

# WACKER'S POSITION ON "CLIMATE PROTECTION AND CO<sub>2</sub> MANAGEMENT"

**Greenhouse gases, climate change and climate protection – one term plays a key role in all of these topics: carbon dioxide, or CO<sub>2</sub>. It is generated during the combustion of carbon-containing substances, including all fossil fuels. Our answer: energy efficiency and switching to renewable energy systems.**

## The 2 °C Goal

WACKER supports the agreement of the 2015 UN Climate Conference in Paris as an important step in limiting climate change.

## WACKER as a Corporate Citizen

We want to significantly contribute to climate protection and leave a world that's worth living in for future generations. We value the efforts and ideas of young people who are making themselves heard through such initiatives as the Fridays for Future movement. As a scientific-technical company, we support the views of Scientists for Future: **climate protection is an essential component of our sustainability strategy.**

## Our Products for Climate Protection

Many of our products help save energy or harness renewable energy. One example is our hyperpure polysilicon for photovoltaic modules with which we are contributing to the success of the energy transition. Our edge: **WACKER's polysilicon has the lowest specific CO<sub>2</sub> emissions in production and is particularly**

**efficient compared to conventional power generation based on fossil energy sources.**

## We are Focused on Energy Efficiency

With our highly integrated production systems, especially at our largest sites in Burghausen and Nünchritz, we are constantly streamlining our processes as regards maximum material usage and energy efficiency.

## Carbon Footprint as a Key Management Tool

We use the Group's carbon footprint to monitor the effectiveness of climate protection measures. As well as direct emissions (Scope 1), we track indirect greenhouse gas emissions from procured energy (Scope 2), and all emissions produced along the supply chain (Scope 3). We have been reporting this data to the CDP since 2007.

## Clear Targets Are Setting the Course

We want to continue to better ourselves:

- Reduction of specific energy demand per metric ton of product by 50% by 2030 (base year: 2007, global)
- Reduction of specific CO<sub>2</sub> emissions by a third by 2030 (base year: 2012, global)

## Avoiding High Energy Costs

With our power plants at Burghausen and Nünchritz, we produce energy (electricity and steam) ourselves, making us less dependent on external electricity prices.

Competitive energy costs are essential for sustainable production in Germany. National tools for pricing energy or CO<sub>2</sub> emissions must not lead to further distortion of competitive conditions, which is why we are in favor of a continuation of certificate trading (ETS) and internationally agreed tools.

## We Are All Involved

We can only meet the worldwide challenge of climate change in close cooperation with suppliers, customers, associations and politicians, ideally on a global level. We are all involved – from product development to production and shipping. And, not least, as consumers.

### Support Tools and Links

- [Energy consumption](#)
- [CO<sub>2</sub> emissions](#)
- [WBCSD](#)
- [Goals](#)
- [CDP](#)
- [Product portfolio assessment](#)

