

Appendix B Carbon Footprint 2023

Dana-Seals A/S climate impact

Dana-Seals A/S

Ole Rømers Vej 4G
DK-3000 Helsingør
Denmark
+45 49224400
info@dana-seals.dk

[Home - Dana - Seals](#)

CVR no. 26165458

DGE
MILJØ- OG INGENIØRFIRMA



Dana-Seals

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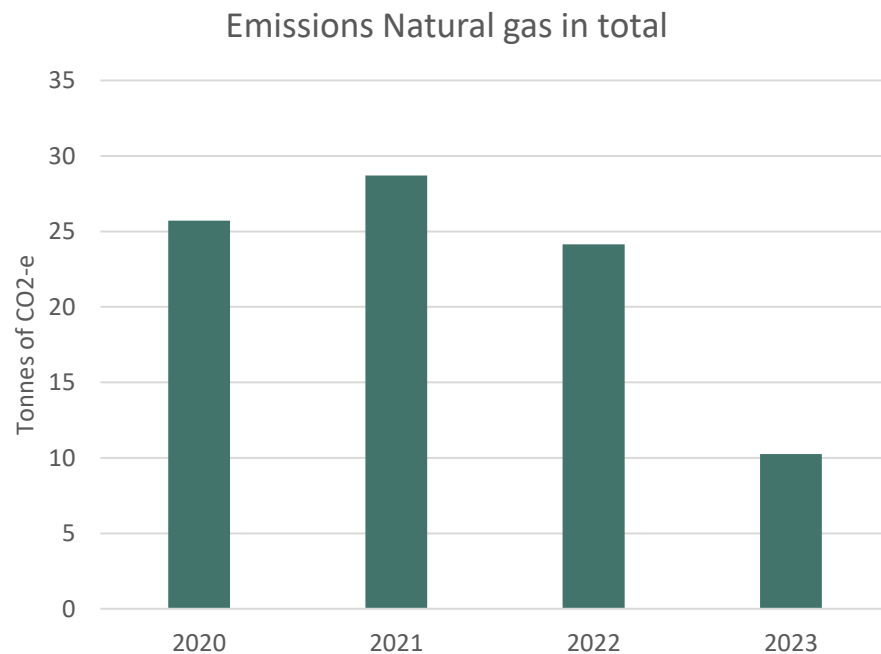
Introduction to comparison to previous data

Introduction

Due to updated emission factors in 2023, it would be inaccurate to compare 2023 to previous years. The updated emission factors are mainly due to new data from suppliers and a change of database. Throughout the report additional diagram & tables have therefore been added for at better basis of comparability.

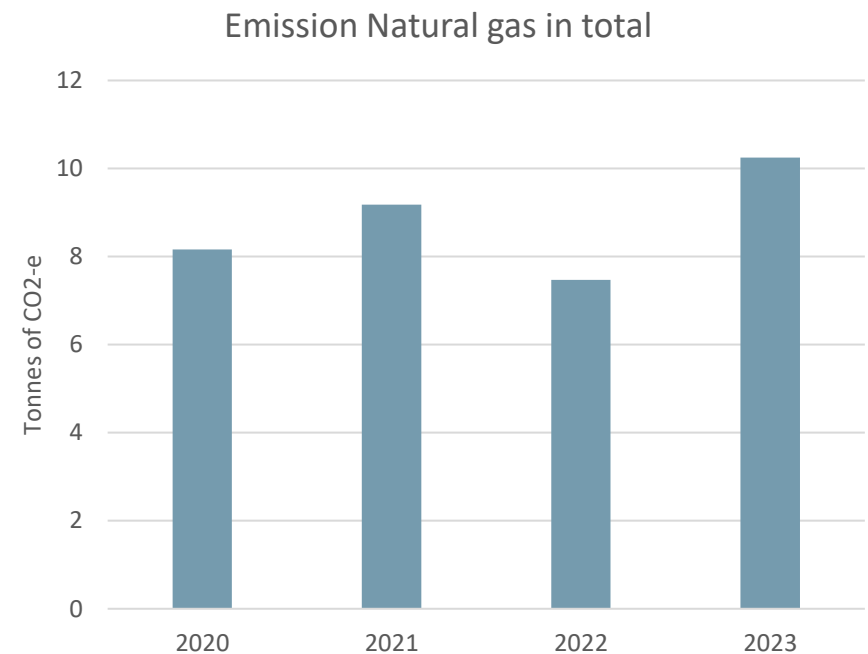
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Climate report 2023



In 2023 emission factors have been updated for natural gas and for comparability the following diagram displays the emission with the updated emission factor for all four years.

Comparison with previous data



In 2023 the Emission of natural gas has increased, which was expected as Dana-Seals expanded the production area by 35,9% (540kvm) as of the end of 2022.

