# Greenhouse Gas Balance Sheet 2022





### Subgroup Welser Profile Austria GmbH (WPA) and Welser Profile Deutschland GmbH (WPD)

Our main energy sources are electricity, natural gas, heating oil and district heating from biomass. Manufacturing processes for our products are responsible for the largest share of energy consumption.

In 2022, our energy consumption (Scope 1 and 2) totaled 62,916 MWh. Total  $CO_2e$  emissions (market-based) amounted to 2,186 tonnes in the reporting year, meaning they were reduced by 87% compared to the reference year of 2019.<sup>1</sup>

This means we are well on our way to achieving our goal of  $\rm CO_2$ -neutral energy sources by 2026 at our sites in Austria and Germany.

If we were to purchase our energy in the same way as the average Austrian household, we would be responsible for 10,567 t  $CO_2e$ . As a result of all our efforts, we would reach net  $CO_2$  emissions of 736 t  $CO_2e$ .

| Greenhouse gas emissions in t CO <sub>2</sub> e  |            |
|--|------------|
| Scope 1: Direct greenhouse gas emissions<br>Scope 2: Indirect greenhouse gas emissions | 2.184<br>2 |
| Scope 1 und 2: Total greenhouse gas emissions <sup>2</sup>                             | 2.186      |

### **OVERVIEW T CO, EMISSIONS**

| $\mathrm{CO}_{\mathrm{2}}$ Emissions from the manufacturing locations | 2.186  |
|---|--------|
| Supported Carbon Offset Projects,<br>Wind Energy in Mexico            | -1.450 |
| Net CO <sub>2</sub> impact (Scope 1 und Scope 2)                      | 736    |



<sup>1</sup> The calculation is based on the generally recognized emission factors, such as those issued by the Austrian Federal Environment Agency (UBA).

<sup>2</sup> Local emissions for this energy consumption would be: 10,551 t CO2e (location-based). This what be the volume of our emissions if we used the average energy sources deployed in Austria.



#### **PROPORTION OF POLLUTERS IN GHG EMISSIONS IN %.**





#### WHAT WE HAVE ACHIEVED SINCE 2019:

- > Exclusive use of certified green electricity since 2020
- > Installation of a 3 MWp PV system at our location in Austria
- > Use of low-temperature district heating

#### WHAT WE WANT TO ACHIEVE:

- > Replacement of still extant heating oil and gas boilers with alternative energy sources
- > Expansion of PV installation to 3.7 MWp before 2023
- > Further reduction of specific energy consumption through various energy-efficiency projects
- > Continuous optimization of the production facilities with regard to energy consumption

Greenhouse gas emissions are mainly caused by the provision of heat by heating oil or gas boilers and, to a small extent, by fuel consumption. To a small degree, refilling or disposing of refrigeration systems and district heating consumption (100% biomass) also release greenhouse gases.



## Greenhouse gases Scope 1 and 2 by polluter in t $\rm CO_2e$

| Heat consumption <sup>3</sup> | 1.728 |
|-------------------------------|-------|
| Fuel consumption              | 456   |
| Refrigerant <sup>4</sup>      | 2     |
| Electricity consumption       | 0     |
| Total                         | 2.186 |