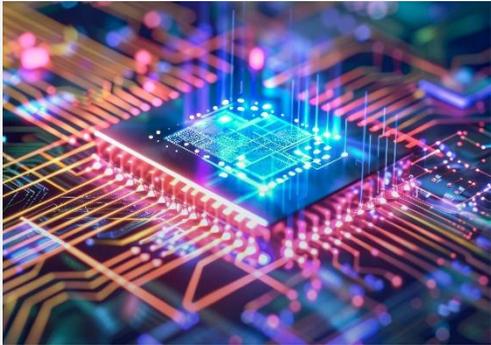


DELO Industrial Adhesives

# Economic Improvements and Sustainability Can Go Hand in Hand

Janis Holzapfel | 19/02/2026

# Overview DELO Industrial Adhesives



**Semiconductor packaging**



**Automotive**



**Optics & photonics**



**Consumer electronics**

## Hard Facts

- › Producing specialty adhesives for various industries
- › ~ 1,100 employees in total
- › Headquartered in southern Germany
- › Several subsidiaries in Asia and North America
- › Positioned as innovative application leader
- › About 400 different products

# Various Ongoing Sustainability Projects

Environmental management according to **ISO 14001 & EMAS**



**Corporate carbon footprint** as a basis

Determining the **product carbon footprint** of our adhesives

Use of **multi-use boxes** for shipping adhesives

**Debonding** of high-tech adhesives

**Integration into our processes**

New **energy-efficient buildings** and **PV systems**

Development of **bio-based adhesives**

Development of **energy-efficient bonding** and process solutions

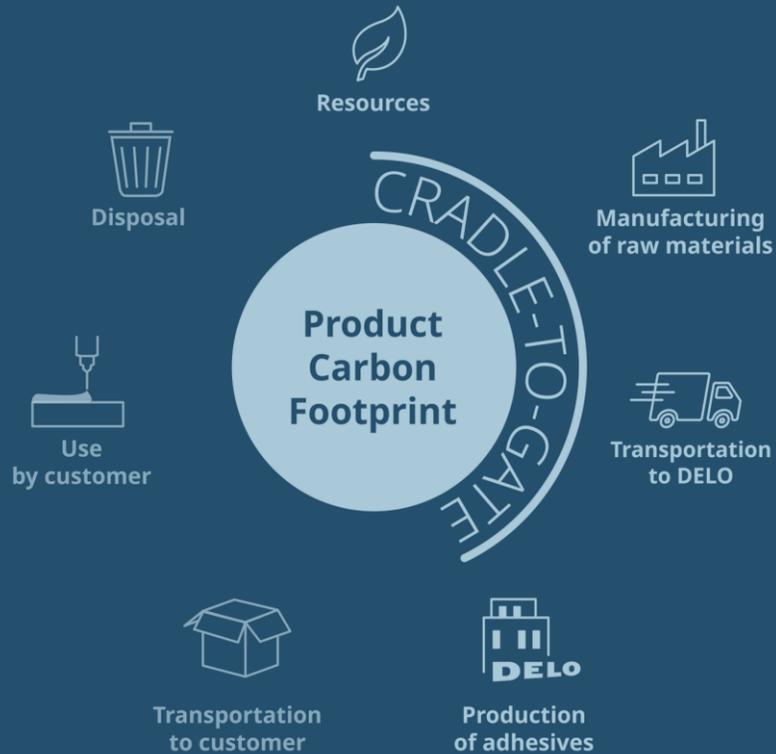
Yearly sustainability report & participation in **sustainability ratings**



