



CO₂-FOOTPRINT

Composite blocks

THE PALLET BLOCK - A LITTLE GENIUS

EUROBLOCK stands for the careful use of natural resources. The utilization of residual materials from wood processing and the use of recycled wood, supplement the existing production cycles with highly efficient recycling cycles.

All of the logs used in our sawmills comes from sustainably managed forests. In line with the principle of cascading use, no additional trees are felled for the production of composite blocks ; instead, sawmill by-products are used as efficiently as possible. This ensures that the renewable raw material wood is preserved and usable for future generations.

What makes our block so special



Composite blocks from EUROBLOCK are a „no-solid-wood“ product with numerous advantages over solid wood or solid wood or plastic pallet blocks.

- Standardized quality thanks to state-of-the-art industrial production
- Low susceptibility to repair, longer service life of the pallet
- High resistance to moisture and dimensional stability
- Energy saving due to „no-solid-wood“ material, i.e. no additional ISPM 15 treatment required
- After use, the product can be recycled with the pallet (waste wood category A1)
- Manufactured in various dimensions to meet the diverse requirements of the transportation and packaging industry

FACTS AND FIGURES ABOUT THE PFEIFER GROUP



Our products are certified with the leading certificates - PEFC, FSC, CE certificates, ETA, IPPC, ENPlus, DIN CERTCO, etc. - thereby ensuring high quality and environmental standards.



100 % of our production takes place in European countries with the highest occupational safety standards and short delivery times.