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| Source | 2020 | 2021 | 2022 | 2023 | Unit |
|----------------|----------------|----------------|----------------|----------------|-----------------------------------|
| PTFE | 2802,60 | 4749,12 | 3729,12 | 635,18 | Tonnes of CO _{2-e} |
| Bronze powder | 14,11 | 22,57 | 19,75 | 4,76 | Tonnes of CO _{2-e} |
| PTFE Compounds | 561,92 | 647,53 | 665,17 | 735,05 | Tonnes of CO _{2-e} |
| Water | - | - | - | 0,02 | Tonnes of CO _{2-e} |
| Total | 3377,63 | 5419,22 | 4414,04 | 1375,01 | Tonnes of CO_{2-e} |

In 2023 emission factors from some suppliers have been obtainable for PTFE and Bronze powder, which results in more accurate data. For comparability the following table displays emission from purchased raw materials from 2020-2023 with equal emission factors.

Comparison with previous data

| Source | 2020 | 2021 | 2022 | 2023 | Unit |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------------------------|
| PTFE | 413,03 | 700,15 | 549,77 | 635,18 | Tonnes of CO _{2-e} |
| Bronze powder | 4,33 | 6,92 | 6,06 | 4,76 | Tonnes of CO _{2-e} |
| PTFE Compounds | 794,84 | 915,93 | 940,90 | 735,05 | Tonnes of CO _{2-e} |
| Water | - | - | - | 0,02 | Tonnes of CO _{2-e} |
| Total | 1.212,20 | 1.623,00 | 1.496,72 | 1.375,01 | Tonnes of CO_{2-e} |

2023 shows an overall decrease compared to previous years which mainly is due to a lower purchased volume of PTFE Compounds.

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Climate report 2023

| Source | 2020 | 2021 | 2022 | 2023 | Unit |
|----------------|--------------|--------------|--------------|--------------|-----------------------------------|
| PTFE | 8,74 | 14,87 | 12,63 | 8,47 | Tonnes of CO _{2-e} |
| Bronze powder | 0,77 | 1,16 | 0,98 | 1,37 | Tonnes of CO _{2-e} |
| PTFE Compounds | 1,07 | 1,21 | 1,25 | 1,72 | Tonnes of CO _{2-e} |
| Total | 10,58 | 17,24 | 14,85 | 11,56 | Tonnes of CO_{2-e} |

Comparison with previous data

| Source | 2020 | 2021 | 2022 | 2023 | Unit |
|----------------|-------------|--------------|--------------|--------------|-----------------------------------|
| PTFE | 5,51 | 8,83 | 7,33 | 8,47 | Tonnes of CO _{2-e} |
| Bronze powder | 1,34 | 2,04 | 1,72 | 1,37 | Tonnes of CO _{2-e} |
| PTFE Compounds | 1,85 | 2,14 | 2,20 | 1,72 | Tonnes of CO _{2-e} |
| Total | 8,70 | 13,01 | 11,25 | 11,56 | Tonnes of CO_{2-e} |

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Climate report 2023

| Source | 2020 | 2021 | 2022 | 2023 | Unit |
|-------------------------------------|---------------|---------------|---------------|---------------|-----------------------------------|
| Slightly flammable for combustion | 77,17 | 89,01 | 108,1 | 1,60 | Tonnes of CO _{2-e} |
| Cardboard (and paper) for recycling | 5,54 | 9,16 | 10,64 | 0,04 | Tonnes of CO _{2-e} |
| PTFE mixed with other for landfill | 216,02 | 206,17 | 253,34 | 11,06 | Tonnes of CO _{2-e} |
| Plastic | 0 | 0 | 0 | 0,61 | Tonnes of CO _{2-e} |
| Plastic, mixed | 0 | 0 | 0 | 7,75 | Tonnes of CO _{2-e} |
| Scrap of PTFE for recycling | 64,68 | 99,17 | 144,04 | 177,28 | Tonnes of CO _{2-e} |
| Total | 363,41 | 403,50 | 516,13 | 198,35 | Tonnes of CO_{2-e} |

In 2023 the emission factors have been updated and for comparability the following table displays the waste emission from 2020-2023 with equal emission factors.

Comparison with previous data

| Source | 2020 | 2021 | 2022 | 2023 | Unit |
|-------------------------------------|--------------|---------------|---------------|---------------|-----------------------------------|
| Slightly flammable for combustion | 1,88 | 2,17 | 2,64 | 1,60 | Tonnes of CO _{2-e} |
| Cardboard (and paper) for recycling | 0,02 | 0,03 | 0,03 | 0,04 | Tonnes of CO _{2-e} |
| PTFE mixed with other for landfill | 8,97 | 8,59 | 10,58 | 11,06 | Tonnes of CO _{2-e} |
| Plastic | 0 | 0 | 0 | 0,61 | Tonnes of CO _{2-e} |
| Plastic, mixed | 0 | 0 | 0 | 7,75 | Tonnes of CO _{2-e} |
| Scrap of PTFE for recycling | 64,56 | 99,10 | 144,04 | 177,28 | Tonnes of CO _{2-e} |
| Total | 75,43 | 109,89 | 157,29 | 198,35 | Tonnes of CO_{2-e} |

In 2023 waste emission have gone up due to an increase in scrap of PTFE for recycling and additionally plastic being added to the table in 2023.

