

VERIFICATION OPINION STATEMENT

TÜV SÜD Türkiye **Industry Service Division**

certifies that the GHG Assertion reported by

Arcelik A.S.

Arçelik A.Ş. Sütlüce, Karaağaç Cd No:2-6, 34445 Beyoğlu/İstanbul

Please see appendix for included sites & scope.

Contract No: 23-IS-0520a-34-C / 712925629

Report No: 24-GR-0283

An audit was performed and has a demonstrated that the requirements laid down by

ISO 14064-1:2018

are fulfilled.

Certificate and Appendix Registration No.: 24-SER-03478-IS_VOS

Issue Date: 25.07.2024

Revision date / Rev. No: 29.07.2024 / 01

Industry Service Division

24-SER- 03-47-8 No:FSU-003 Revision No / Date: 00 / 12:12:2023 Page: 1 / 3

APPENDIX

Base Year: 2022

Application Year: 2023

Categories opted for Demonstration:

□ Category 1 □ Category 2 □ Category 3 □ Category 4

Reporting Period: January 2023 to December 2023

| | Market-based emissions (tCO ₂ e) | Location-based emissions (tCO ₂ e) |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------|
| Category 1 – Direct GHG emission and removals: | 78,559 | 78,559 |
| Category 2 – Indirect GHG emissions from imported energy: | | 89,762 |
| Category 3 – Indirect GHG emissions from transportation: | 386,559 | 386,559 |
| Category 4 – Indirect GHG Emissions from products used by organization: | 4,989,990 | 4,989,990 |
| Category 5 – Category 5 – Indirect GHG Emissions associated with the use of organizations products: | 26,673,327 | 26,673,327 |
| Category 6 – Indirect GHG emissions from other sources: | 49,973 | 49,973 |
| Total: | 32,178,408 | 32,268,170 |

| Anthropogenic Non-Biogenic GHG Emissions | 32,268,084 |
|-----------------------------------------------|------------|
| Non-Anthropogenic Biogenic GHG Emissions | 83 |
| Anthropogenic Biogenic GHG Emissions | 3 |
| (biofuel mobile combustion outside of scopes) | |

| Project title | Annual Final Verification of GHG Assertion – Arçelik A.Ş. as per ISO 14064-1: 2018 and ISO 14064-3:2019 |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of the Client | Arçelik A.Ş. |
| Location | Sütlüce, Karaağaç Cd No:2-6, 34445 Beyoğlu/İstanbul |
| Base year | 2022 |
| Inventory year | 2023 |
| Reporting Period | 1 st January 2023 to 31 st December 2023 |
| Criteria | ISO 14064-1:2018 Greenhouse gases Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals |
| | ISO 14064-3:2019 Greenhouse gases Part 3: Specification with guidance for the verification and validation of greenhouse gas statements |

Objective: The objectives of this audit were to:

- To determine the extent of conformity of Arçelik A.Ş. GHG emissions report with the applicable verification criteria ISO 14064-3 — Category 1, Category 2, Category 3, Category 4, Category 5, and Category 6, including the principles and requirements of ISO 14064-1.
- To assess the completeness of the organization's GHG inventory of GHG emissions.
- Evaluate the organization's GHG information system and its controls/management in preparing emission report.
- Confirm whether the GHG assertion is without material and whether the verification activities provide the level of assurance agreed to at the beginning of the verification process.

Level of Assurance Achieved:

"Reasonable"

