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## Siemens cuts CO<sub>2</sub> emissions by 20 percent

- **Carbon dioxide emissions lowered from 2.2 million to 1.7 million tons**
- **Siemens expects savings of €20 million a year**
- **Siemens solutions have enabled customers to reduce their carbon dioxide emissions by 521 million tons**

One year after the launch of its decarbonization program, Siemens is already making significant advances in reducing its carbon footprint. The company was able to cut its CO<sub>2</sub> emissions from 2.2 million tons in fiscal 2014 to 1.7 million tons in fiscal 2016. A major portion of the carbon dioxide savings – 200,000 tons – were achieved at locations in Germany. With the aid of Siemens solutions, the company's customers worldwide succeeded in reducing their CO<sub>2</sub> emissions by 521 million tons in fiscal 2016. This amount is equivalent to more than 60 percent of Germany's annual carbon dioxide emissions.

In September 2015, Siemens announced its intention to cut the carbon footprint of its operative business in half by 2020 and to be climate neutral by 2030. To achieve this decarbonization, Siemens is focusing on four different areas. First, its Energy Efficiency Program (EEP) is verifiably reducing energy consumption at the company's own buildings and manufacturing facilities. Second, increased use of distributed energy systems (DES) is optimizing energy costs at the company's locations and production plants. Third, Siemens is systematically employing low-emission vehicles and e-mobility concepts in its worldwide car fleet. Fourth, the company is moving toward a clean energy mix by increasingly acquiring its electricity from sources that emit little or no CO<sub>2</sub> – such as wind power and hydroelectric power.

“Decarbonization is absolutely essential in order to halt climate change and its dramatic consequences,” said Roland Busch, the member of Siemens' Managing

Board who is responsible for sustainability. “The Paris Agreement on climate change has gone into effect, and the commitments now have to be fulfilled by taking concrete action. The global economy must consistently drive this process and demonstrably reduce CO<sub>2</sub> emissions in all sectors,” continued Busch.

Investments in environmentally friendly technologies pay off because they are usually amortized within a few years. Siemens, for instance, expects that an investment of €100 million in improving the energy efficiency of its own buildings and production facilities will lower energy costs by about €20 million a year beginning in 2020.

Siemens’ biggest contribution to climate protection is its Environmental Portfolio, which bundles the company’s technologies in the areas of renewable energies and energy efficiency. In fiscal 2016, the Environmental Portfolio generated revenue of €36 billion, or 46 percent of Siemens’ total revenue.

Further information and international case studies for all four levers of Siemens’ decarbonization program can be found here:

[www.siemens.com/press/co2-neutral](http://www.siemens.com/press/co2-neutral)

A broad variety of resources on the topic of sustainability at Siemens are available here: [www.siemens.com/sustainability](http://www.siemens.com/sustainability)

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income of €5.6 billion. At the end of September 2016, the company had around 351,000 employees worldwide. Further information is available on the Internet at [www.siemens.com](http://www.siemens.com).