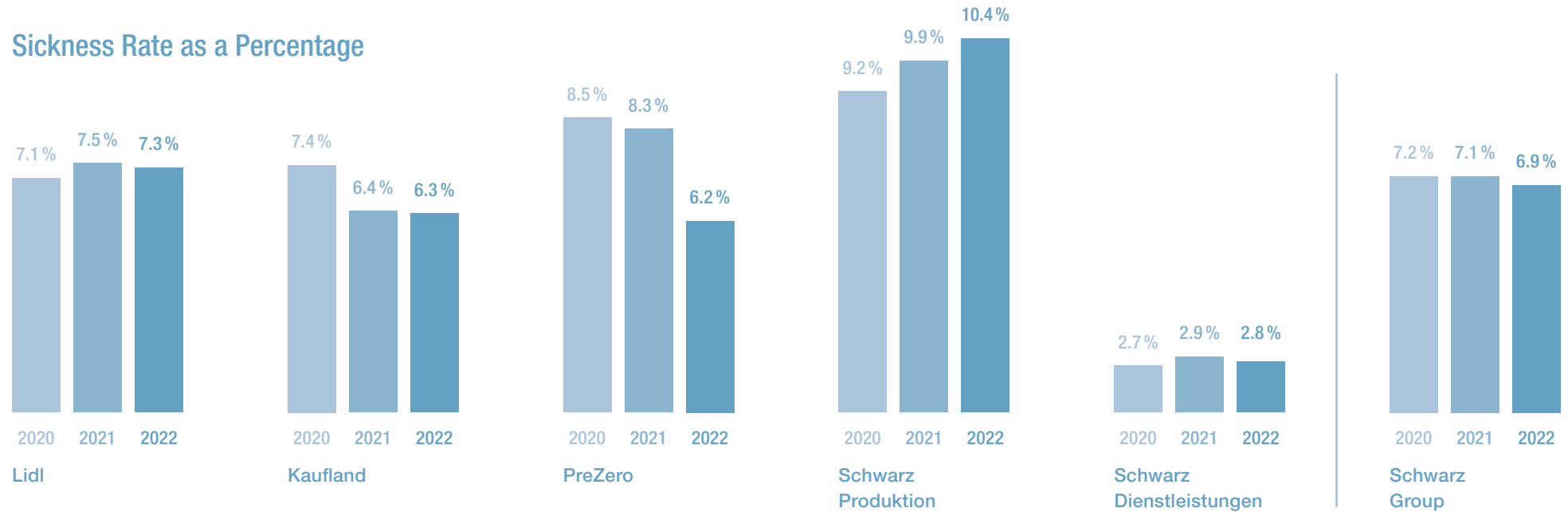


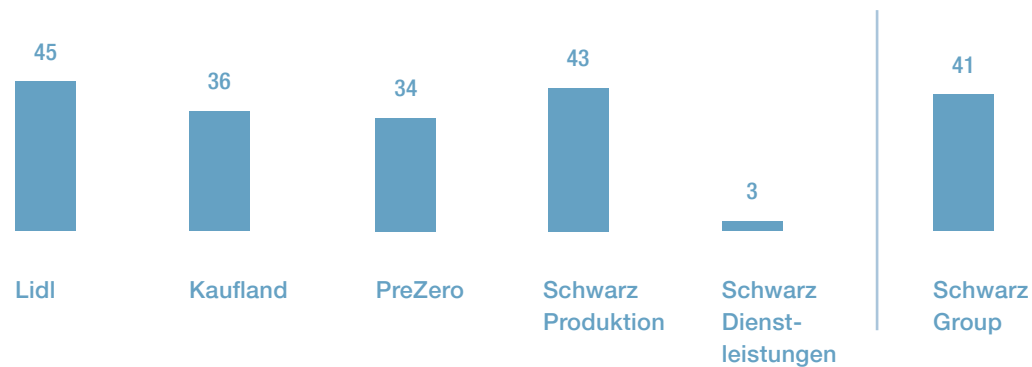
Key Performance Indicators

Sickness Rate as a Percentage



Number of Occupational Accidents¹

Occupational accidents per 1,000 FTE in the 2022 FY



1 | The definition for collecting this data has been significantly revised from that which was used for the number of occupational accidents published in the Sustainability Report for FY 20/21.

Total Workforce

| | FY | Lidl | Kaufland | PreZero | Schwarz Produktion | Schwarz Dienstleistungen | Schwarz Group |
|---|-------------|----------------|----------------|---------------|--------------------|--------------------------|----------------|
| Total number¹ of employees | 2020 | 341,419 | 136,445 | 4,198 | 3,477 | 5,684 | 491,223 |
| | 2021 | 372,255 | 143,706 | 11,845 | 3,831 | 6,609 | 538,246 |
| | 2022 | 386,563 | 149,677 | 27,125 | 4,097 | 8,246 | 575,708 |
| of which full time employees | 2020 | 124,427 | 62,391 | 3,834 | 3,268 | 4,823 | 198,743 |
| | 2021 | 149,853 | 66,355 | 10,691 | 3,353 | 5,763 | 236,015 |
| | 2022 | 164,996 | 71,060 | 22,266 | 3,548 | 7,201 | 269,071 |
| of which part-time ² | 2020 | 216,992 | 74,054 | 364 | 209 | 861 | 292,480 |
| | 2021 | 222,402 | 77,351 | 1,154 | 478 | 846 | 302,231 |
| | 2022 | 221,567 | 78,617 | 4,859 | 549 | 1,045 | 306,637 |
| Number of trainees according to annual financial statement | 2020 | 4,152 | 1,399 | 78 | 86 | 121 | 5,836 |
| | 2021 | 5,815 | 1,712 | 198 | 89 | 141 | 7,955 |
| | 2022 | 7,220 | 1,689 | 192 | 92 | 135 | 9,328 |

1 | The number of employees listed here shows the internal control figure, which is based on different definition of employee to that used in the annual financial statement. While the annual financial statement states the number of employees including those on long-term sick leave and maternity leave as end-of-quarter averages for the fiscal year, the internal reporting date is the end of the fiscal year. Employees on maternity leave and long-term sick leave (exception: Lidl) are not included in internal reporting.

2 | Employees with average working hours of less than 100 percent of full-time hours are classed as part-time. Unless there is national regulation on the issue, part-time is considered to be fewer than 163 hours/month.

Collective Bargaining Agreements

Proportion of employees to whom collective agreements apply ¹



1 | The percentage of both tariff and non-tariff employees covered by a collective bargaining agreement is recorded.