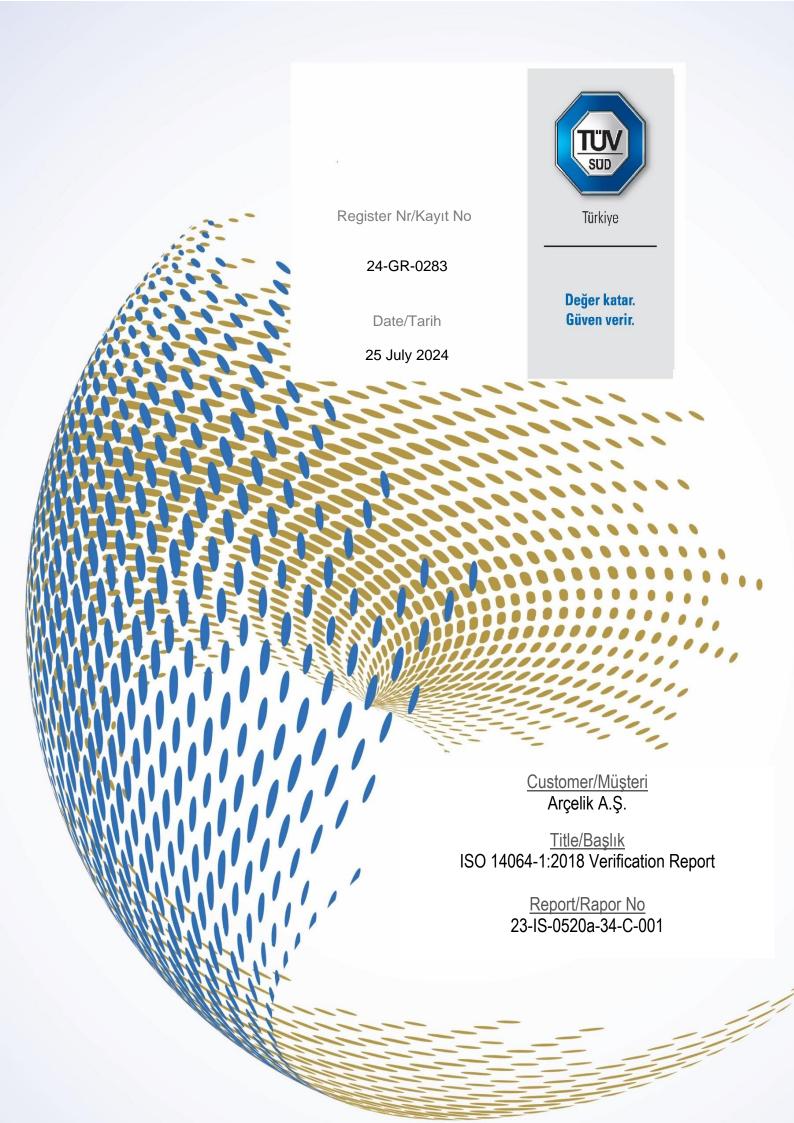
Conclusion on the GHG assertion, including any qualifications or limitations (hypothetical, projected and/or historical in nature):

Whether there is

| oxtimesl evidence that the GHG assertion is materially correct and fair representation | on |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|
| of the GHG data and information or that it has been prepared in accordance wi | ith |
| the related international standard on GHG quantification, monitoring ar reporting or to relevant national standards or practices. | |
| no evidence that the GHG assertion is materially correct and farepresentation of the GHG data and information or that it has not been prepare | |

in accordance with the related international standard on GHG quantification.

monitoring and reporting or to relevant national standards or practices.



TÜV SÜD TEKNİK GÜVENLİK VE KALİTE DENETİM Report/Rapor



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 Rev.
 00

 Offer Nr / Teklif No
 TGK Order Nr / Sipariş No
 Register Nr / Kayıt No

 23-IS-0520a-34-C
 712925629
 24 - GR - 0283

Report Title/Rapor Başlığı

ISO 14064-1:2018 Verification Report

Subject/Konu

Annual Verification of GHG Assertion - as per ISO 14064 1:2018 and ISO 14064-3:2019

Client/Müşteri : Arçelik A.Ş. Client's P.O. No./Contract No. : 23-IS- 0520a-34-C / 712925629 Müşteri Sip. No./ Sözleşme No : Head Office: Sütlüce, Karaağaç Cd No:2-6, 34445 Client's Address/Müşterinin Adresi Beyoğlu/İstanbul Prepared by/ Hazırlayan : Elif Odabaş Yeşilot Approved by/Onaylayan : Mehmet Kumru Department/Unit/Bölüm/Birim : Industry Service Date of Report Issued/Raporun Yayın Tarihi : 25/07/2024

| Revision | Date of Revision | Done by | Related Section | Reason |
|----------|------------------|---------|-----------------|--------|
| Revizyon | Revizyon Tarihi | Yapan | İlgili Kısım | Nedeni |
| 00 | - | - | - | - |

