



Huawei Technologies Switzerland AG 2024 Greenhouse Gas Emissions Report

**Building a Fully Connected,
Intelligent World**



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1 GHG Emissions Inventory

1.1 Full GHG Inventory

The inventory of Greenhouse Gas Emissions in the year of 2024 of Huawei Technologies Switzerland AG is calculated on the basis of GHG protocol and ISO 14064-1: 2018.

Time Boundary: 2024.1.1—2024.12.31

Organizational Boundary: Operational control approach is used. Scope 1&2 cover direct and indirect emissions generated from Huawei Technologies Switzerland AG and its directly controlled subsidiaries, including: leased office spaces and all types of vehicles. Scope 3 covers all upstream and downstream value chain emissions that are relevant to Huawei Technologies Switzerland AG.

The emissions data are as follows:

| Scope | Category | 2020 Emissions (base year, tCO ₂ e) | 2024 Emissions (current year, tCO ₂ e) |
|------------------------------------|--|--|---|
| Scope 1 (Direct GHG emissions) | Diesel | 242 | 46 |
| | Fugitive Emissions | 6 | 5 |
| Total of Scope 1 | | 248 | 51 |
| Scope 2 (Indirect GHG emissions) | Purchased Heat | 31 | 40 |
| | Purchased Electricity (Market-Based) | 19 | 0 |
| Total of Scope 2 | | 50 | 40 |
| Scope 3 (Other indirect emissions) | 1 Purchased Goods and Services | 9,242 | 3,076 |
| | 2 Capital Goods | 2,173 | 1,105 |
| | 3 Fuel- and Energy-Related Activities Not Included in Scope 1 or Scope 2 | 133 | 40 |
| | 4 Upstream Transportation and Distribution | 2,141 | 1,929 |
| | 5 Waste Generated in Operations | 20 | 6 |
| | 6 Business Travel | 342 | 1,599 |
| | 7 Employee Commuting | 268 | 297 |
| | 8 Upstream Leased Assets | 56 | 93 |
| | 9 Downstream Transportation and Distribution | 0 | 0 |
| | 10 Processing of Sold Products | NA | NA |
| | 11 Use of Sold Products | 8,829 | 2,294 |
| | 12 End-of-Life Treatment of Sold Products | 3 | 2 |
| | 13 Downstream Leased Assets | 0 | 0 |
| | 14 Franchises | 0 | 0 |

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|------------------------|----------------|--------|--------|
| | 15 Investments | 0 | 0 |
| Total of Scope 3 | | 23,208 | 10,441 |
| Total of GHG emissions | | 23,506 | 10,532 |

1.2 Exclusions

The exclusion threshold for Huawei Switzerland 's greenhouse gas inventory is set at no more than 0.6% of total emissions of scope1&2 and scope 3 for a single source and no more than 3% for multiple sources, and will be enforced in accordance with relevant domestic policies and regulations if they are enacted in the future. No significant sources of emissions have been excluded in this inventory.

1.3 Data limitations

For Scope 3 Category 8- Upstream Leased Assets, which includes emissions from long-term employee apartments and a small number of leased workstations, we are currently unable to obtain the actual emissions data for these workstations. Therefore, we estimated their floor area and calculated the electricity consumption per unit area based on the area and electricity consumption of offices under our operational control. This was then used to estimate the electricity consumption and carbon emissions of the leased workstations. In the future, we will refine our data collection process for the carbon emissions associated with leased workstations.

2 Target description

Huawei Switzerland's near-term, long-term, and net-zero emission reduction targets were approved by the Science Based Targets initiative in 2024. Our approved science-based targets are as follows:

| Target ID | Target type | Target wording | Scopes covered |
|-----------|-----------------------------------|--|----------------|
| NZ | Net-Zero | Huawei Technologies Switzerland AG commits to reach net-zero greenhouse gas emissions across the value chain by 2050 | 1+2+3 |
| ABS1 | Absolute (near-term) | Huawei Technologies Switzerland AG commits to reduce absolute scope 1 and 2 GHG emissions 78.29% by 2030 from a 2020 base year | 1+2 |
| INT1 | Economic Intensity (near-term) | Huawei Technologies Switzerland AG commits to reduce scope 3 GHG emissions from purchased goods and services, capital goods, and use of sold products 51.60% per CHF value added by 2030 from a 2020 base year | 3 |
| LTABS1 | Absolute (long-term) | Huawei Technologies Switzerland AG commits to reduce absolute scope 1 and 2 GHG emissions 90% by 2050 from a 2020 base year | 1+2 |

| | | | |
|--------|---------------------------------------|---|---|
| LTINT1 | Economic Intensity (long-term) | Huawei Technologies Switzerland AG also commits to reduce scope 3 GHG emissions 97% per CHF value added by 2050 from a 2020 base year | 3 |
|--------|---------------------------------------|---|---|

Reference to SBTi criteria and target setting tools used to set targets:

- Net-zero and long-term targets were set according to the SBTi Corporate Net-Zero Standard Version 1.1 and Net-Zero Tool Version 1.0.3, consistent with the Pathways to Net-Zero: SBTi Technical Summary Version 1.0.
- Near-term targets were set using the cross-sector absolute reduction and scope 3 physical intensity reduction methods, according to the SBTi Criteria and Recommendations Version 5.1 and the Science-Based Target Setting Tool Version 2.2.