Employees by Employment Relationship¹

| | 2020 | | | | 2021 | | | | 2022 | | | |
|------------------------------|---------|----------------------|--------|-----------------------|---------|----------------------|--------|-----------------------|----------------|----------------------|---------------|-----------------------|
| | Number | Permanent Proportion | Number | Fixed-term Proportion | Number | Permanent Proportion | Number | Fixed-term Proportion | Number | Permanent Proportion | Number | Fixed-term Proportion |
| Total | 442,273 | 90.0 % | 48,950 | 10.0 % | 490,245 | 91.1 % | 47,675 | 8.9 % | 523,543 | 90.9 % | 52,165 | 9.1 % |
| By gender | | | | | | | | | | | | |
| Female | 290,937 | 65.8 % | 28,427 | 58.1 % | 326,294 | 66.6 % | 27,598 | 57.9 % | 338,040 | 64.6 % | 29,315 | 56.2 % |
| Male | 151,336 | 34.2 % | 20,523 | 41.9 % | 163,951 | 33.4 % | 20,077 | 42.1 % | 185,503 | 35.4 % | 22,850 | 43.8 % |
| By region² | | | | | | | | | | | | |
| Germany | 162,703 | 36.8 % | 11,323 | 23.1 % | 177,462 | 36.2 % | 12,424 | 26.1 % | 185,371 | 35.4 % | 12,298 | 23.6 % |
| International | 279,570 | 63.2 % | 37,627 | 76.9 % | 312,783 | 63.8 % | 35,251 | 73.9 % | 338,172 | 64.6 % | 39,867 | 76.4 % |

1 | The number of employees listed here shows the internal control figure, which is based on different definition of employee to that used in the annual financial statement. While the annual financial statement states the number of employees including those on long-term sick leave and maternity leave as end-of-quarter averages for the fiscal year, the internal reporting date is the end of the fiscal year. Employees on maternity leave and long-term sick leave (exception: Lidl) are not included in internal reporting.

2 | For 2020, for data collection reasons, all PreZero employees were assigned to the Germany region even if individual PreZero business units are located outside of Germany. For FY 2021 and 2022, only PreZero DE is assigned to "Germany"; the rest are assigned to the "International" category. "Germany" region: Lidl in Germany, Kaufland in Germany, PreZero Germany, Schwarz Produktion and Schwarz Dienstleistungen incl. Zentrale Dienste. The online business is not restricted to a location and is therefore assigned to the "International" region.

New Hires

| | 2020 | | 2021 | | 2022 | |
|--|---------|------------|---------|------------|----------------|---------------|
| | Number | Proportion | Number | Proportion | Number | Proportion |
| Total new employees hired¹ | 131,930 | | 141,916 | | 165,157 | |
| By age | | | | | | |
| Age group < 30 years old | 89,098 | 67.5 % | 92,130 | 64.9 % | 101,922 | 61.7 % |
| Age group 30–50 years old | 38,033 | 28.8 % | 43,115 | 30.4 % | 53,522 | 32.4 % |
| Age group > 50 years old | 4,799 | 3.6 % | 6,671 | 4.7 % | 9,713 | 5.9 % |
| By gender | | | | | | |
| Female | 75,810 | 57.5 % | 81,811 | 57.6 % | 90,932 | 55.1 % |
| Male | 56,120 | 42.5 % | 60,105 | 42.4 % | 74,225 | 44.9 % |
| By region² | | | | | | |
| Germany | 40,643 | 30.8 % | 37,802 | 26.6 % | 44,179 | 26.7 % |
| International | 91,287 | 69.2 % | 104,114 | 73.4 % | 120,978 | 73.3 % |

1 | All new hires in Schwarz Group are included in the relevant FY, irrespective of whether the employees are hired on a fixed-term contract (start date).

2 | see Footnote 2 above

Employee Turnover

| | 2020 | | 2021 | | 2022 | |
|---|---------|-------------------|---------|-------------------|----------------|-------------------|
| | Number | Rate ² | Number | Rate ² | Number | Rate ² |
| Total number of employees who left the company¹ | 101,556 | 21.1 % | 134,403 | 25.9 % | 152,055 | 27.1 % |
| By gender | | | | | | |
| Female | 56,923 | 17.8 % | 76,228 | 22.3 % | 84,922 | 23.6 % |
| Male | 44,633 | 27.9 % | 58,175 | 32.8 % | 66,749 | 33.3 % |
| Diverse | 0 | 0.0 % | 0 | 0.0 % | 384 | 33.8 % |

1 | All employees who left companies of Schwarz Group in the respective FY are included, excluding temporary staff, interns, working students, and diploma students. Transfers from one company of Schwarz Group to another are recorded as departures from the company. Employees who transfer from one company of Schwarz Group to another in the context of a transfer of undertakings are not recorded as departures from the company. At Lidl, by way of derogation from the above, all employees with a fixed term of less than six months are not included; transfers within the Lidl division are also not included.

2 | Employee turnover is calculated as the ratio of employees who leave the company compared with the average number of employees.

Employee Diversity

According to employee categories in FY 2022^{1,2}

| | Employees without management role | | Management | | Senior Management | | Top Management | | Total | |
|---------------------------|-----------------------------------|---------------|---------------|--------------|-------------------|--------------|----------------|--------------|----------------|----------------|
| | Number | Proportion | Number | Proportion | Number | Proportion | Number | Proportion | Number | Proportion |
| Total workforce | 539,434 | 93.7 % | 35,180 | 6.1 % | 753 | 0.1 % | 341 | 0.1 % | 575,708 | 100.0 % |
| By age | | | | | | | | | | |
| Age group < 30 years old | 167,378 | 31.0 % | 3,884 | 11.0 % | 2 | 0.3 % | 2 | 0.6 % | 171,266 | 29.7 % |
| Age group 30–50 years old | 279,978 | 51.9 % | 27,148 | 77.2 % | 602 | 79.9 % | 265 | 77.7 % | 307,993 | 53.5 % |
| Age group > 50 years old | 92,078 | 17.1 % | 4,148 | 11.8 % | 149 | 19.8 % | 74 | 21.7 % | 96,449 | 16.8 % |
| By gender | | | | | | | | | | |
| Female | 352,242 | 65.3 % | 14,938 | 42.5 % | 120 | 15.9 % | 55 | 16.1 % | 367,355 | 63.8 % |
| Male | 187,192 | 34.7 % | 20,242 | 57.5 % | 633 | 84.1 % | 286 | 83.9 % | 208,353 | 36.2 % |

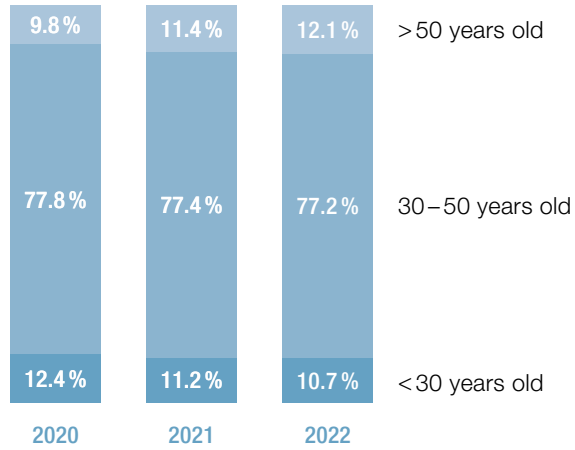
1 | To ensure controlling relevance, the employee definition used in internal management reports is used as the basis for the collection and reporting of all specified figures here rather than the definition provided in the annual financial statement. This includes full-time/part-time employees, employees in marginal employment, apprentices, dual students, trainees, employees on postings from abroad, employees on sabbatical and part-time retirees in their active phase temporary staff like e. g., working students, interns, diploma students, and temporary staff (provided that working hours have been undertaken during the reporting period).

2 | Employee categories are defined according to our joint understanding as follows: Top Management = Management Level I – II, Senior Management = Management Level III, Management = Managers from Management Level IV – VI excluding deputies / no specialist level, employees without management role = other employees.