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| Date of Report Issued | 25.07.2024 | Prepared by/ Hazırlayan | Elif Odabas Yesilot | Approved by / Onavlavan | Mehmet Kumru |
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SUMMARY OF VERIFICATION

This report has been prepared regarding Arçelik's 2023 GHG inventory verification project.

Criteria: ISO 14064-1, ISO 14064-3

Inventory Period: 2023 (01.01.2023 - 31.12.2023)

Base year: 2022 (01.01.2022 - 31.12.2022)

Level of Assurance: "Reasonable"

Materiality threshold: 7%

Uncertainty level of inventory: 3.51%

| | Total emission verified: 32,268,170 tCO₂e | | |
|-------------------------|----------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------|
| Summary of Verification | Category | Market-based emissions (tCO ₂ e) | Location-based emissions (tCO ₂ e) |
| | Category 1 – Direct GHG Emission and Removals: | 78,559 | 78,559 |
| | Category 2 – Indirect GHG Emission from Imported Energy: | 0 | 89,762 |
| | Category 3 – Indirect GHG Emission from Transportation: | 386,559 | 386,559 |
| | Category 4 – Indirect GHG Emissions from Products used by Organization: | 4,989,990 | 4,989,990 |
| | Category 5 – Indirect GHG Emissions associated with the use of Organizations Products: | 26,673,327 | 26,673,327 |
| | Category 6 – Indirect GHG Emissions from Other Sources: | 49,973 | 49,973 |
| | Total | 32,178,408 | 32,268,170 |
| | Anthropogenic Non-Biogenic GHG En | nissions | 32,268,084 |
| | Non-Anthropogenic Biogenic GHG En | nissions | 83 |
| | Anthropogenic biogenic GHG emissio combustion outside of scopes) | ns (biofuel mobile | 3 |
| | Qualified Verification | | |
| | Adverse verification opinion (due to regulation and/or material misstate | | with |
| | Disclaimer of opinion. | | |

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| Date of Report Issued | 25 07 2024 | Dropored by/ Heardoven | Flif Odahas Vesilot | Approved by / Opaylavan | Mohmet Kumpu |
| Raporun Yayın Tarihi | 25.07.2024 | Frepareu by/ Haziriayari | Elli Ouabaş reşilüt | Approved by / Onaylayan | Wellifet Kullifu |

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Changes in the organization since last assessment

There is no significant change of the organization structure and key personnel involved in the audited management system.

No change in relation to the audited organization's activities, products or services covered by the scope of certification was identified.

There was no change to the reference or normative documents which is related to the scope of certification.

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Next Steps

NCR close out process

There were no outstanding nonconformities to review from previous assessments.

No new nonconformities were identified during the assessment. Enhanced detail relating to the overall assessment findings is contained within subsequent sections of the report.

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Verification objective, scope and criteria

Objective

The objectives of this audit were to:

- Confirm whether the GHG assertion is without material and whether the verification activities provide the level of assurance agreed to at the beginning of the verification process, and
- Determine the extent of conformity of Annual Final Verification of GHG Assertion –Arçelik A.Ş. as per ISO 14064-1:2018 and ISO 14064-3:2019.

Scope

The scope of the assessment is the documented management system with relation to the requirements of ISO 14064 and the defined assessment plan provided in terms of locations and areas of the system and organization to be assessed.

