

Climate Declaration

Functional unit: One chair

Leva Chair

Description of the Organisation

Foster + Partners is a global studio for sustainable architecture, engineering, urbanism and industrial design, founded by Norman Foster in 1967.

The practice’s integrated approach to design is underpinned by sustainability and a desire to help regenerate the natural world. To see Foster + Partners’ Sustainability Manifesto [click here](#)*

is designed to reduce the amount of waste generated during its manufacture. Any timber discarded during the machining process is used to fuel the heating system at the factory, supplementing the photovoltaic panels on the factory roof.

The Leva Chair has won several awards for its ecologically sensitive design.

Product Description

Leva is the first timber chair designed by Foster + Partners. Manufactured by Mattiazzi, it combines craftsmanship with sophisticated machinery to create a comfortable and ergonomically designed chair. The sparing use of material is rooted in the idea of sustainability – to do more with less. Made of ash sustainably sourced from Eastern Europe, the chair

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The information below shows the total global warming potential (GWP) in kilograms of carbon dioxide equivalent (kgCO₂eq) per unit chair including stored carbon. It is based on the third-party verified results from a lifecycle assessment (LCA) for an Environmental Product Declaration (EPD) following the ISO 14025 standard requirements. Click [here](#)** to see the full EPD.

Total global warming potential (kgCO₂eq)



Un-Upholstered

Total	2.73
Upstream	-33.0
Core	34.8
Downstream	0.999



Upholstered in Wool
Kvadrat "Basel"

Total	10.7
Upstream	-18.1
Core	27.8
Downstream	0.984



Upholstered in Wool
Kvadrat "Steelcut Trio 3"

Total	10.2
Upstream	-18.6
Core	27.8
Downstream	0.983



Upholstered in Leather
Sorensen "Shade"

Total	17.8
Upstream	-11.1
Core	27.8
Downstream	1.03



Upholstered in Leather
Sorensen "Pure"

Total	15.6
Upstream	-13.3
Core	27.8
Downstream	1.02

This single-issue EPD only addresses one environmental impact category and does not assess other potential social, economic, and environmental impacts arising from the provision of this product. These aspects may be of equal or greater importance than the single impact category displayed. For the full report, please see the Environmental Product Declaration document.

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Note: all figures are rounded to three significant figures.
 * <https://www.fosterandpartners.com/media/2639219/sustainability-manifesto-2019.pdf>
 **Full EPD: <https://www.environdec.com/library/epd2272>