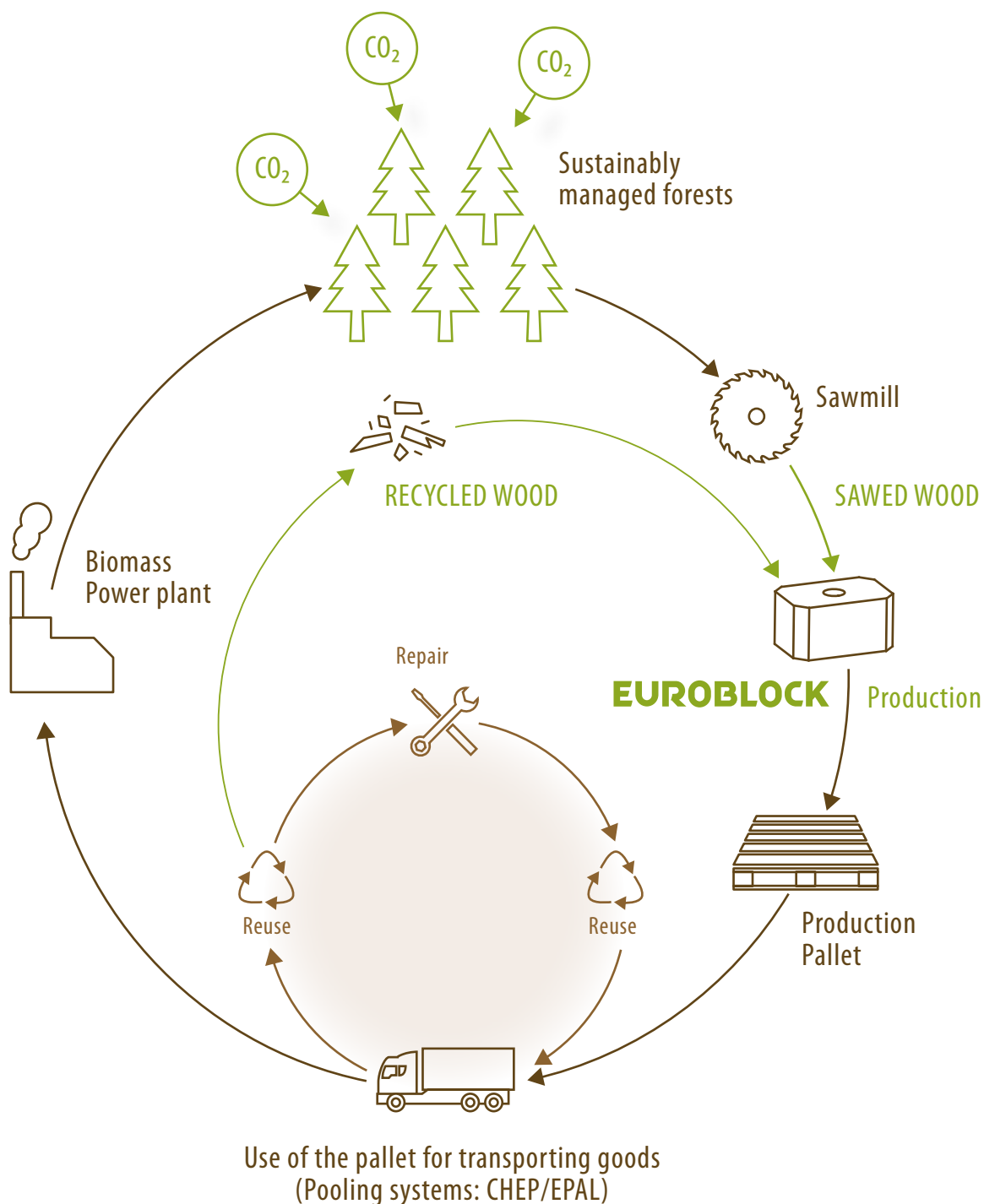


At our locations, we produce around 300,000 MWh of green electricity and around 900,000 MWh of heat from biomass. This sustainable and CO₂-neutral energy is used entirely for our block production.

THE DECISIVE CO₂ ADVANTAGE



When using 1,000 Euro pallets, you improve your carbon footprint by 27.5 tons*.



* The calculation is based on the average amount of wood required for the production of a Euro pallet.

THIS IS HOW SUSTAINABILITY WORKS

The use of sawmill residue and recycled wood for the production of more than 1 billion Euroblock pallet blocks per year, approximately 2.5 million cubic meters of wood - more than 3 million trees.



45 EPAL pallets with composite blocks = the saving of of valuable raw material in the amount of 1 conifer tree

OUR RESPONSIBILITY



THE CLIMATE-FRIENDLY PALLET BLOCK

Bound carbon in EPAL pallets per functional unit

CATEGORY	kg CO ₂ e/m ³
EPAL pallet	771 kg CO ₂ e/m ³ = 210.27 kg carbon/m ³
Product packaging	24.98 kg CO ₂ e/m ³ = 6.81 kg carbon/m ³

CO₂ emissions per m³ of block

CATEGORY	kg CO ₂ e/m ³	
Additives (glue, hardener emulsion) incl. transportation	279,07	RAW MATERIALS & PRE-PROCESS
Chip incl. transportation	11,07	
Packaging incl. transportation	4,46	PRODUCTION
Energy excl. biogenic	78,07	
TOTAL	372,67	

Example: 9 EUROBLOCK composite blocks from an EPAL pallet emit 4.1 kg of CO₂, but 8.5 kg of CO₂ are bound in these blocks in the long term.



In an EPAL pallet with composite blocks almost 40 kg of CO₂ are bound in the long term*.