Criteria

ISO 14064-1:2018, ISO 14064-3:2019, Arçelik GHG management system documentation

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List of Participants

Date: 13/05/2024

Location: Sütlüce/İstanbul

| Name | Department/Position | Opening Meeting | Closing Meeting | Interviewed (processes) |
|--------------------|-------------------------------------------------------------------|--------------------|--------------------|-------------------------|
| Zeynep Özbek | Environment Manager | Х | Х | Х |
| Elif Özkan | Technical Leader-Environmental Sustainability | Х | Х | Х |
| Atahan Eyicil | Specialist-Environment | Х | Х | Х |
| Şevval Turan | Engineer-Environment | Х | Х | Х |
| Buğra Arslan | Engineer-Environment | Х | х | Х |
| Cansu Duman Öztürk | Senior Specialist -Environment, Production (Arçelik Eskişehir) | | | Х |

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Assessment Conclusion

TÜV SÜD Assessment Team

| Name | Position |
|---------------------|-------------|
| Mehmet Kumru | Team Leader |
| Elif Odabaş Yeşilot | Team Member |

Assessment conclusion and recommendation

As a result of the verification process, the opinion of TÜV SÜD with "reasonable" assurance is as follows:

Greenhouse gas emission is 32,268,170 tons CO₂ equivalent between 01/01/2023 and 31/12/2023.

Direct greenhouse gas emission is **78,559** tons CO₂e, Indirect greenhouse gas emission is **32,189,611** tons CO₂e.

| DIRECT GREENHOUSE GAS EMISSIONS | | | | | |
|-----------------------------------------------------------------------------------------------------|------------|-------|--|--|--|
| Category 1 – Direct GHG emission and removals: | 78,559 | tCO₂e | | | |
| INDIRECT GREENHOUSE GAS EM | ISSIONS | | | | |
| Category 2 – Indirect GHG emissions from imported energy*: | 89,762 | tCO₂e | | | |
| Market-based: 0 tCO₂e | | | | | |
| Location-based: 89,762 tCO₂e | | | | | |
| Category 3 – Indirect GHG emissions from transportation: | 386,559 | tCO₂e | | | |
| Category 4 – Indirect GHG Emissions from Products used by Organization: | 4,989,990 | tCO₂e | | | |
| Category 5 – Category 5 – Indirect GHG Emissions associated with the use of Organizations Products: | 26,673,327 | tCO₂e | | | |
| Category 6 – Indirect GHG Emissions from Other Sources: | 49,973 | tCO₂e | | | |
| TOTAL | 32,268,170 | tCO₂e | | | |

^{*}According to Arçelik's Category 2 calculation methodology, emissions for locations where energy consumption is certified as being sourced from renewable sources are reported as '0' under 'Category 2-market-based.' Besides, emissions resulting from energy supplied from the grid that is not certified as renewable are reported under 'Category 2-location-based.

| Anthropogenic Non-Biogenic GHG Emissions | 32,268,084 | tCO₂e |
|-----------------------------------------------------------------------------------|------------|-------|
| Non-Anthropogenic Biogenic GHG Emission (1.4 + 6.2) | 83 | tCO₂e |
| Anthropogenic biogenic GHG emission (biofuel mobile combustion outside of scopes) | 3 | tCO₂e |

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| Ranorun Yayın Tarihi | 20.01.2024 | Prepared by/ Hazirlayan | Elif Odabaş Yeşilot | Approved by / Onaylayan | Mennet Kunnu | |



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Verification Opinion: Verified as Satisfactory

The audit objectives have been achieved and the certificate scope remains appropriate. The audit team concludes based on the results of this audit that the organization does fulfil the standards and audit criteria identified within the audit report and it is deemed that the management system continues to achieve its intended outcomes.

Based on the process and procedures conducted, there is no evidence that the GHG report 2023 produced by Arçelik A.Ş.:

- is not materially correct and is not a fair representation of GHG data and information;
- has not been prepared in accordance with ISO14064-1:2018

Verification Activities:

The following were the verification activities undertaken:

- Evaluation of the monitoring and controls systems through interviewing employees observation & inquiry
- Verification of the data through sampling recalculation, retracing, cross checking, reconciliation

The quantification and reporting of the carbon footprint have been independently verified by TÜV SÜD against the specifications defined in ISO 14064-1:2018. The verification activity has been carried out in accordance with ISO 14064-3:2019.