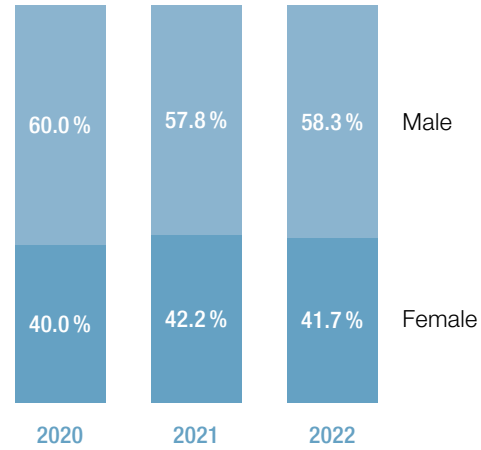
Diversity in Management Bodies

Proportion of persons by age group and gender ¹

By age



By gender



¹ | The Top Management, Senior Management, and management levels are classed as management bodies in accordance with the definition jointly coordinated by the companies of Schwarz Group.

Employee categories are broken down according to the joint definitions as follows: Top Management = Management Level I – II, Senior Management = Management Level III, Management = Managers from Management Level IV-VI excluding deputies / no specialist level. The figures represent the status as at the end of FY 2022.

Employer Awards Kaufland

Europe



Bulgaria



Croatia



Czech Republic



Germany



Moldova



Poland



Romania



Slovakia



Employer Awards Lidl

Europe



Belgium



Bulgaria



Cyprus



Czech Republic



Germany



Finland



France



Greece



Hungary



Ireland



Italy



Lithuania



Luxembourg



Malta



The Netherlands



Poland



Portugal



Romania



Serbia



Slovakia



Slovenia



Spain



Sweden



Switzerland










The United Kingdom



Key Performance Indicators

Number of Items with Sustainability Label^{1,2}

| | FY | Average | Lidl ³ Max. number per year | Average | Kaufland Max. number per year |
|---|-------------|------------|--|--------------|-------------------------------------|
| Organic | 2020 | 454 | 753 | 1,879 | 3,304 |
|  | 2021 | 425 | 682 | 2,464 | 4,301 |
| | 2022 | 403 | 663 | 2,424 | 4,258 |
| Fairtrade | 2020 | 286 | 476 | 156 | 236 |
|  | 2021 | 330 | 544 | 255 | 401 |
| | 2022 | 338 | 566 | 262 | 391 |
| Rainforest Alliance⁴ | 2020 | 101 | 532 | 104 | 160 |
|  | 2021 | 361 | 767 | 208 | 326 |
| | 2022 | 754 | 1,090 | 296 | 399 |
| UTZ⁴ | 2020 | 474 | 849 | 290 | 517 |
|  | 2021 | 380 | 1,014 | 281 | 484 |
| | 2022 | - | - | 202 | 356 |
| FSC⁵ | 2020 | 158 | 544 | 61 | 104 |
|  | 2021 | 177 | 600 | 85 | 132 |
| | 2022 | 254 | 1,531 | 175 | 286 |
| MSC | 2020 | 130 | 208 | 251 | 467 |
|  | 2021 | 138 | 235 | 264 | 475 |
| | 2022 | 135 | 225 | 252 | 447 |
| ASC | 2020 | 83 | 182 | 37 | 69 |
|  | 2021 | 91 | 206 | 52 | 94 |
| | 2022 | 90 | 188 | 61 | 112 |

1 | Number of all sales items, excluding promotional/seasonal items and non-food, which were designated for sale to in-store customers. At Kaufland, items are counted on the FY end cut-off date, at Lidl all private-label items are included that were available for sale to customers over the entire FY.

2 | In order to indicate an average number of items for the entire Lidl or Kaufland division, the figures of each country were weighted using the number of stores per country. In addition, for each label the figure of a country from each division is reported. This figure represents the highest number of items with this label in the respective division.

3 | For Lidl, private-label items from promotions are also included.

4 | The merger of UTZ and Rainforest Alliance (www.ra.org) means the UTZ certification program is being phased out. For this reason, the number of UTZ certified items shows a decline for 2021 and is at zero for 2022.

UTZ is now part of the Rainforest Alliance and will also bear its logo in future;

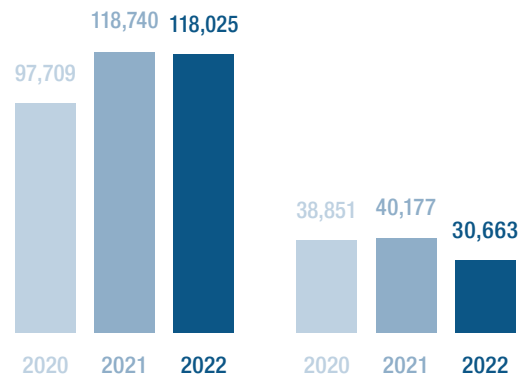
<https://www.rainforest-alliance.org/utz/>

5 | FSC licence number Lidl: FSC® N001585, FSC licence number Kaufland: FSC® N001539

Average Number of Certified Organic Items in the Assortment

| FY | Lidl | Kaufland |
|-------------|------------|--------------|
| 2020 | 454 | 1,879 |
| 2021 | 425 | 2,464 |
| 2022 | 403 | 2,424 |

Product Analyses in the Own-brand Assortment



Food assortment

Non-food assortment

Number of Recalled Own-brand Items¹

| | 2020 | 2021 | 2022 | delta 2021/22 |
|----------------------------------|------|------|------------|---------------|
| Total | 233 | 214 | 175 | -18% |
| Of which food² | 227 | 207 | 168 | -19% |
| Lidl | 221 | 193 | 156 | -19% |
| Kaufland | 6 | 14 | 12 | -14% |
| Of which non-food | 6 | 7 | 7 | 0% |
| Lidl | 5 | 5 | 1 | -80% |
| Kaufland | 1 | 2 | 6 | +200% |

1 | The number of different sales items recalled as part of public own-brand product/goods recalls is reported. Goods withdrawals are not considered. At Lidl, this includes all sales items (incl. fruit & vegetables and flowers & plants) for each country, which have been designated for sale to customers during the fiscal year. This concerns in-store trade excluding promotional articles. Each single article/each sorting is counted. At Kaufland, this includes all actively-listed articles (listed in at least one hypermarket) at the fiscal year end cut-off date. Excluded are: Differential markets, dummy purchasing groups, secondary business (and irrelevant product groups), special items/special stock/seasonal articles, displays, sales sets.

2 | For the food category, all foods are counted, as are items from the near-food area, e.g., cosmetics, laundry, cleaning and household products, flowers and plants.

Key Performance Indicators

Materials Used by Weight and Volume

| Consumables in tons ¹ | 2020 | 2021 | 2022 |
|--|------------|-----------|------------------|
| Total promotional materials | 534,586 | 537,310 | 475,185 |
| from fresh fibers ² | 222,317 | 243,182 | 216,424 |
| from recycled material ² | 312,270 | 294,128 | 258,761 |
| Total printing paper | 5,074 | 5,147 | 3,872 |
| from fresh fibers ² | 1,963 | 2,251 | 1,693 |
| from recycled material ² | 3,111 | 2,896 | 2,179 |
| Total bread bags | 15,730 | 16,970 | 23,703 |
| from fresh fibers ² | 15,408 | 16,970 | 23,341 |
| from recycled material ² | 321 | 0 | 363 |
| Waste bags | 7,911 | 8,470 | 9,227 |
| Plastic bags/produce bags | 6,203 | 5,279 | 6,146 |
| Stretch film (packaging material) | 13,129 | 13,057 | 14,118 |
| Reusable nets for fruits & vegetables sold (in units) | 10,105,147 | 6,777,414 | 4,255,822 |

1 | The calendar year was used.

