

The background of the image shows a construction site for a residential development. Several tall, grey concrete apartment buildings are under construction, with multiple yellow tower cranes positioned around them. The sky is a clear, bright blue. In the foreground, there are out-of-focus green plants and a street lamp, suggesting an urban environment.

WHAT IS CARBON NEUTRAL ELEVATOR?

CARBON NEUTRAL ELEVATOR EXPLAINED

Now more than ever, it's vital that we work together to reduce emissions and focus on creating sustainable cities where future generations can live and thrive. To reduce the climate impact of KONE DX Class elevators, we now offer you the option to purchase them as carbon neutral whether you're developing a new building or replacing the elevator equipment in an existing one.

We compensate the embodied carbon emissions until the handover of the elevator. The option is available for selected elevator platforms.

How do we reach carbon neutrality?

At KONE, we are following a three-step approach to reach carbon neutrality:

1. We measure our own carbon emissions and clearly communicate the carbon footprint of the elevator we manufacture in our third-party verified Environmental Product Declarations (EPDs).
2. We have defined clear, ongoing emission reduction actions to actively reduce our carbon emissions in line with our set science-based targets, environmental guidelines, and overall emission-reduction targets.
3. We compensate the remainder of the emissions – including carbon emissions from materials, manufacturing, logistics, and installation – until the elevator is handed over to the customer.



Examples of our embodied carbon emission reduction activities

Materials

- Setting emission reduction targets for R&D in product design
- Working with suppliers to reduce the carbon footprint of our products

Manufacturing

- Moving towards 100% renewable electricity by 2024 in all supply units
- Decreasing overall energy use and exploring low-emission heating and fuels

Logistics

- Optimizing routes and loading
- Optimizing and reusing packaging, and using recycled packaging

Installation

- Following guidelines for waste and chemical management, recycling, and overall environmental management on site



In line with
KONE's science-based targets

According to KONE's Environmental Guidelines and
overall emission reduction targets



How does carbon compensation work?

While actively working on reducing carbon emissions, we have decided to compensate for carbon emissions that cannot be avoided. We are doing this by working together with [South Pole](#), a market leader in climate action. We have chosen to support a number of their [GoldStandard®](#) certified carbon offsetting projects around the world. GoldStandard is a recognized certification body that verifies that the projects qualify for carbon credits and keeps a public register of them.

These projects help to reduce or avoid carbon emissions through responsible forestry, renewable energy, and community-based emission reduction initiatives. More information about the projects we support can be found [here](#).

Smart, connected elevators

KONE DX Class is the world's first digital elevator series that combines built-in connectivity and digital services and applications from KONE and our ecosystem partners. With easy access to these services, you can upgrade and adapt your elevators as your end users' needs change. Whether you want to improve people flow or accessibility – or add new API-based services – KONE DX Class elevators can take your business to the next level. And if you're looking to build greener, you can take advantage of healthy, low-emission interior materials, best-in-class energy efficiency, and full disclosure about the environmental impact of our solutions.



CARBON-NEUTRAL MAINTENANCE

Maintenance is essential to keep elevators performing reliably and safely and to help your equipment enjoy a long life. To complement our carbon-neutral elevator option, we also offer carbon-neutral maintenance services.

KONE Care™ DX is a maintenance service that includes compensation for the carbon emissions caused by our direct and indirect maintenance activities.

The service offering in terms of carbon compensated maintenance service may vary from country to country

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