Assurance level:

"Reasonable"

Materiality threshold:

The materiality required of this verification was considered by TÜV SÜD to be below 7% for direct and indirect emission coverage.

Uncertainty level of inventory: 3.51%

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Findings from this assessment

Organizational boundaries

Within the scope of the Greenhouse Gas Inventory, Arçelik has adopted a control approach to combine greenhouse gas emissions and removals.

Within this scope, 25 campus areas under the operational control of ARÇELİK, including headquarter in Turkey and production facilities in Turkey, Romania, Pakistan, South Africa, Thailand, China, India and Bangladesh are included. Arçelik's GHG inventory covers its joint ventures as of 2022.

Reporting Boundaries

Emissions generated during the operations are examined in 6 categories.

Category 1 - Direct GHG Emission and Removals:

- Stationary combustion
- Mobile combustion
- Chemicals
- Biological wastewater treatment plant

Category 2 - Indirect GHG Emission from Imported Energy:

• Purchased energy & renewable energy certificates

Category 3 – Indirect GHG Emission from Transportation:

- Product transportation (Downstream transportation)
- Raw material- Material transportation
- Business travels
- Employee commuting
- Downstream leased assets (warehouses)

Category 4 - Indirect GHG Emissions from Products used by Organization:

- Raw Materials and Materials Used in the Product
- Capital Goods

Category 5 – Indirect GHG Emissions associated with the use of Organizations Products:

Product use phase

Category 6 - Indirect GHG Emissions from Other Sources:

- Biological wastewater treatment plant (not own WTP)
- Product end of life
- Product packaging waste
- Production wastes
- Investments
- Fuel and Energy-related activities not included in Scope 1 or Scope 2

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Calculation Methodology

Calculation methodologies are mainly based on the IPCC Standard (2006 and 2019 versions). The emission factors of main GHGs are taken from IPCC AR6.

Since the "m3" values in the invoices are taken into account for natural gas consumption translations, the lower heating values of the energy sources are used. Natural gas and Fuel Oil No:4 sub-thermal values are taken from the Regulation on Increasing Efficiency in the Use of Energy Resources and Energy / Annex-2, Table of Sub-thermal Values of Energy Resources and Conversion Coefficients to Oil Equivalent.

Electricity emission factor is taken from "IEA 2022" data set. CO2, CH4 and N2O emission factors for enterprises using renewable energy were entered as "0" (zero) after confirmation from suppliers. Emissions for locations where energy consumption is certified as being sourced from renewable sources are calculated with an emission factor of "0" under "Category 2-market-based." Emissions resulting from energy supplied from the grid-where renewable certification is not provided- are reported under "Category 2-location-based" using the emission factor from the IEA.

The methodologies selected for Arçelik greenhouse gas emission sources, greenhouse gas emission calculations for each campus and campus-specific emission amounts have been prepared and consolidated on a campus basis. The method of determining greenhouse gas emission sources on a campus basis, data collection systematics, protection, consolidation, and review of information are specified in the campus greenhouse gas inventory instructions. The activity data of all campuses within the scope of the GHG emission inventory are digitally reported through the Qlik Sense Atlas Platform and GHG emissions are digitally calculated through the same platform. Emission factors and calculations are embedded in this digital platform.

Greenhouse gases covered include the six (6) greenhouse gases covered by the Kyoto Protocol ISO 14064-1:2018, which are;

CO2 carbon dioxide

CH4 methane

N2O nitrous oxide

HFCs hydrofluorocarbons

PFCs perfluorocarbons

SF6 sulphur hexafluoride

Excluded Emission Sources:

- Emissions from food and beverage vending machines, soft drink cabinets, water dispensers, bank branches, helicopter building, equipment not belonging to Arçelik within the campus area are excluded.
- Cafeteria, canteen services, bank branches and cleaning subcontractor services are excluded.

