

## S2022 - Hitit Computer Services Corporate Carbon Footprint Report

|          |                                                                                                  |
|----------|--------------------------------------------------------------------------------------------------|
| Firm:    | Hitit Computer Services                                                                          |
| Address: | Resitpasa Mah. Katar Cad. No: 4/1 Ari Teknokent 2 Ic Kapi No: 601 34469 Maslak, Istanbul, Turkey |

|        |                                                                                                                                            |                            |                                                                                                                                                                   |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Goal:  | Calculation of greenhouse gas emissions in the operation limits as carbondioxide equivalent.                                               |                            |                                                                                                                                                                   |
| Scope: | -Direct Greenhouse Gas Emissions<br>-Indirect Greenhouse Gas Emissions due to Energy Purchased<br>-Other Indirect Greenhouse Gas Emissions | Organizational Boundaries: | Hitit Turkey Office<br>Hitit Pakistan Office                                                                                                                      |
|        |                                                                                                                                            | Reporting Boundaries:      | Direct greenhouse gas emissions reported within the organization's boundaries and indirect greenhouse gas emissions as a result of the organization's activities. |

|                                     |                                                                                 |                         |                                               |
|-------------------------------------|---------------------------------------------------------------------------------|-------------------------|-----------------------------------------------|
| System Boundary:                    | Control Method                                                                  | Base Year:              | 2022                                          |
| Industry:                           | Commercial                                                                      | Report Year:            | 2022                                          |
| Revenue in the reporting year (TL): | 311,102,695.00                                                                  | Reporting Period:       | 1 Year                                        |
| Data Entry:                         | Annual                                                                          | Reporting Frequency:    | 1 Year                                        |
| Number of Employees:                | 337 (Turkey)<br>3 (Pakistan)                                                    |                         |                                               |
| Production Volume:                  | -                                                                               |                         |                                               |
| Working days:                       | 251                                                                             | Area (m <sup>2</sup> ): | 1128 (Turkey Offices)<br>90 (Pakistan Office) |
| Global Warming Potentials           | IPCC 6th AR: CO <sub>2</sub> : 1; CH <sub>4</sub> : 27,9; N <sub>2</sub> O: 273 |                         |                                               |

| Carbon Footprint Results Information                                      |                                    |
|---------------------------------------------------------------------------|------------------------------------|
| Scope 1: Direct Greenhouse Gas Emissions                                  | 15.63 -ton CO <sub>2</sub> e       |
| Scope 2: Indirect Greenhouse Gas Emissions due to Energy – Location Based | 74.79 -ton CO <sub>2</sub> e       |
| Scope 2: Indirect Greenhouse Gas Emissions due to Energy – Market Based   | 74.79 -ton CO <sub>2</sub> e       |
| Scope 3 - Other Indirect Emissions                                        | 861.00 -ton CO <sub>2</sub> e      |
| Total Emission:                                                           | <b>951.42 -ton CO<sub>2</sub>e</b> |

|                             |          |
|-----------------------------|----------|
| Declaration Status:         | Internal |
| Intended use of the report: | Internal |

### About the Reporting Company

Hitit was founded in 1994 by two female entrepreneurs. The primary goal of the founders, who come from the aviation industry, and the mission of the company was to operate entirely with domestic capital, break free from external dependencies, and transform Turkey into a country that exports technology. Embracing this philosophy, Hitit specializes in providing next-generation airline and travel software solutions to companies in the airline and travel sectors, especially airline companies. The company offers software solutions under the Crane brand for various needs such as reservation, ticketing, check-in, passenger departure control, crew planning, loyalty management, revenue accounting, cost accounting, tariff planning, operation control, team planning, tour operator/charter management, comprehensive performance measurement, and cargo.

Producing 100% Turkish aviation solutions that enable millions of people to travel every year, Hitit has earned several awards, including Eastern Europe's Best Aviation Software Company, Europe's Leading Passenger Service System Provider, Best Airline Reporting System, Niche Technology Firm of the Year, "Turkey's Best Sectoral Software Company" in tourism, "Airline Software Organization of the Year," and "Aviation Technology Organization of the Year." Hitit, as of March 3, 2022, is listed on Borsa Istanbul with the ticker symbol HTTBT.

