Your partner in climate responsibility

Lenovo CO_2 Offset Services

Lenovo's CO_2 Offset Service offers a seamless and transparent way to offset the estimated emissions associated with your Lenovo PCs, desktops, or tablets. We've assessed the estimated carbon emissions for the average lifecycle of your device—including manufacturing, daily use, and eventual retirement of your device.

By participating in Lenovo's CO_2 Offset Services, you are directly contributing to a portfolio of climate action projects. Each initiative is vetted and independently verified by the United Nations Clean Development Mechanism (CDM), Climate Action Reserve, and Gold Standard®. This helps ensure that your investment in carbon credits is not only responsible but also contributes to meaningful and verified environmental efforts.

Supporting global climate action

FInd out more about each project by clicking on the dots in the map.

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Sah Wind Power Plant

Turkey

Quick overview:

01 Certified by Gold Standard®

02 Project supports access to affordable, clean energy and promotes economic growth

03 Helps avoid approximately **203,000 tonnes of CO_2e** per year[1]

04 Supports **3** of the 17 SDG goals:
Affordable and Clean Energy | Decent work and economic growth | Climate Action

Challenge

Burning fossil fuels for power generation emits significant greenhouse gases, contributing to global warming and air pollution.

Solution

The Sah Wind Power Plant was established to replace old fossil fuel power plants in the Bandirma and Bursa regions of Turkey. It consists of 35 wind turbines, each with an output of 3.0 MW, and connects to Turkey's national electricity grid via a 35 km transmission line[1].

Impact

This project has played a key role in reducing potential CO_2 emissions in the region and will continue to contribute towards the economic growth[2] of the area by generating 341.275 MWh of clean energy per year. Additionally, this project has helped build roads around the project area and has provided training and employment opportunities for the local community.

Learn more

Source:

1 Gold Standard Project Registry
2 Project Sah Wind Power Plant

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300MW Solar Power Plant

Rajasthan, India

Quick overview:

01 Certified by Gold Standard®

02 Project supports access to affordable, clean energy and promotes economic growth

03 Helps avoid approximately **492,000 tonnes of CO_2e** per year[1]

04 Supports **3** of the 17 SDG goals:
Affordable and Clean Energy | Decent work and economic growth | Climate Action

Challenge

Fossil fuel power plants emit high levels of greenhouse gases, contributing to climate change and environmental degradation.

Solution

The project is a 300 MW solar power plant generates electricity using renewable solar energy. It replaces emissions of greenhouse gases (GHG's) estimated to be approximately 693,327 tCO_2e per annum, thereby displacing 741,845 MWh/year amount of electricity from the generation-mix of power plants connected to the Indian electricity grid[2].

Impact

Generates 900,443.59 MWh of renewable energy annually, the project reduces fossil fuel reliance, helps reduce GHG emissions, and creates employment opportunities, promoting solar technology development in India[2].

Learn more

Source:

1 Gold Standard Project Registry
2 Project description – Solar PV plant at Bhadla

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Ascend Performance Materials N2O Abatement Project

Florida, USA

Quick overview:

01 Certified by Climate Action Reserve

02 Helps avoid approximately **2.2 million tonnes of CO_2e** per year[1]

Challenge

Nitrous Oxide (N2O) is a potent, unregulated greenhouse gas with a global warming potential 265 times[2] that of CO_2 and is normally generated as a waste product at the project site.

Solution

The Florida N2O Abatement project is the largest voluntary N2O abatement initiative in North America, converting waste N2O from the adipic acid process into less harmful substances. Phase I of the project helped with the installation of an absorption column that will convert NOX to nitric acid via a high-pressure water absorption process. This absorption column will allow the Thermal Reduction Unit (TRU) to accept a higher percentage of the flow from the adipic acid plant, resulting in a higher quantity of N2O destroyed. In 2023 Phase II of the project installed a new control device to effectively destroy both N2O and NOx and provide reliability to maintain the highest possible level of N2O destruction[3].

Impact

This project helps to permanently destroy N2O emitted into the atmosphere.

Learn more

Source:

1 Phlogiston Phase-1, CAR
2 GWP value for 100-year time horizon from IPCC AR5
3 Climate Action Reserve project description

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Support measurable environmental progress

Become a part of this initiative and join our commitment to help make a positive impact on society and the environment.

Reach out to us to learn more about Lenovo CO_2 Offset Services and gain insights on how you can make a substantial contribution to a more sustainable future.

Contact us