These activities use electricity from the same grid within the campus boundaries and their natural gas consumption is included in the campus consumption, but not invoiced separately. Since it is not possible to separate the consumption, greenhouse gas emissions from the energy consumed in these areas are included in the campus-wide greenhouse gas emissions.

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GHG Emissions by subcategories & locations

Total GHG emissions by subcategories is given below.

| GHG Emission Category | Arçelik Global Total | АННА | Arcelik | ArcelikLG | Arctic | BekoLLC | BekoThai | Dawlance | Defy | 물 | Singer | Voltbek |
|--------------------------------------------------------------------------|----------------------------|-----------|------------|-----------|-----------|---------|----------|-----------|-----------|-----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Category 1.1 – Stationary Combustion | 48,736 | 2,718 | 24,789 | 1,020 | 3,201 | 8,124 | 1 | 4,321 | 1,603 | 2,143 | 793 | 23 |
| Category 1.2 – Mobile Combustion | 8,938 | 548 | 4,330 | 185 | 1,430 | 768 | 281 | 328 | 820 | 79 | 98 | 70 |
| Category 1.3 - Chemicals | 20,850 | 151 | 3,769 | 8,293 | 798 | 19 | 409 | 6,161 | 249 | 545 | 217 | 240 |
| Category 1.4 own WTP | 35 | 12 | 17 | - | 0 | 5 | - | 0 | - | - | - | 1 |
| Category 2 – Purchased Energy | 89,762 | 19,174 | - | - | - | 8,776 | 3,012 | 7,902 | 21,194 | 19,480 | 1,067 | 9,156 |
| Category 3 – Downstream Transportation | 163,945 | 4,421 | 105,960 | 1,391 | 7,493 | 9,253 | 12,024 | 6,801 | 784 | 8,960 | 293 | 6,565 |
| Category 3 - Raw Material- Material Transportation | 101,539 | 406 | 61,042 | 13,162 | 9,906 | 4,149 | 676 | 438 | 5,038 | 5,064 | 730 | 929 |
| Category 3 – Business Travels | 3,758 | 317 | 2,008 | 112 | 77 | 237 | 28 | 298 | 296 | 78 | 29 | 278 |
| Category 3 – Employee Commuting | 87,018 | 867 | 52,443 | 2,820 | 8,146 | 10,950 | 8,472 | 3,217 | - | - | 34 | 69 |
| Category 3 – Downstream Leased Assests | 30,299 | - | - | - | - | - | - | - | - | - | - | - |
| Category 4 - Raw Materials and Materials Used in the Product | 4,726,308 | 456,432 | 2,812,766 | 253,192 | 454,682 | 200,609 | 25,883 | 98,829 | 113,729 | 224,285 | 47,130 | 38,770 |
| Category 4 - Capital Goods | 263,682 | - | - | - | - | - | - | - | - | - | - | - - ihi:02/28 |
| Category 5 – Product Use Phase | 26,673,327 | 2,926,028 | 15,233,539 | - | 1,538,952 | 952,807 | 282,322 | 1,232,423 | 1,974,230 | 1,283,066 | 579,928 | 670,032 |
| Category 6.1 Not own WTP | 48 | 1 | 37 | 1 | 1 | - | 1 | - | 2 | 4 | - | - FG-108 |
| Category 6.2 – Product end of life | 22,345 | 955 | 15,424 | 841 | 2,812 | 682 | 67 | 355 | 310 | 702 | 129 | - P94 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 - P04 |
| Category 6.3 - Product | 1,593 | 52 | 1,140 | 63 | 113 | 32 | 12 | 56 | 42 | 48 | 17 | 17 |