2 | For consumables made from paper, we differentiate between fresh-fiber and recycled paper types. If the consumables are made from both fresh fibers and recycled paper, the larger proportion is key to assigning a paper type.

Recyclable Materials and Waste by Type and Recovery Process in Tons¹

| | FY | Reusing | Recycling | Fermenting | Composting | Thermal recovery with energy recovery | Combustion | Disposal | Miscellaneous ² | Total |
|-------------------------------------|-------------|---------------|------------------|----------------|---------------|---------------------------------------|---------------|----------------|----------------------------|------------------|
| Total weight | 2020 | 9,697 | 2,110,531 | 347,771 | 13,930 | 137,449 | 17,475 | 184,744 | 33,699 | 2,855,295 |
| Recyclable materials | 2021 | 68,561 | 2,117,581 | 379,641 | 14,070 | 155,373 | 15,871 | 193,100 | 35,867 | 2,980,065 |
| | 2022 | 82,407 | 2,120,891 | 407,524 | 10,600 | 166,829 | 18,936 | 164,267 | 47,305 | 3,018,758 |
| Of which non-hazardous waste | 2020 | 9,625 | 2,099,994 | 347,771 | 13,930 | 137,096 | 17,254 | 184,628 | 31,335 | 2,841,632 |
| | 2021 | 68,530 | 2,109,813 | 379,641 | 14,070 | 154,671 | 15,638 | 193,007 | 33,604 | 2,968,976 |
| | 2022 | 81,042 | 2,112,231 | 407,524 | 10,600 | 166,666 | 18,452 | 164,162 | 44,340 | 3,005,017 |
| Paper / cardboard / carton | 2020 | 31 | 1,645,729 | 0 | 0 | 1,904 | 405 | 0 | 35 | 1,648,103 |
| | 2021 | 30 | 1,696,695 | 0 | 0 | 1,229 | 797 | 0 | 14 | 1,698,766 |
| | 2022 | 29 | 1,693,020 | 0 | 0 | 962 | 30 | 0 | 907 | 1,694,948 |
| Organic waste | 2020 | 0 | 61,884 | 347,771 | 13,930 | 4,166 | 6,651 | 19,055 | 11,136 | 464,592 |
| | 2021 | 29,913 | 56,564 | 379,641 | 13,332 | 2,940 | 7,374 | 17,929 | 13,961 | 521,655 |
| | 2022 | 33,123 | 53,880 | 407,524 | 9,889 | 2,345 | 5,761 | 14,847 | 14,942 | 542,310 |
| Residual waste | 2020 | 0 | 0 | 0 | 0 | 119,696 | 9,159 | 161,342 | 19,778 | 309,976 |
| | 2021 | 0 | 0 | 0 | 0 | 128,457 | 7,049 | 168,766 | 19,294 | 323,567 |
| | 2022 | 0 | 0 | 0 | 0 | 143,817 | 12,488 | 146,866 | 26,494 | 329,666 |
| PET ³ | 2020 | 0 | 165,323 | 0 | 0 | 0 | 0 | 0 | 0 | 165,323 |
| | 2021 | 0 | 155,006 | 0 | 0 | 0 | 0 | 0 | 1 | 155,007 |
| | 2022 | 0 | 166,187 | 0 | 0 | 0 | 0 | 0 | 0 | 166,186 |
| Plastic | 2020 | 0 | 70,606 | 0 | 0 | 4,461 | 0 | 821 | 20 | 75,908 |
| | 2021 | 0 | 70,065 | 0 | 0 | 8,794 | 6 | 845 | 233 | 79,943 |
| | 2022 | 0 | 71,824 | 0 | 0 | 7,080 | 29 | 292 | 119 | 79,344 |

1 | This table only contains recyclables of the companies of Schwarz Group. Recyclables that PreZero collects from its customers and processes are not included.

2 | The category "Miscellaneous" is a compound category which also includes volumes that cannot be positively assigned to the abovementioned categories.

3 | The figures shown contain the recyclable PET materials of all companies of Schwarz Group.

4 | This includes for example, old paints/varnishes, household/industrial batteries, energy-saving bulbs, electrical waste, fluorescent tubes, (neon) toner, cleaning products, acids and lye, solvents, spray bottles.



| | FY | Reusing | Recycling | Fermenting | Composting | Thermal recovery with energy recovery | Combustion | Disposal | Miscellaneous ² | Total |
|---------------------------------------|-------------|---------------|---------------|------------|------------|---------------------------------------|------------|--------------|----------------------------|---------------|
| Wood | 2020 | 0 | 88,961 | 0 | 0 | 5,159 | 486 | 851 | 3 | 95,462 |
| | 2021 | 32,037 | 55,611 | 0 | 738 | 6,191 | 2 | 997 | 4 | 95,580 |
| | 2022 | 36,227 | 54,850 | 0 | 711 | 3,885 | 0 | 725 | 981 | 97,379 |
| Scrap | 2020 | 0 | 36,261 | 0 | 0 | 0 | 0 | 58 | 0 | 36,319 |
| | 2021 | 0 | 44,112 | 0 | 0 | 0 | 0 | 15 | 0 | 44,127 |
| | 2022 | 0 | 41,043 | 0 | 0 | 0 | 0 | 17 | 0 | 41,061 |
| Glass | 2020 | 0 | 23,782 | 0 | 0 | 0 | 0 | 0 | 0 | 23,782 |
| | 2021 | 0 | 23,439 | 0 | 0 | 0 | 0 | 0 | 0 | 23,439 |
| | 2022 | 0 | 23,434 | 0 | 0 | 0 | 0 | 0 | 0 | 23,434 |
| Textiles | 2020 | 4,069 | 49 | 0 | 0 | 33 | 24 | 9 | 1 | 4,185 |
| | 2021 | 2,893 | 6 | 0 | 0 | 9 | 5 | 41 | 1 | 2,954 |
| | 2022 | 3,147 | 20 | 0 | 0 | 15 | 12 | 24 | 0 | 3,219 |
| Miscellaneous | 2020 | 5,525 | 7,398 | 0 | 0 | 1,677 | 528 | 2,492 | 362 | 17,983 |
| | 2021 | 3,658 | 8,314 | 0 | 0 | 7,051 | 405 | 4,414 | 96 | 23,938 |
| | 2022 | 8,516 | 7,974 | 0 | 0 | 8,562 | 133 | 1,390 | 897 | 27,471 |
| Of which hazardous waste ⁴ | 2020 | 72 | 10,537 | 0 | 0 | 353 | 221 | 116 | 2,364 | 13,663 |
| | 2021 | 31 | 7,768 | 0 | 0 | 702 | 233 | 93 | 2,263 | 11,089 |
| | 2022 | 1,365 | 8,660 | 0 | 0 | 163 | 484 | 104 | 2,965 | 13,741 |

1 | This table only contains recyclables of the companies of Schwarz Group. Recyclables that PreZero collects from its customers and processes are not included.

2 | The category "Miscellaneous" is a compound category which also includes volumes that cannot be positively assigned to the abovementioned categories.

3 | The figures shown contain the recyclable PET materials of all companies of Schwarz Group.

4 | This includes for example, old paints/varnishes, household/industrial batteries, energy-saving bulbs, electrical waste, fluorescent tubes, (neon) toner, cleaning products, acids and lye, solvents, spray bottles.