* 8.5 kg CO₂ blocks + approx. 30 kg CO₂ in wood

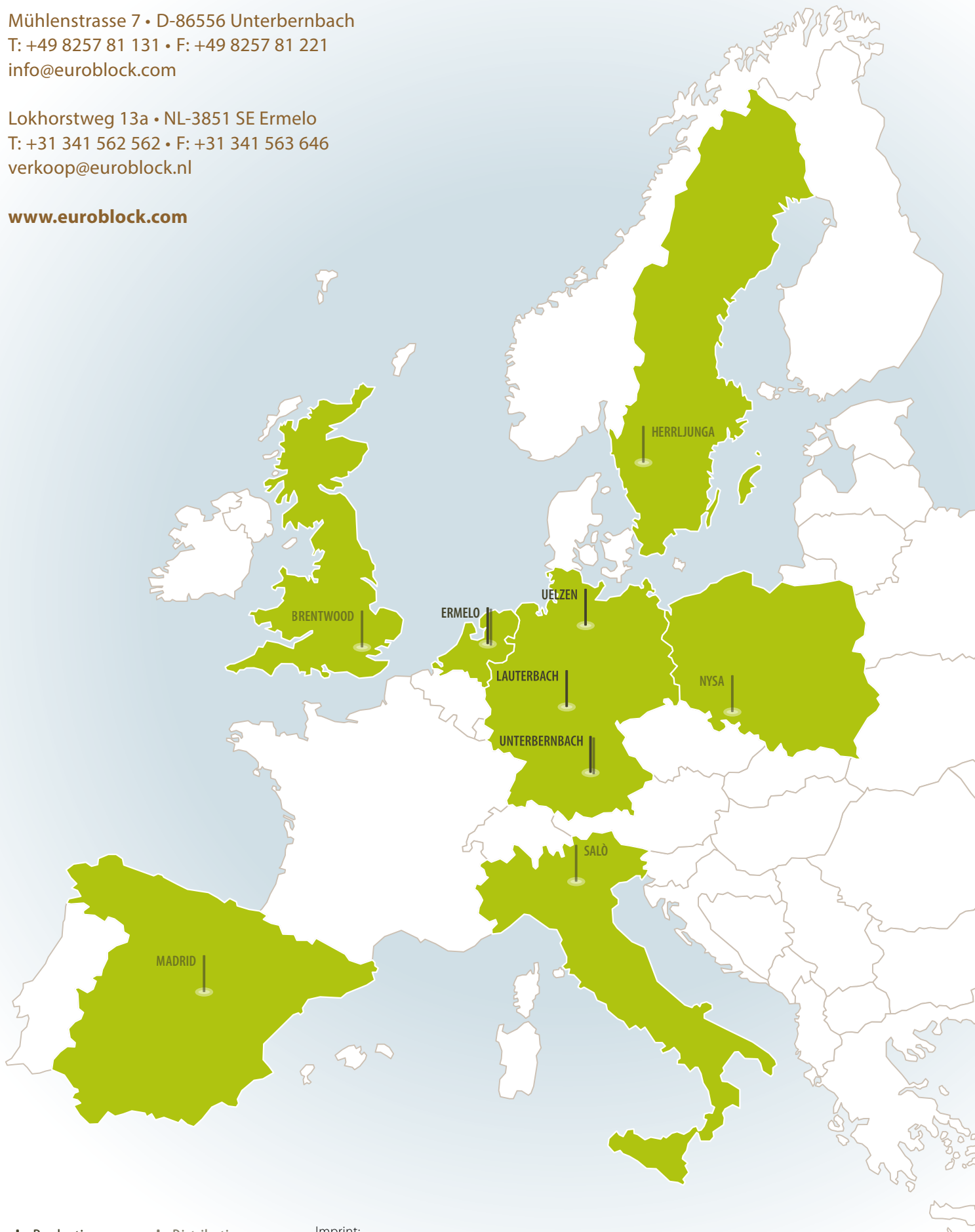
The data was calculated by Deloitte in accordance with recognized rules. If you are interested, we will be happy to disclose the calculation (calculation rules & system limits). We would like to point out that assumptions, models and parameters (activity data, emission factors, etc.) were also used in the calculation of the PCF. The calculated PCF is therefore inevitably subject to uncertainties, although the result can generally be considered reliable. The owner of the PCF is responsible for its content. The CO₂ values stated in this brochure were determined at the Pfeifer Group's production sites. Status: 11/2023

EUROBLOCK VERPACKUNGSHOLZ GMBH

Mühlenstrasse 7 • D-86556 Unterbernbach
T: +49 8257 81 131 • F: +49 8257 81 221
info@euroblock.com

Lokhorstweg 13a • NL-3851 SE Ermelo
T: +31 341 562 562 • F: +31 341 563 646
verkoop@euroblock.nl

www.euroblock.com



Production



Distribution

Imprint:

Publisher: Euroblock Verpackungsholz GmbH - Mühlenstraße 7 - D-86556 Unterbernbach
Contact: Leonhard Scherer