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| Packaging Waste | | | | | | | | | | | | |
|---------------------------------------------------------------------------------------|------------|-----------|------------|---------|-----------|-----------|---------|-----------|-----------|-----------|---------|---------|
| Category 6.4 - Production Wastes | 5,152 | 346 | 3,324 | 215 | - | 358 | 16 | 194 | 388 | 220 | 53 | 37 |
| Category 6.5 - Investments | 2,361 | - | - | - | - | - | - | - | - | - | - | - |
| Category 6.5 - Fuel- and Energy-Related Activities Not Included in Scope 1 or Scope 2 | 18,474 | - | - | - | - | - | - | - | - | - | - | - |
| Total emission (ton CO2e) | 32,268,170 | 3,412,431 | 18,320,588 | 281,294 | 2,027,611 | 1,196,769 | 333,203 | 1,361,321 | 2,118,685 | 1,544,674 | 630,518 | 726,257 |

| GHG Emission Category | Arçelik Global Total | АННА | Arcelik | ArcelikLG | Arctic | BekoLLC | ВекоТһаі | Dawlance | Defy | HP | Singer | Voltbek |
|-----------------------------------------------------------------------------------------------------|----------------------------|-----------|------------|-----------|-----------|-----------|----------|-----------|-----------|-----------|---------|---------|
| Anthropogenic Non-Biogenic GHG Emissions | 32,268,084 | 3,412,418 | 18,320,535 | 281,292 | 2,027,610 | 1,196,764 | 333,200 | 1,361,321 | 2,118,683 | 1,544,671 | 630,518 | 726,256 |
| Non- Anthropogenic Biogenic GHG Emission (1.4 + 6.2) | 83 | 13 | 54 | 1 | 1 | 5 | 1 | 0 | 2 | 4 | - | 1 |
| Anthropogenic biogenic GHG emission (biofuel mobile combustion outside of scopes) | 3 | - | - | - | - | - | 2 | - | - | - | - | - |
| Total (ton | 32,268,170 | | | • | | • | | | | | | |

CO2e) 32,268,170

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| Ranorun Yayın Tarihi | 20.01.2021 | | Lin Gaabay i Synot | onajiajan | monnot realing |



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Renewable energy certificates:

| Organization Name | Adress | Source | Consumption Volume (MWh) | Consumption Start Date | End Date |
|----------------------------------------------|---------------------------------|------------|-----------------------------|------------------------|------------|
| Arçelik A.Ş. Beylikdüzü Kampüs | Beylikdüzü / Istanbul-Avrupa | Hydropower | 3,881 | 1.01.2023 | 31.12.2023 |
| Arçelik A.Ş. Beylikdüzü Kampüs | Beylikdüzü / İstanbul-Avrupa | Hydropower | 520 | 1.01.2023 | 31.12.2023 |
| Arçelik A.Ş. Buzdolabı İşletmesi | Odunpazarı / Eskişehir | Hydropower | 71,147 | 1.01.2023 | 31.12.2023 |
| Arçelik A.Ş. Çamaşır Makinası İşletmesi | Tuzla / Istanbul- Asya | Hydropower | 46,366 | 1.01.2023 | 31.12.2023 |
| Arçelik A.Ş. Elektrik Motorları İşletmesi | Çerkezköy / Tekirdağ | Hydropower | 4,350 | 1.01.2023 | 31.12.2023 |
| Arçelik A.Ş. Elektronik İşletmesi | Çerkezköy / Tekirdağ | Hydropower | 10,056 | 1.01.2023 | 31.12.2023 |
| Arçelik A.Ş. Kurutucu İşletmesi | Çerkezköy / Tekirdağ | Hydropower | 7,538 | 1.01.2023 | 31.12.2023 |
| Arçelik A.Ş. Manisa Kampüs | Manisa Merkez / Manisa | Hydropower | 19,050 | 1.01.2023 | 31.12.2023 |
| Arçelik A.Ş. Pişirici Cihazlar İşletmesi | Bolu Merkez / Bolu | Hydropower | 28,061 | 1.01.2023 | 31.12.2023 |
| Arçelik A.Ş. Sütlüce Genel Müdürlük | Beyoğlu / Istanbul- Avrupa | Hydropower | 2,089 | 1.01.2023 | 31.12.2023 |
| Arçelik A.Ş. Bulaşık Makinası İşletmesi | Sincan / Ankara | Hydropower | 16,992 | 1.01.2023 | 31.12.2023 |
| Arçelik-LG Klima San. ve Tic. A.Ş | Gebze / Kocaeli | Hydropower | 10,079 | 1.01.2023 | 31.12.2023 |
| Arçelik Pazarlama A.Ş. | Beyoğlu / İstanbul- Avrupa | Hydropower | 1,353 | 1.01.2023 | 31.12.2023 |
| Artic Gaesti 2023 | | | 2,474.27 | | |
| Artic Ulmi 2023 | | | 1,045.81 | | |

