

How SAP was able to shift to 100% renewable energy with smart renewable energy solutions

- SAP became one of the first companies to join the RE100 initiative in January 2015
- SAP invested in EKOenergy certified renewable energy certificates
- A scalable solution was developed to support SAP's future growth

About the client



SAP is a global multinational software corporation that makes enterprise software to manage business operations and customer relations. Headquartered in Walldorf, Germany, the company operates regional offices and data centres all over the globe.

"Our investment in renewable energy plays a critical role in reducing our environmental impact. Our shift to 100% renewable energy in all of our data centers and facilities is one of our most significant actions to date to make our operations more sustainable and better serve our customers."

Marcus Wagner

Director Environmental Sustainability, SAP SE





The Goal

German-based software company SAP is growing at an astonishing rate, and with the IT sector responsible for 2% of global GHG emissions, the company wants to reduce its carbon footprint to year 2000 levels by 2020. SAP identified renewable electricity as pivotal in reaching this target and in early 2014, announced its commitment to 100% renewable energy in all its data centres and facilities worldwide. In January 2015, SAP became one of the first companies to join the RE100 initiative.

The Challenge

While SAP has made significant efficiency gains, electricity still makes up 25% of its CO₂ emissions. Moreover, cloud storage solutions are an area of massive growth potential for the company, but they require further energy-intensive data centres.

The Solution

To reach its RE100 commitment, SAP decided to invest in high quality renewable energy certificates (RECs) with eco-label certification. All of SAP's purchased renewable electricity is now EKOenergy certified. In 2017 SAP sourced EKOenergy labelled electricity from South Pole for all its operations in North America and Europe.

EKOenergy certifies electricity from renewable energy installations that fulfil additional sustainability criteria. Through the purchase of EKOenergy, SAP is ensuring that its operations are powered with renewable electricity – all while contributing to the EKOenergy Climate Fund, which finances new off-grid solar projects in communities in developing countries.

Why work with Us

Global Knowledge, Local Understanding

We are a truly global provider of sustainability solutions and services. Our team is made up of over 300 experts, located in 18 offices across six continents. Our local knowledge and global reach allows us to tailor our solutions to suit your needs.

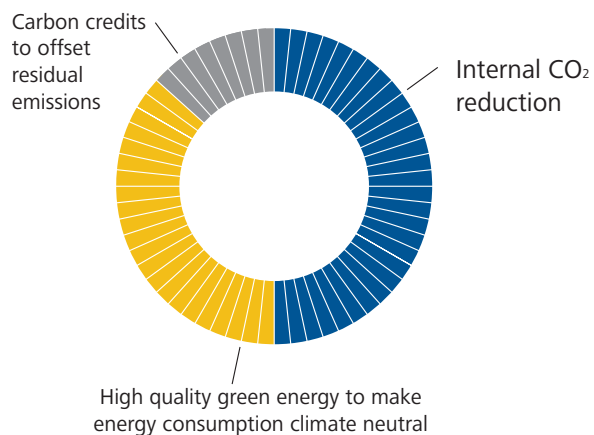
Proven Impact

For more than a decade, South Pole has worked with a wide range of public, private and civil sector organisations to accelerate the transition to a climate-smart society. We have screened over USD 2 trillion in investments for their climate impact, and developed 700+ projects in renewables, forestry, land use, industry and households. Through our efforts, we have saved over 170 million metric tons of CO₂ – roughly equal to the annual greenhouse gas emissions of New York state.

Added Value

We help you grow with groundbreaking solutions that benefit your business, the environment, and communities all over the world.

SAP climate strategy



SAP has a three-pronged global climate strategy

GET IN TOUCH TO DISCUSS HOW WE CAN SUPPORT YOU

Natalia Gorina • Sales Director Carbon & Renewables • n.gorina@southpole.com • +41435013573

Visit www.southpole.com/contacts to find your local office or call our Headquarters in Zurich on +41 43 501 35 50