Recycling Rate, Recyclability and Use of Recyclables

| | Unit | 2020 | 2021 | 2022 | 2021/22 delta |
|---|-----------|-----------|-----------|------------------|------------------|
| Recycling rates of recyclable materials accumulated internally | | | | | |
| Total recyclable materials | t | 2,855,295 | 2,980,065 | 3,018,758 | +1.3 % |
| Recycling | t | 2,110,531 | 2,117,581 | 2,120,891 | +0.2 % |
| Recycling rate | % | 73.9 | 71.1 | 70.3 | -0.8 %P |
| Recyclability of plastic packaging | | | | | |
| Recyclability | % | 33.8 | 49.7 | 53.2 | +3.5 %P |
| Recycled materials in own-brand primary plastic packaging | | | | | |
| Recycled materials content | % | 10.2 | 14.3 | 17.4 | +3.1 %P |
| Recycled materials content LCH/cosmetics | % | - | 14.2 | 16.9 | +19.0 % |
| Recycled material produced | | | | | |
| Recycled material produced by Schwarz Produktion | t | 39,059 | 54,265 | 58,861 | +8.5 % |
| Recycled material produced by PreZero | t | - | 87,594 | 123,535 | +41.0 % |
| Reduction of plastic in private labels | | | | | |
| Plastic use | g/€ sales | 8.0 | 7.5 | 6.6 | -28.4 % |
| Reduction in microplastics | | | | | |
| Proportion of microplastic-free items | % | 22.0 | 89.6 | 97.8 | +8.2 %P |



Recovery Types

| Data in tons | 2020 | 2021 | 2022 |
|---------------------------------------|-----------|-----------|------------------|
| Total waste | 2,855,295 | 2,980,065 | 3,018,758 |
| Recycling | 2,110,531 | 2,117,581 | 2,120,891 |
| Reusing | 9,697 | 68,561 | 82,407 |
| Fermenting | 347,771 | 379,641 | 407,524 |
| Composting | 13,930 | 14,070 | 10,600 |
| Thermal recovery with energy recovery | 137,449 | 155,373 | 166,829 |
| Combustion | 17,475 | 15,871 | 18,936 |
| Disposal | 184,744 | 193,100 | 164,267 |
| Miscellaneous | 33,699 | 35,867 | 47,305 |

Key Performance Indicators

Energy Consumption within the Companies of Schwarz Group

| | FY | Lidl | Kaufland | PreZero | Schwarz Produktion | Schwarz Dienstleistungen | Schwarz Group |
|--|-------------|------------------|------------------|------------------|--------------------|--------------------------|-------------------|
| Total energy consumption in MWh^{1,2,3} | 2020 | 6,363,509 | 2,967,565 | 426,656 | 459,412 | 68,046 | 10,285,187 |
| | 2021 | 7,044,475 | 3,103,458 | 461,798 | 479,205 | 77,546 | 11,166,481 |
| | 2022 | 7,836,676 | 3,062,612 | 1,574,811 | 516,844 | 83,497 | 13,074,441 |
| from renewable sources | 2020 | 3,278,802 | 329,001 | 78,847 | 1,285 | 231 | 3,688,166 |
| | 2021 | 4,645,134 | 455,124 | 84,603 | 2,714 | 117 | 5,187,691 |
| | 2022 | 6,227,174 | 2,271,982 | 408,170 | 320,999 | 38,460 | 9,266,786 |
| from non-renewable sources | 2020 | 3,084,707 | 2,638,564 | 347,808 | 458,127 | 67,815 | 6,597,021 |
| | 2021 | 2,399,341 | 2,648,333 | 377,195 | 476,491 | 77,429 | 5,978,790 |
| | 2022 | 1,609,501 | 790,630 | 1,166,641 | 195,845 | 45,038 | 3,807,655 |
| Electricity | 2020 | 5,247,782 | 2,211,663 | 237,607 | 298,165 | 40,226 | 8,035,442 |
| | 2021 | 5,802,596 | 2,270,256 | 172,543 | 299,943 | 46,201 | 8,591,539 |
| | 2022 | 6,232,177 | 2,281,513 | 431,248 | 323,767 | 38,661 | 9,307,366 |
| from renewable sources | 2020 | 3,278,802 | 329,001 | 78,847 | 1,285 | 231 | 3,688,166 |
| | 2021 | 4,645,134 | 455,124 | 52,282 | 2,714 | 117 | 5,155,371 |
| | 2022 | 6,226,508 | 2,271,640 | 348,196 | 320,999 | 38,460 | 9,205,803 |
| Outsourcing | 2020 | 3,190,939 | 324,764 | 78,847 | 0 | 0 | 3,594,551 |
| | 2021 | 4,503,064 | 448,811 | 52,282 | 0 | 0 | 5,004,157 |
| | 2022 | 6,004,360 | 2,261,638 | 274,800 | 317,331 | 11,891 | 8,870,020 |
| Self-consumption from self-generation | 2020 | 87,863 | 4,237 | 0 | 1,285 | 231 | 93,616 |
| | 2021 | 142,070 | 6,313 | 0 | 2,714 | 117 | 151,214 |
| | 2022 | 222,147 | 10,002 | 73,396 | 3,669 | 638 | 309,853 |

1 | In principle, for reasons of control relevance, we report all energy key performance figures in the unit megawatt-hour (MWh).

2 | Discrepancies from the publication in the Sustainability Report FY 2020/21 are a result of retrospective corrections due to additional data availability.

3 | Due to values being rounded, there may be slight discrepancies in the totals.

| | FY | Lidl | Kaufland | PreZero | Schwarz Produktion | Schwarz Dienstleistungen | Schwarz Group |
|---------------------------------------|-------------|----------------|----------------|---------------|--------------------|--------------------------|------------------|
| from non-renewable sources | 2020 | 1,968,980 | 1,882,661 | 158,759 | 296,881 | 39,995 | 4,347,276 |
| | 2021 | 1,157,462 | 1,815,132 | 120,260 | 297,230 | 46,084 | 3,436,168 |
| | 2022 | 5,669 | 9,872 | 83,052 | 2,768 | 202 | 101,564 |
| Outsourcing | 2020 | 1,968,980 | 1,882,661 | 158,759 | 293,684 | 39,995 | 4,344,080 |
| | 2021 | 1,157,462 | 1,812,805 | 120,260 | 294,751 | 46,084 | 3,431,362 |
| | 2022 | 5,669 | 3,553 | 24,548 | 0 | 202 | 33,972 |
| Self-consumption from self-generation | 2020 | 0 | 0 | 0 | 3,196 | 0 | 3,196 |
| | 2021 | 0 | 2,327 | 0 | 2,479 | 0 | 4,806 |
| | 2022 | 0 | 6,319 | 58,505 | 2,768 | 0 | 67,591 |
| District heating | 2020 | 76,928 | 90,192 | 285 | 0 | 1,667 | 169,073 |
| | 2021 | 83,648 | 96,079 | 1,385 | 0 | 4,049 | 185,161 |
| | 2022 | 80,756 | 85,384 | 3,782 | 0 | 5,677 | 175,599 |
| Natural gas | 2020 | 583,851 | 527,769 | 22,366 | 148,086 | 5,890 | 1,287,963 |
| | 2021 | 607,791 | 579,912 | 21,670 | 156,224 | 2,465 | 1,368,062 |
| | 2022 | 545,817 | 516,250 | 54,235 | 165,848 | 1,524 | 1,283,673 |
| Other gases ⁴ | 2020 | 0 | 0 | 303 | 0 | 0 | 303 |
| | 2021 | 0 | 679 | 246 | 6,228 | 0 | 7,153 |
| | 2022 | 217 | 770 | 2,339 | 5,869 | 0 | 9,195 |
| Heating oil ⁵ | 2020 | 0 | 37,454 | 771 | 0 | 0 | 38,225 |
| | 2021 | 3,999 | 41,267 | 9,227 | 3,001 | 0 | 57,494 |
| | 2022 | 10,595 | 38,674 | 20,210 | 5,803 | 0 | 75,282 |
| Wood pellets | 2020 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2021 | 0 | 0 | 1,551 | 0 | 0 | 1,551 |
| | 2022 | 0 | 0 | 1,616 | 0 | 0 | 1,616 |

4 | Includes propane and LPG.