3 Target progress

Huawei Switzerland prioritizes achieving its near-term targets. Its progress on near-term science-based targets are as follows:

| Reporting item [target] | Base year value (2020) | Base year emissions covered by targets, (tCO _{2e})(%) | 2030 target value | Target completion(%) |
|---|------------------------|---|-------------------|----------------------|
| Scope 1 (tCO _{2e}) | 248 | 248(100%) | NA | NA |
| Scope 2 (market-based) (tCO _{2e}) | 50 | 50(100%) | NA | NA |
| Total scope 1+2 (market-based) (tCO _{2e}) [ABS1] | 298 | 298(100%) | 65 | In progress |
| Scope 3, cat.1: Purchased goods and services (tCO _{2e}) | 9,242 | 9,242/100% | NA | NA |
| Scope 3, cat.2: Capital goods (tCO _{2e}) | 2,173 | 2,173/100% | NA | NA |
| Scope 3, cat.11: Use of Sold Products (tCO _{2e}) | 8,829 | 8,829/100% | NA | NA |

| | | | | |
|---|----|----------|----|-------------|
| Emissions Intensity of Scope 3, cat.1&2&11 (tCO ₂ e/Million CHF) [INT1] | 58 | 58(100%) | 28 | In progress |
|---|----|----------|----|-------------|

4 Substantial emission variations and changes in targets

4.1 Principles for recalculation

The principles of recalculating the base year are as follows:

- Significant changes in the organizational boundaries between the reporting year and the base year.
- Significant changes in calculation methods or emission factors.
- Data accounting errors.

4.2 Base year adjustment

During the current year, we have no adjustment to the base year, and the emissions data of the base year don't need to be recalculated.

5 Actions towards meeting SBTs

| Target | Actions towards meeting SBTs |
|---|---|
| Reduce absolute scope 1 and 2 GHG emissions 78.29% by 2030 from a 2020 base year [ABS1] | In 2024, we reduced our Scope 1&2 emissions by 70% compared to the base year, approaching our near-term target. Specifically, total Scope 1 emissions reached 51 tCO ₂ e, a decrease of 79% from the base year, primarily due to the ongoing replacement of our diesel vehicle fleets with fully electric vehicles and Plug-in Hybrid electric vehicles. Total Scope 2 emissions accounted for 40 tCO ₂ e, a decrease of 21% from the base year, driven by a full transition to procured green electricity. |
| Reduce absolute scope 1 and 2 GHG emissions 90% by 2050 from a 2020 base year [LTABS1] | In 2024, we reduced our Scope 1&2 emissions by 70% against the base year. We will continue our efforts toward this long-term target. |
| Reduce scope 3 GHG emissions from purchased goods and services, capital goods, and use of sold products 51.60% per CHF value added by 2030 from a 2020 base year [INT1] | In 2024, emissions from scope 3 cat.1&cat.2&cat.11 totaled 6,475 tCO ₂ e, representing a 68% reduction from the base year. This decrease can be attributed to several factors: (1) we are consistently enhancing the resource efficiency of our products and solutions. In 2024, the average energy efficiency of our core ICT products had improved by 3-fold compared to 2019. (2) our largest supplier, Huawei Technologies, continues to pioneer investment and innovation in green data infrastructure. Through synergized technological advancements in both hardware and software, they achieve significant energy savings and emissions reduction. (3) commercial clients downstream used cleaner electricity while operating our products. |

| | |
|--|--|
| <p>Reduce scope 3 GHG emissions 97% per CHF value added by 2050 from a 2020 base year [LTINT1]</p> | <p>In 2024, emissions from scope 3 cat.1&cat.2&cat.11 totaled 6,475 tCO₂e, representing a 68% reduction from the base year. Moving forward, we are committed to achieving this long-term target by providing customers with more energy-efficient products and driving decarbonization across our supply chain.</p> |
| <p>Reach net-zero greenhouse gas emissions across the value chain by 2050 [NZ]</p> | <p>Achieving our net-zero ambition is directly tied to the fulfillment of our near-term targets (ABS1, INT1) and long-term targets (LTABS1, LTINT1). We are committed to systematically meeting each milestone, with the ultimate goal of neutralizing any residual emissions through carbon removals by 2050.</p> |



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