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Findings

No new nonconformities were identified during the assessment. One area for improvement has been identified. The methodology used for distinguishing between location-based and market-based emissions in Category 2 can be reviewed in accordance with the GHG Protocol Scope 2 guidance.

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Appendix 1 – Verification Plan

| Contract No. | 23-IS-0520a-34-C / 712925629 |
|-------------------------|-------------------------------------------------------------------------------------|
| Audit Type: | Verification: |
| | Annual Verification of GHG Assertion - as per ISO 14064 1:2018 and ISO 14064-3:2019 |
| Criteria: | ISO 14064-1:2018 |
| | ISO 14064-3:2019 |
| Customer / Client: | Arçelik A.Ş. |
| Project Name: | Annual Verification of GHG Assertion - as per ISO 14064 1:2018 and ISO 14064-3:2019 |
| Project Contact Person: | Elif Özkan elif.ozkan@beko.com |
| Project Team: | Team leader/ Lead Verifier: Mehmet Kumru |
| | Val/Verifier: Elif Odabaş Yeşilot |
| Audit Date: | 13/05/2024 |
| Language: | Turkish |

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Appendix 2 – Emission Factors Reference List

| Category | EF Reference |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stationary combustion (Diesel, Fuel Oil, Natural Gas, LPG, Motor Gasoline) | IPCC 2006, Energy- SC- Table 2.3. |
| Mobile combustion (Diesel, Gasoline/Petrol, LPG, LNG, CNG, Biodiesel, Bioethanol, Diesel (comes from Biodiesel content), Gasoline/Petrol (comes from Bioethanol content), Lawn movers Diesel&Gasoline/Petrol, Bobcat Gasoline/Petrol&Diesel) | IPCC 2006, Energy- MC Table 3.2.1, Table 3.2.2 DEFRA 2022 |
| OD(Acetylene, Propane, CO2=(Argoshield), CO2- fire extinguisher, R134a ,R407a, R406a R407c, Butane, R404a, R410a, R227ea, R290, R22/HCFC22, R32/HFC32, R600, R600a, SF6 R450a, Industrial Oil | Aceytylene Stoiciometric Hesap:3.38 https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC_AR6_WGI_Chapter07_SM.pdf DEFRA 2022 v.2.0 Annex 4, Table 1, r450a, http://documents.worldbank.org/curated/en/86780148456019184_1/pdf/SFG2842-V2-EA-P152232-Box402872B-PUBLIC-Disclosed-1-12-2017.pdf |
| Electricity | • IEA 2022 |
| Heat & steam | Heat and Steam, Onsite&District, DEFRA 2022 v.2.0 |
| Renewable electricity production at site, Solar | Solar Renewable, Emission Factor=0 |
| Raw Materials and Materials Used in the Product | Ecoinvent, Simapro DEFRA 2022 v.2.0 EPA 2022, Table 8 |
| Downstream export & import logistics | • EPA 2022, Table 8 |
| Upstream export &import logistics | • EPA 2022, Table 8 |
| Business travels | DEFRA 2022 v.2.0 |
| Employee Commuting | DEFRA 2022 v.2.0 |

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Appendix 3 – Verification Protocol – corrective action requests, clarifications, reporter's response and verifier's conclusions

| Clarifications and corrective action requests by verification team | Reference criteria | Response by project/facility owner | Conclusion by Verification Team |
|--------------------------------------------------------------------|--------------------|------------------------------------|---------------------------------|
| - | - | - | - |

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