generator in New Zealand. Fujitsu is now working with Meridian on a medium-term plan to help the company improve its sustainability. The plan includes embedding the Fujitsu ICT Sustainability Framework which includes business case analysis, benchmarking the level of ICT Sustainability Maturity, energy and cost savings models, and a comprehensive roadmap and strategy on how to achieve global best practice in ICT Sustainability.
- [MTU Maintenance](#)
The Fujitsu Modular Data Center turnkey security solution offers excellent flexibility whilst maintaining the highest possible security standards for the building services within the container at an attractive price.
- [Tata Power SAP based billing infrastructure](#)
The Goa Electricity Department wanted to increase revenue, enable digital transformation, automate processes and introduce online functionality. The company collaborated with Fujitsu to implement SAP, replacing an almost entirely paper-based system with a standardized, automated platform that enabled end-to-end billing, from the call center to online payments.
- [NEDO and PETRA Develop World's Highest Transmission Density Optical Transceiver](#)
Fujitsu has collaborated to develop a compact, high-capacity optical transceiver technology that operates at approximately 400Gbps/cm squared, the world's highest transmission density, roughly double that of previous technology. At the same time, the company has also developed four-level-pulse control optical modulation transmission technology, which enables 56Gbps per channel high-speed data transmission with a reduction in power consumption of about 40 percent versus previous technology.
- [Esslingen am Neckar Uses ESPRIMO PCs As Standard](#)
The city chose the ESPRIMO P910 0-Watt from Fujitsu as its standard PC which in turn reduced energy costs thanks to their energy efficiency. The deployment also resulted in lower support costs as a result of the modern, homogeneous client infrastructure.

- [QANTAS](#).

Qantas is aligning its ICT strategies with the Group's broad sustainability charter. With a \$4.4 billion annual fuel bill for its airline fleet, ICT energy use may appear as a blip on the Qantas radar. But as sophisticated technologies underpin the Group's broad efficiency and corporate social responsibility goals, and its sizeable ICT infrastructure produces a significant 6,000 tons of CO₂ emissions per year, ICT sustainability must play its part in meeting reduction targets. See how Qantas works with Fujitsu on Sustainability in [Part 1](#) and [Part 2](#) of our video case study.

- [KLM Equipment](#)

KES worked with Fujitsu Select Circle Partner SJ-Solutions B.V. and Fujitsu to design and deploy two clustered FUJITSU Storage ETERNUS DX100 devices over two sites to support EAM, finances, ERP and other core business functions for 150 users. The result was a doubling in application performance with more productive and less frustrated users. The project also lowered energy consumption for storage by 40 percent, reducing electricity bills, cooling and minimizing environmental impact.

- [Meridian Energy – ICT Sustainability Quick Start & Foot printing](#)

To identify opportunities for the company to align with global best practice and to maintain its leadership position as one of New Zealand's most sustainable companies, the Fujitsu Consulting Sustainability team conducted an ICT Sustainability Quick Start Assessment and. This delivered a detailed understanding of sustainability across the company's entire IT estate and created a detailed strategic roadmap for achieving global best practice.

- [New Oracle ERP introduced by home group](#)

Fujitsu implemented a new Oracle ERP platform for 4,000+ Home Group employees to accelerate processes and to make them more efficient, saving around £8.5m per year thanks to increased efficiency and reduced paper usage.

Online resources

- Fujitsu Technology and Service Vision: <http://www.fujitsu.com/global/vision/paper/our-vision/>
 - Fujitsu Climate and Energy Vision <http://www.fujitsu.com/global/about/environment/>
 - Sustainability Perspectives: <https://www.sustainability-perspectives.com/about>
 - Fujitsu Group Action Plan (Stage VIII): <http://www.fujitsu.com/global/about/environment/approach/plan/>
 - Overview of Fujitsu's sustainable solutions: <http://www.fujitsu.com/global/solutions/sustainability/?custom01=mdd>
 - Overview of Fujitsu's environmental activities: <http://www.fujitsu.com/global/about/environment/>
 - Fujitsu's approach to corporate social responsibility: <http://www.fujitsu.com/global/about/csr/>
 - Fujitsu pictures and media server: <http://mediaportal.ts.fujitsu.com/pages/portal.php>
 - Social media
 - o Twitter: https://twitter.com/#!/Fujitsu_Green
 - o LinkedIn: http://www.linkedin.com/groups?gid=3736273&trk=hb_side_g
 - o Facebook: <https://www.facebook.com/#!/pages/SustainabilityFUJITSU/216491721740724>
- For regular news updates, bookmark the Fujitsu newsroom: <http://ts.fujitsu.com/ps2/nr/index.aspx>

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About Fujitsu

Fujitsu is the leading Japanese information and communication technology (ICT) company, offering a full range of technology products, solutions and services. Approximately 155,000 Fujitsu people support customers in more than 100 countries. We use our experience and the power of ICT to shape the future of society with our customers. Fujitsu Limited (TSE: 6702) reported consolidated revenues of 4.5 trillion yen (US\$40 billion) for the fiscal year ended March 31, 2017. For more information, please see <http://www.fujitsu.com>.

About Fujitsu EMEA

Fujitsu promotes a Human Centric Intelligent Society, in which innovation is driven by the integration of people, information and infrastructure. In the Europe, Middle East, India and Africa region (EMEA), our 28,000-strong workforce is committed to Digital Co-creation, blending business expertise with digital technology and creating new value with ecosystem partners and customers. We enable our customers to digitally transform with connected technology services, focused on Artificial Intelligence, the Internet of Things, and Cloud - all underpinned by Security. For more information, please visit <http://www.fujitsu.com/fts/about/>