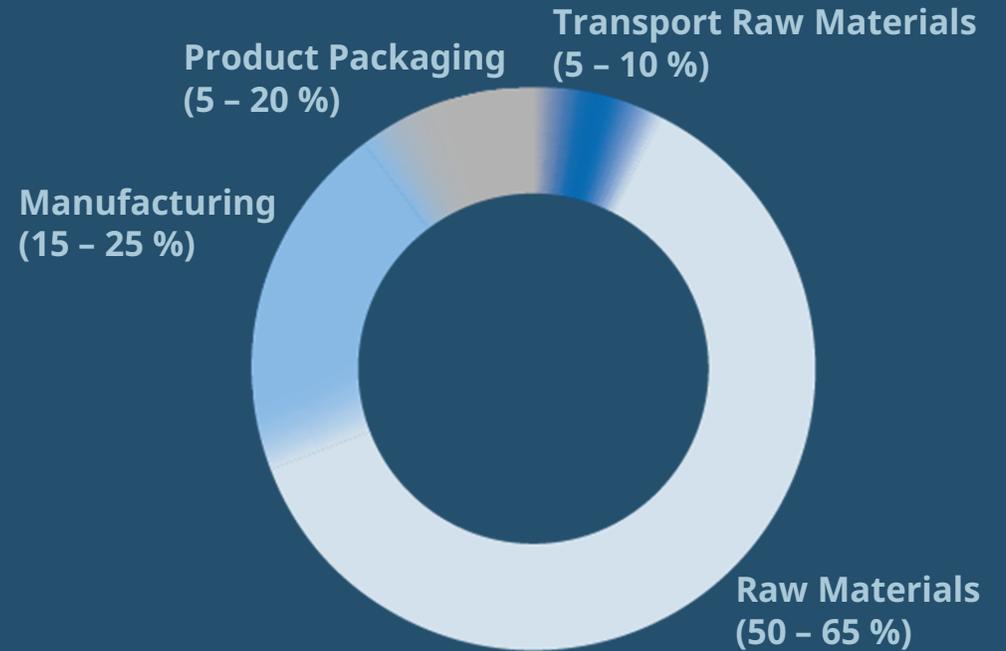
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# An Adhesive's Product Carbon Footprint

## Cradle-to-gate limitations



## Approximate emission distribution



→ The PCF of an adhesive is usually 3 - 15 kg CO<sub>2</sub>-equivalents per kg

# Another Aspect: The Origin of Raw Materials

- › Traditionally many raw materials are based on fossil fuel in chemistry
- › Sometimes renewable sources are also possible
- › Oil processed from cashew nut shells already in use
- › Adhesive formulations with up to 70 % bio-based material
- › Preserving the earth's resources
- › Often better performance concerning PCF as the plant takes up CO<sub>2</sub> from the environment



# Creating Real Business Value

**Added value emerges through the combination of different aspects.**

Light-curing offers several advantages compared to traditional heat-curing.

DELO-ACTIVIS systems open up opportunities for light-curing even in shadow zones.

98 %

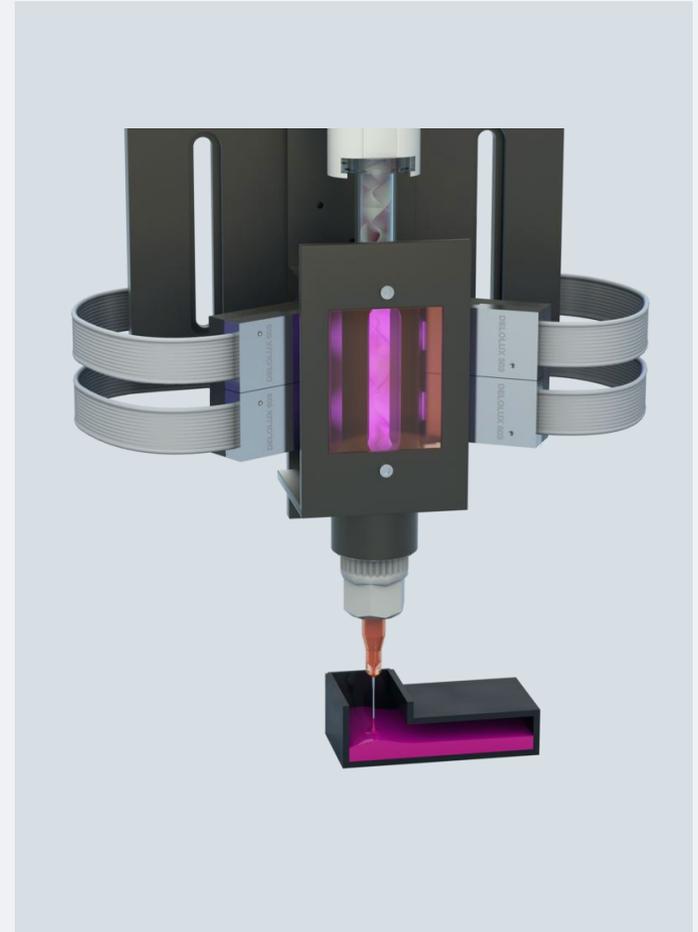
Less energy for the curing process\*

Time-consuming heat curing production step replaced

80 %

Less CO<sub>2</sub> emitted for the entire process\*

Less impact on joining components



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\*based on a specific customer process analysis. Results may vary depending on production process.

We appreciate your interest

# Thank you

for your attention and your trust



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