

Why is having an EPD a great USP?

An increasing number of green building projects require their suppliers to provide Environmental Product Declarations (EPD) for their products. In some countries, EPDs have even become a legal requirement for certain building projects. For that reason, having an EPD can qualify us to become the selected lift supplier.

- Our EPD is valid for the **Cibes A5000** and **Kalea A4 Primo** lift models, manufactured in Sweden, for 5 years.
- At the EPD launch (March 29th, 2022) we are the **ONLY** manufacturer of low-speed lifts able to provide an EPD.
- Right now the EPD is a unique selling point for us, so make the most of it while you can! Soon some of our competitors may have EPDs for their products too.

Our EPD follows the international standard for products in the building sector. The EPD is requested by many of our potential customers and ambassadors, like builders and architects working with sustainable buildings, early on in the project.

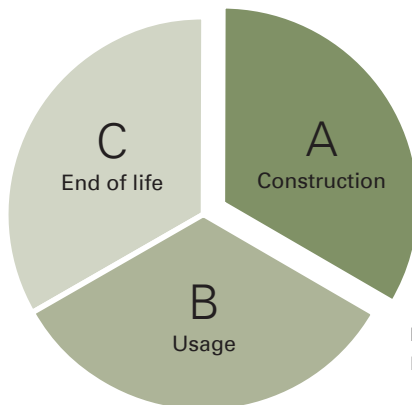


Figure 1: The phases of a construction project, where EPDs are demanded at the construction stage.

What is an EPD and an LCA?

The EPD is a document that signals our commitment to measuring and declaring the environmental impact of our products in a very transparent way.

Our EPD is based on internationally recognised, standardised methods, executed by an established Programme Operator (the International EPD System, IES) and verified by an approved independent verifier.

The International EPD System (IES) is founded on a set of rules and standards, such as the ISO 14001 standard and other EN standards. In addition, specific Product Category Rules (PCR) are formulated for different product categories, such as lifts. This means that the data presented in our EPD is objectively comparable with the data in the EPDs of other lift manufacturers.



An EPD is built on a Life Cycle Assessment (LCA) of the environmental impacts of a product, in our case the Cibes A5000/Kalea A4 Primo.

The purpose of the LCA is to:

- To analyse and report our environmental performance
- Identify focus areas for future environmental improvement
- Guide environmental management and strategy

A product life cycle is usually divided into different phases representing materials, manufacturing, transportation, usage, and end of life. The impact of the different materials used in the manufacturing phase, transport and use of the Cibes A5000/Kalea A4 Primo is presented in this pie chart:

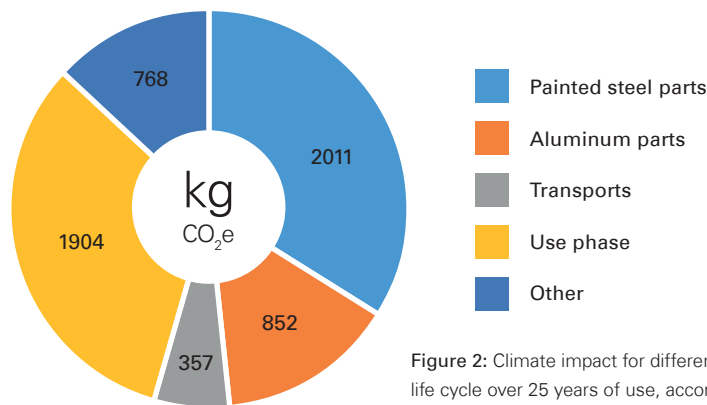


Figure 2: Climate impact for different parts of the lift's life cycle over 25 years of use, according to IPCC 2021.

What are the main results of our EPD?

The most relevant result to communicate is the impact on climate change of our lifts for the entire product lifecycle (25 years).

- The climate impact of Cibes A5000 and Kalea A4 Primo is 5886 kg CO₂ equivalent during a lifetime of 25 years.
- This can be compared to the climate impact of driving a petrol-powered car for 60.000 km, or a green car for 100.000 km.

However, if the customer only uses renewable energy to run the lift, the total climate impact over 25 years can be reduced by 31% to 4059 kg CO₂ equivalent.

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Cibes A5000



Kalea A4 Primo