5 | Conversion of liters into MWh with a combined factor from IPCC 2006 and GHG Protocol Cross Sector Tools (heating oil: 0.010561).

| | FY | Lidl | Kaufland | PreZero | Schwarz Produktion | Schwarz Dienstleistungen | Schwarz Group |
|---|-------------|----------------|----------------|------------------|--------------------|--------------------------|------------------|
| Emergency power systems and sprinkler systems – heating oil | 2020 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2021 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2022 | 4,355 | 3,953 | 0 | 0 | 0 | 8,308 |
| Emergency power systems and sprinkler systems – diesel | 2020 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2021 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2022 | 15,988 | 2,914 | 33 | 0 | 0 | 18,936 |
| Emergency power systems and sprinkler systems – biodiesel | 2020 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2021 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2022 | 667 | 342 | 0 | 0 | 0 | 1,009 |
| Emergency power systems and sprinkler systems – HVO | 2020 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2021 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2022 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hard coal | 2020 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2021 | 0 | 0 | 403 | 0 | 0 | 403 |
| | 2022 | 0 | 0 | 924 | 0 | 0 | 924 |
| Mobile combustion ^{6,7,8} | 2020 | 454,947 | 100,487 | 165,323 | 13,160 | 20,262 | 754,181 |
| | 2021 | 546,441 | 115,264 | 254,773 | 13,810 | 24,831 | 955,119 |
| | 2022 | 946,103 | 132,813 | 1,060,424 | 15,557 | 37,635 | 2,192,532 |
| from renewable sources | 2020 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2021 | 0 | 0 | 30,769 | 0 | 0 | 30,769 |
| | 2022 | 0 | 0 | 58,358 | 0 | 0 | 58,358 |
| from non-renewable sources | 2020 | 454,947 | 100,487 | 165,323 | 13,160 | 20,262 | 754,181 |
| | 2021 | 546,441 | 115,264 | 224,004 | 13,810 | 24,831 | 924,349 |
| | 2022 | 946,103 | 132,813 | 1,002,065 | 15,557 | 37,635 | 2,134,174 |

6 | Fuels for own company cars and internal logistics.

7 | Conversion of liters into MWh with combined factor from IPCC 2006, GHG Protocol Cross Sector Tools and CDP Technical Note: Conversion of fuel data to MWh (gasoline: 0.009585/Diesel: 0.010561/Biodiesel: 0.006711).

8 | Conversion of kg into MWh with combined factor from IPCC 2006, GHG Protocol Cross Sector Tools, CDP Technical Note: Conversion of fuel data to MWh and DEFRA 2021 (CNG/LNG: 0.01481/LPG: 0.014599).

Percentage of Renewable Energy¹

| FY | Lidl | Kaufland | PreZero | Schwarz Produktion | Schwarz Dienstleistungen | Schwarz Group |
|-------------|---------------|---------------|---------------|--------------------|--------------------------|---------------|
| 2020 | 62.5 % | 14.9 % | 33.2 % | 0.4 % | 0.6 % | 45.9 % |
| 2021 | 80.1 % | 20.0 % | 30.3 % | 0.9 % | 0.3 % | 60.0 % |
| 2022 | 99.9 % | 99.6 % | 80.7 % | 99.1 % | 99.5 % | 98.9 % |

¹ | The data shows the percentage in regard to total electricity consumed (incl. self-generated electricity from combined heat and power plant), not just the percentage in regard to total electricity purchased.

Total Energy Consumption per Employee

in MWh/employee

| FY | Lidl | Kaufland | PreZero | Schwarz Produktion | Schwarz Dienstleistungen | Schwarz Group |
|-------------|-----------|-----------|-----------|--------------------|--------------------------|---------------|
| 2020 | 19 | 22 | 102 | 132 | 12 | 21 |
| 2021 | 19 | 22 | 39 | 125 | 12 | 21 |
| 2022 | 20 | 20 | 58 | 126 | 10 | 23 |

Self-generation of Renewable Energies from Photovoltaic Systems

| Schwarz Group | Unit | 2020 | 2021 | 2022 | 2021/22 delta |
|--|----------------|---------|-----------|------------------|---------------|
| Buildings with photovoltaic systems | Number | 1,305 | 1,886 | 2,485 | +31.8 % |
| Photovoltaic systems area | m ² | 988,768 | 1,608,018 | 2,442,361 | +51.9 % |
| corresponds to... soccer pitches ¹ | Number | 138 | 225 | 342 | +51.9 % |
| Photovoltaic systems performance² | kWp | - | 271,834 | 485,471 | +78.6 % |
| Buildings with solar power systems for heat generation | Number | 113 | 120 | 126 | +5.0 % |
| Electricity self-generated renewable energies from PV systems³ | MWh | 129,443 | 194,869 | 295,769 | +51.8 % |
| of which renewable energies fed into electricity grid | MWh | 35,828 | 43,655 | 213,070 | +388.1 % |

¹ | When converting the area into the comparison figure of equivalent soccer pitches, an average soccer pitch area of 7,150 m² was used for the calculation.

² | Was collected for the first time for FY 21. Therefore, there are no values for FY 20.

³ | Incl. generation of electricity from biogas plant.

Volumes of Greenhouse Gas Emissions¹⁻⁵

| | | FY | Lidl | Kaufland | PreZero | Schwarz Produktion | Schwarz Dienstleistungen | Schwarz Group ⁶ |
|----------------|--|-------------|--------------------|-------------------|------------------|--------------------|--------------------------|----------------------------|
| Total | Gross volume of GHG emissions in tons of CO₂ equivalent | 2020 | 122,497,672 | 33,647,255 | 959,195 | 1,620,319 | 461,526 | 159,185,967 |
| | | 2021 | 125,136,389 | 33,823,862 | 2,096,148 | 1,717,156 | 380,594 | 163,154,150 |
| | | 2022 | 127,560,353 | 34,242,781 | 3,012,193 | 2,005,294 | 303,894 | 165,323,139 |
| Scope 1 | Direct GHG emissions in tons of CO₂ equivalent (scope 1) | 2020 | 400,598 | 403,467 | 322,091 | 32,314 | 6,774 | 1,165,244 |
| | | 2021 | 435,420 | 405,507 | 411,105 | 36,053 | 8,389 | 1,296,473 |
| | | 2022 | 547,589 | 400,569 | 1,005,784 | 36,835 | 9,778 | 2,000,556 |
| | Volatile gases | 2020 | 169,624 | 269,590 | 100,910 | 133 | 0 | 540,257 |
| | | 2021 | 174,382 | 256,490 | 155,646 | 2,129 | 0 | 588,647 |
| | | 2022 | 157,518 | 260,975 | 214,569 | 70 | 0 | 633,131 |
| | Mobile combustion | 2020 | 116,093 | 26,460 | 42,854 | 3,375 | 5,700 | 194,482 |
| | | 2021 | 141,257 | 31,018 | 55,682 | 3,543 | 7,940 | 239,440 |
| | | 2022 | 280,504 | 33,724 | 250,900 | 3,981 | 9,501 | 578,609 |
| | Stationary combustion | 2020 | 114,881 | 107,417 | 178,327 | 28,806 | 1,074 | 430,505 |
| | | 2021 | 119,781 | 118,000 | 199,776 | 30,380 | 449 | 468,386 |
| | | 2022 | 109,568 | 105,871 | 540,316 | 32,783 | 278 | 788,815 |

1 | Analyzed sources for the emission factors: International organizations (e.g., IEA, IPCC), LCA databases (e.g., Ecoinvent), diff. national institutions (e.g., DBEIS/DEFRA), and industrial associations and organizations (e.g., PlasticsEurope, FEFCO).

