



# ANNUAL REPORT 2025

SCIENCE BASED TARGETS  
INITIATIVE (SBTI)



03.06.2026



## 1. Company Profile

A&D Verpackungsmaschinenbau GmbH is a medium-sized company based in Germany, specializing in the development and manufacturing of packaging machines. The company consistently aligns its climate strategy with the requirements of the Science Based Targets initiative (SBTi), contributing to limiting global warming.

## 2. Purpose of the report

This report documents greenhouse gas emissions for the year 2025 and shows how they have changed compared with the base year of 2024. It serves to ensure transparent communication with external stakeholders and to facilitate the internal management of climate protection measures.

## 3. Methodological framework

Emissions are reported in accordance with the guidelines of the Greenhouse Gas (GHG) Protocol and the Science Based Targets initiative (SBTi) criteria for small and medium-sized enterprises (SMEs). All emissions are reported in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e).

## 4. System restrictions

Emissions are recorded in accordance with the operational control approach. All emissions arising from the company's operations within its operational control are taken into account. The current focus is on Scope 1 (direct emissions) and Scope 2 (indirect emissions from energy consumption).

## 5. Base year and climate target

The base year for emissions assessment is 2024. The company has committed to reducing its Scope 1 and Scope 2 emissions by 63% by 2035. This target has been validated by the SBTi as being consistent with the 1.5°C pathway.

## 6. Greenhouse gas emissions 2025

The following table shows the trend in emissions, distinguishing between Scope 2 (location-based) and Scope 2 (market-based).

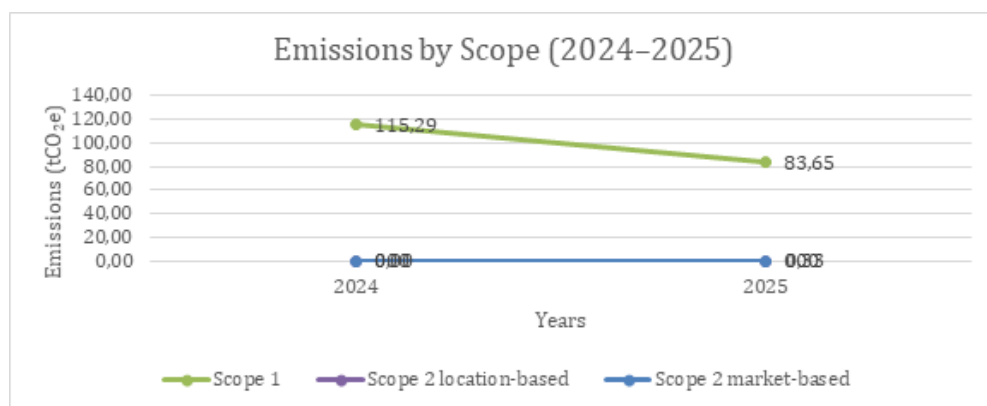
Indicator	2024	2025
Scope 1	115,29 tCO <sub>2</sub> e	83,65 tCO <sub>2</sub> e
Scope 2 (market-based)	0,00 tCO <sub>2</sub> e	0,00 tCO <sub>2</sub> e
Scope 2 (location-based)	N/A	0,33 tCO <sub>2</sub> e
<b>total</b>	<b>115,29 tCO<sub>2</sub>e</b>	<b>83,98 tCO<sub>2</sub>e</b>

Scope 2 emissions are presented using both the location-based and market-based methods. The market-based method takes into account the procurement of electricity from renewable energy sources as well as contractual agreements for electricity supply. The location-based method, on the other hand, is based on average emission factors for the relevant electricity grid.

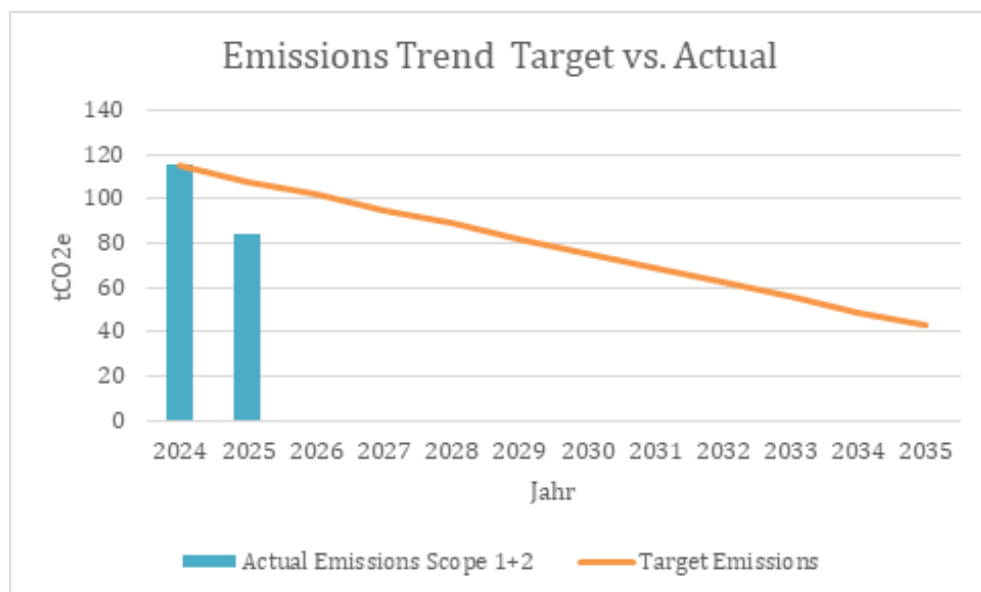
The electricity supply at the company's site comes 100% from renewable energy sources (hydropower). The figures from the location-based method show the energy used for charging company vehicles from external sources. The emission factor for Germany's electricity mix was used as the basis here. Location-based emissions were not recorded in the base year 2024, as no electric or hybrid vehicles were in use at that time.

## 7. Emissions development

Emissions trends are assessed against the base year of 2024. The aim is to achieve a continuous reduction in line with the defined target pathway.



The following chart shows the trend in total Scope 1 and Scope 2 emissions in relation to the stated emissions targets.



By 2025, total emissions had been significantly reduced by 27.16% compared with the base year of 2024. This represents a significant step forward in the ongoing effort to reduce greenhouse gas emissions.

## 8. Measures in 2025

During the reporting year, the first measures to reduce emissions were implemented, including:

- The purchase of the first hybrid company vehicles
- Improvements in operational energy efficiency
- A reduction in business travel and increased use of digital formats

These measures are contributing to a gradual reduction in greenhouse gas emissions.

## 9. Challenges

Data collection and analysis remain a challenge, particularly in view of the increasing demands on data quality and completeness.

## 10. Perspective

Plans for 2026 include further developing the data infrastructure and exploring the possibility of incorporating Scope 3 emissions to a greater extent. In addition, further reduction measures are to be implemented. These include, amongst other things:

- expanding the company fleet with fully electric vehicles
- planning and installing a solar panel system. This can help to support heating and thus reduce Scope 1 emissions. Optional extension of reporting to Scope 3

## 11. Conclusion

By updating our greenhouse gas inventory for 2025, we are steadfastly continuing on the path we have set out on to achieve our science-based climate targets. The significant reduction in our Scope 1 emissions underscores the effectiveness of the measures we have implemented. At the same time, the trend in Scope 2 emissions confirms our focus on an energy-efficient and increasingly sustainable energy supply.

We see this as an important step towards fulfilling our responsibility for climate protection and strengthening our long-term competitiveness.