

Smart use of materials and circularity

At KONE, our contribution to a circular economy starts with our focus on reducing the materials, energy, and other resources used in our solutions and operations.

By providing customers with reliable and energy-efficient equipment that has a lifetime of over 25 years, KONE plays an important role in keeping resources in valuable use for as long as possible.

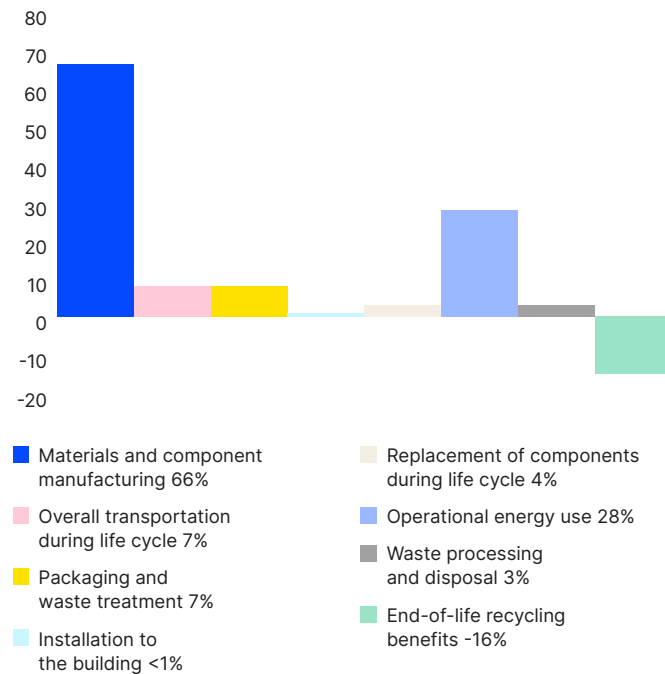
We optimize material use, for example, through robotics and automation, product design, recycling waste wherever possible, and reusing packaging materials. Up to 90% of the materials in our solutions can be recovered. We also work closely with our suppliers to increase the recycled content in our metals without compromising the safety or quality of the equipment.

We strive to reuse and recycle in both our operations and our delivery chain. KONE's modernization solutions, on the other hand, contribute to the renovation and repurposing of buildings, saving valuable natural resources. Our products are fit for disassembly, reuse, and recycling, and we prioritize the smart use of resources and the recycling of materials.

After the lifetime energy use of our long-lasting products, materials emerge as the second largest contributor to the environmental impact of our products. The current share of recycled content in our products is relatively low. We are collaborating with our suppliers to increase the recycled content in the materials used for our products. We actively look for new partners and ways of working to find alternative materials with lower embodied carbon emissions and to develop processes to reuse and recycle materials more effectively.

In 2023, we continued to harmonize KONE's elevator and escalator product offering, reducing the need for

Life cycle carbon footprint of KONE MonoSpace® 700 DX elevator is approximately 24 tCO₂e



The carbon footprint results are dependent on product installation location. The results of this KONE Mono700® DX represent a European installation. For example, in Asian countries, operational energy use emissions tend to be higher.

Material content of KONE MonoSpace® 700 DX elevator