2 | Discrepancies in the climate footprint 2020 and 2021 from the Sustainability Report FY 2020/21 are a result of retrospective corrections due to additional data availability.

3 | Due to values being rounded, there may be slight discrepancies in the totals.

4 | Due to immateriality, the emissions of GHG categories 3.8, 3.13, 3.14, and 3.15 are not accounted.

5 | Due to the inorganic growth of the companies of Schwarz Group and methodological adjustments, we are currently working on a new calculation for our base year FY 2019 and the previous years (FY 2020–2021). A direct comparison with the previous years therefore can currently not be undertaken.

6 | In order to avoid duplicate accounting of emissions in the joint carbon footprint of the companies of Schwarz Group, the product emissions for products from Schwarz Produktion that appear both in the Schwarz Produktion carbon footprint and in the retail divisions' carbon footprints are only considered once for aggregation into the group carbon footprint. This also means that the individual totals of the divisions do not correspond to the values of Schwarz Group in the corresponding categories.

7 | Scope-2 emissions according to the market-based approach were used for the total calculation of (operational) GHG emissions.

| | FY | Lidl | Kaufland | PreZero | Schwarz Produktion | Schwarz Dienstleistungen | Schwarz Group ⁶ | | |
|---------|--|--|------------------|----------------|--------------------|--------------------------|----------------------------|------------------|------------------|
| Scope 2 | Indirect GHG emissions in tons of CO ₂ equivalent (scope 2) including electricity acc, to market-based approach | 2020 | 560,910 | 697,561 | 25,036 | 138,132 | 10,249 | 1,431,887 | |
| | | 2021 | 501,040 | 566,103 | 40,135 | 137,472 | 10,535 | 1,255,284 | |
| | | 2022 | 17,207 | 21,783 | 25,299 | 0 | 1,449 | 65,738 | |
| | Indirect GHG emissions in tons of CO ₂ equivalent (scope 2) including electricity acc, to location-based approach | 2020 | 1,614,048 | 961,771 | 33,663 | 117,885 | 16,464 | 2,743,830 | |
| | | 2021 | 1,607,305 | 892,446 | 41,898 | 102,072 | 16,954 | 2,660,675 | |
| | | 2022 | 1,549,862 | 801,726 | 87,755 | 99,229 | 13,285 | 2,551,857 | |
| | District heating | 2020 | 16,122 | 22,169 | 112 | 0 | 410 | 38,813 | |
| | | 2021 | 16,782 | 23,616 | 340 | 0 | 995 | 41,734 | |
| | | 2022 | 16,420 | 20,987 | 930 | 0 | 1,395 | 39,733 | |
| | Electricity acc, to market-based approach | 2020 | 544,788 | 675,392 | 24,924 | 138,132 | 9,839 | 1,393,074 | |
| | | 2021 | 484,259 | 542,486 | 39,794 | 137,472 | 9,539 | 1,213,550 | |
| | | 2022 | 787 | 796 | 24,370 | 0 | 53 | 26,006 | |
| | Electricity acc, to location-based approach | 2020 | 1,597,926 | 939,602 | 33,551 | 117,885 | 16,054 | 2,705,017 | |
| | | 2021 | 1,590,523 | 868,829 | 41,557 | 102,072 | 15,959 | 2,618,941 | |
| | | 2022 | 1,533,442 | 780,738 | 86,826 | 99,229 | 11,890 | 2,512,125 | |
| | Scope 1 and 2 | Direct & indirect GHG emissions in tons of CO ₂ equivalent (scope 1 & 2) ⁷ | 2020 | 961,507 | 1,101,028 | 347,127 | 170,446 | 17,022 | 2,597,131 |
| | | | 2021 | 936,461 | 971,609 | 451,239 | 173,524 | 18,924 | 2,551,757 |
| | | | 2022 | 564,796 | 422,353 | 1,031,084 | 36,835 | 11,227 | 2,066,294 |

1 | Analyzed sources for the emission factors: International organizations (e.g., IEA, IPCC), LCA databases (e.g., Ecoinvent), diff. national institutions (e.g., DBEIS/DEFRA), and industrial associations and organizations (e.g., PlasticsEurope, FEFCO).

2 | Discrepancies in the climate footprint 2020 and 2021 from the Sustainability Report FY 2020/21 are a result of retrospective corrections due to additional data availability.

3 | Due to values being rounded, there may be slight discrepancies in the totals.

4 | Due to immateriality, the emissions of GHG categories 3.8, 3.13, 3.14, and 3.15 are not accounted.

5 | Due to the inorganic growth of the companies of Schwarz Group and methodological adjustments, we are currently working on a new calculation for our base year FY 2019 and the previous years (FY 2020–2021). A direct comparison with the previous years therefore can currently not be undertaken.

6 | In order to avoid duplicate accounting of emissions in the joint carbon footprint of the companies of Schwarz Group, the product emissions for products from Schwarz Produktion that appear both in the Schwarz Produktion carbon footprint and in the retail divisions' carbon footprints are only considered once for aggregation into the group carbon footprint. This also means that the individual totals of the divisions do not correspond to the values of Schwarz Group in the corresponding categories.

7 | Scope-2 emissions according to the market-based approach were used for the total calculation of (operational) GHG emissions.

| | FY | Lidl | Kaufland | PreZero | Schwarz Produktion | Schwarz Dienstleistungen | Schwarz Group ⁶ | |
|---------|--|-------------|--------------------|-------------------|--------------------|--------------------------|----------------------------|--------------------|
| Scope 3 | Indirect GHG emissions in tons of CO₂ equivalent (scope 3) | 2020 | 121,536,165 | 32,546,227 | 612,068 | 1,449,873 | 444,503 | 155,012,438 |
| | | 2021 | 124,199,928 | 32,852,253 | 1,644,909 | 1,543,632 | 361,670 | 158,736,778 |
| | | 2022 | 126,995,557 | 33,820,429 | 1,981,109 | 1,968,460 | 292,667 | 163,256,845 |
| | Cat. 3.1 Purchased goods and services | 2020 | 106,511,793 | 28,054,956 | 21,208 | 1,179,892 | 172,379 | 134,365,302 |
| | | 2021 | 103,302,743 | 28,270,516 | 42,563 | 1,237,528 | 172,139 | 131,161,551 |
| | | 2022 | 104,374,649 | 28,824,608 | 63,618 | 1,671,808 | 143,726 | 133,279,045 |
| | Cat. 3.2 Capital goods | 2020 | 0 | 0 | 84,262 | 0 | 0 | 84,262 |
| | | 2021 | 0 | 0 | 85,066 | 0 | 0 | 85,066 |
| | | 2022 | 0 | 0 | 146,491 | 0 | 0 | 146,491 |
| | Cat. 3.3 Fuel and energy-related emissions | 2020 | 544,706 | 288,762 | 18,706 | 39,738 | 5,680 | 897,593 |
| | | 2021 | 555,533 | 281,513 | 28,174 | 37,623 | 6,202 | 909,046 |
| | | 2022 | 592,520 | 266,224 | 85,173 | 39,458 | 5,614 | 988,989 |
| | Cat. 3.4 Upstream transportation and distribution | 2020 | 3,519,008 | 2,081,843 | 21,454 | 218,353 | 0 | 5,840,657 |
| | | 2021 | 6,991,819 | 1,948,915 | 29,459 | 255,098 | 0 | 9,225,291 |
| | | 2022 | 6,923,733 | 2,082,850 | 59,443 | 242,479 | 0 | 9,308,505 |
| | Cat. 3.5 Waste generated in operations | 2020 | 273,263 | 84,854 | 0 | 5,171 | 0 | 363,288 |
| | | 2021 | 280,927 | 82,832 | 0 | 5,192 | 0 | 368,951 |
| | | 2022 | 279,334 | 74,571 | 0 | 5,000 | 0 | 358,905 |

1 | Analyzed sources for the emission factors: International organizations (e.g., IEA, IPCC), LCA databases (e.g., Ecoinvent), diff. national institutions (e.g., DBEIS/DEFRA), and industrial associations and organizations (e.g., PlasticsEurope, FEFCO).

2 | Discrepancies in the climate footprint 2020 and 2021 from the Sustainability Report FY 2020/21 are a result of retrospective corrections due to additional data availability.

3 | Due to values being rounded, there may be slight discrepancies in the totals.

4 | Due to immateriality, the emissions of GHG categories 3.8, 3.13, 3.14, and 3.15 are not accounted.

5 | Due to the inorganic growth of the companies of Schwarz Group and methodological adjustments, we are currently working on a new calculation for our base year FY 2019 and the previous years (FY 2020–2021). A direct comparison with the previous years therefore can currently not be undertaken.

6 | In order to avoid duplicate accounting of emissions in the joint carbon footprint of the companies of Schwarz Group, the product emissions for products from Schwarz Produktion that appear both in the Schwarz Produktion carbon footprint and in the retail divisions' carbon footprints are only considered once for aggregation into the group carbon footprint. This also means that the individual totals of the divisions do not correspond to the values of Schwarz Group in the corresponding categories.

7 | Scope-2 emissions according to the market-based approach were used for the total calculation of (operational) GHG emissions.

| | FY | Lidl | Kaufland | PreZero | Schwarz Produktion | Schwarz Dienstleistungen | Schwarz Group ⁶ | |
|--|---|-------------------|------------------|------------------|--------------------|--------------------------|----------------------------|----------------|
| Scope 3 | Cat. 3.6 Business travel | 2020 | 43,704 | 12,772 | 5,119 | 1,061 | 3,555 | 66,212 |
| | | 2021 | 62,957 | 22,990 | 5,866 | 1,921 | 5,783 | 99,517 |
| | | 2022 | 95,301 | 22,324 | 14,470 | 2,819 | 10,526 | 145,440 |
| | Cat. 3.7 Employee commuting | 2020 | 409,703 | 163,734 | 7,595 | 4,172 | 6,821 | 592,025 |
| | | 2021 | 444,720 | 172,447 | 14,214 | 4,597 | 7,931 | 643,909 |
| | | 2022 | 463,876 | 179,612 | 32,550 | 4,872 | 9,895 | 690,805 |
| | Cat. 3.9 Downstream transportation and distribution | 2020 | 34,210 | 0 | 7,163 | 0 | 0 | 41,373 |
| | | 2021 | 41,056 | 0 | 237 | 0 | 0 | 41,292 |
| | | 2022 | 34,229 | 625 | 168 | 0 | 0 | 35,022 |
| | Cat. 3.10 Processing of sold products | 2020 | 0 | 0 | 63,539 | 0 | 0 | 63,539 |
| | | 2021 | 0 | 0 | 84,443 | 0 | 0 | 84,443 |
| | | 2022 | 0 | 0 | 110,931 | 0 | 0 | 110,931 |
| Cat. 3.11 Use of sold products | 2020 | 10,048,568 | 1,825,405 | 4 | 0 | 256,069 | 12,130,046 | |
| | 2021 | 12,369,050 | 2,036,629 | 0 | 0 | 169,616 | 14,575,295 | |
| | 2022 | 14,082,145 | 2,343,700 | 3,148 | 0 | 122,906 | 16,551,899 | |
| Cat. 3.12 End-of-life treatment of sold products | 2020 | 151,210 | 33,901 | 383,018 | 1,486 | 0 | 568,143 | |
| | 2021 | 151,123 | 36,410 | 1,354,887 | 1,672 | 0 | 1,542,417 | |
| | 2022 | 149,771 | 25,913 | 1,465,117 | 2,023 | 0 | 1,640,813 | |

1 | Analyzed sources for the emission factors: International organizations (e.g., IEA, IPCC), LCA databases (e.g., Ecoinvent), diff. national institutions (e.g., DBEIS/DEFRA), and industrial associations and organizations (e.g., PlasticsEurope, FEFCO).

2 | Discrepancies in the climate footprint 2020 and 2021 from the Sustainability Report FY 2020/21 are a result of retrospective corrections due to additional data availability.

3 | Due to values being rounded, there may be slight discrepancies in the totals.

4 | Due to immateriality, the emissions of GHG categories 3.8, 3.13, 3.14, and 3.15 are not accounted.

5 | Due to the inorganic growth of the companies of Schwarz Group and methodological adjustments, we are currently working on a new calculation for our base year FY 2019 and the previous years (FY 2020–2021). A direct comparison with the previous years therefore can currently not be undertaken.

6 | In order to avoid duplicate accounting of emissions in the joint carbon footprint of the companies of Schwarz Group, the product emissions for products from Schwarz Produktion that appear both in the Schwarz Produktion carbon footprint and in the retail divisions' carbon footprints are only considered once for aggregation into the group carbon footprint. This also means that the individual totals of the divisions do not correspond to the values of Schwarz Group in the corresponding categories.

7 | Scope-2 emissions according to the market-based approach were used for the total calculation of (operational) GHG emissions.

Emissions Intensity of the Companies of Schwarz Group

| | FY | Lidl | Kaufland | PreZero | Schwarz Produktion | Schwarz Dienstleistungen | Schwarz Group |
|---|-------------|------------|------------|------------|--------------------|--------------------------|---------------|
| Total emissions in t of CO ₂ equivalent per employee | 2020 | 359 | 247 | 228 | 466 | 81 | 324 |
| | 2021 | 336 | 235 | 177 | 448 | 58 | 303 |
| | 2022 | 330 | 229 | 111 | 489 | 37 | 287 |
| Total emissions in t CO ₂ equivalent per m ² sales area | 2020 | 9.9 | 6.9 | - | - | - | - |
| | 2021 | 9.7 | 6.6 | - | - | - | - |
| | 2022 | 9.5 | 6.2 | - | - | - | - |

Water Consumption within the Companies of Schwarz Group in Cubic Meters

| | 2020 | 2021 | 2022 | 2021/22 delta |
|--------------------------------|------------|------------|-------------------|---------------|
| Total water consumption | 11,204,916 | 12,658,586 | 14,603,761 | +15.4 % |
| Water consumption per employee | 22.8 | 23.5 | 25.4 | +7.9 % |