### About Semtrio Eğitim ve Danışmanlık Hiz. A.Ş.

Semtrio is an international company that provides high-level consultancy services to corporations in the fields of Environmental and Corporate Sustainability, with offices in Istanbul and London. Established in 2016 to realize zero emission targets, Semtrio has the titles of Turkey's largest sustainability company and B Corp company with the highest score today. We offer innovative sustainability solutions by evaluating the needs of sectors and companies with our expert team members and high-level consultancy services.

As a responsible company, we are proud to be a participant in the United Nations Global Compact, the largest corporate sustainability initiative in the world. We bear the title of Climate Positive Business and we zero all the carbon emissions we produce with our carbon offset projects. As a GRI Community member, we prepare sustainability reports in GRI standards.

We highly value nature, corporate transparency, innovation, equality, and our customers. We contribute to green transformation by supporting the transition to Industry 5.0 with our climate-tech solutions in the fight against climate change. We aim to make the world a more livable place by preventing global warming from exceeding 1.5 degrees with the latest technology solutions we have developed using the experience of our sustainability experts.

We provide strategic guidance to our customers on their zero-carbon journey within the framework of scientific-based objectives (SBT) based on international standards. Our mission is to be a company that inspires the industry in the field of climate technologies worldwide.

| Information on Personnel and Responsible Persons Involved in the Project |                 |                          |                                                                            |
|--------------------------------------------------------------------------|-----------------|--------------------------|----------------------------------------------------------------------------|
| Order                                                                    | Name Surname    | Title                    | Contact Information                                                        |
| 1                                                                        | Aras Kubilay    | Greenhouse Gas Rep.      | <a href="mailto:aras.kubilay@hititcs.com">aras.kubilay@hititcs.com</a>     |
| 2                                                                        | Sevgi Karaman   | Data Gathering Rep.      | <a href="mailto:sevgi.karaman@hititcs.com">sevgi.karaman@hititcs.com</a>   |
| 3                                                                        | Güvenç Aksoy    | Data Gathering Rep.      | <a href="mailto:guvenc.aksoy@hititcs.com">guvenc.aksoy@hititcs.com</a>     |
| 4                                                                        | Elif Nur Çetin  | Climate Strategy Advisor | <a href="mailto:elifcetin@semtrio.com">elifcetin@semtrio.com</a>           |
| 5                                                                        | Cennet Değirmen | Climate Strategy Advisor | <a href="mailto:cennetdegirmen@semtrio.com">cennetdegirmen@semtrio.com</a> |

## GHG Quantification Methodology

|                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Followed Standard:                                            | GHG Protocol: Guidance and specifications for calculating and reporting greenhouse gas emissions and removals at the corporate level                                                                                                                                                                                                                                                                                    |
| Allocation:                                                   | No data allocation was made.                                                                                                                                                                                                                                                                                                                                                                                            |
| Units:                                                        | Data for Scope 1 and 2 were taken into account as "kg", "m <sup>3</sup> ", "L" or "kWh". For this reason, consumption measurements recorded in different units are calculated using the density coefficients from DEFRA. Data for Scope 3 were taken into account as "kWh", "L", "m <sup>3</sup> ", "ton", "ton.km", "km" and unit conversions are made for relevant emission factors.                                  |
| Carbon Emission due to Burning of Biomass:                    | None                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Methodology Procedure:                                        | Presented in the Firm Greenhouse Gas Emission Determination and Evaluation Procedure.                                                                                                                                                                                                                                                                                                                                   |
| Greenhouse Gas Emission Reduction Studies (Guided Activities) | -                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Calculation Method:                                           | Calculation methods have been selected that minimize uncertainty and provide accurate, consistent, and repeatable results in the calculation of corporate greenhouse gas emissions. Since National Inventory Data was used for Electricity Tier 2 calculation method was used; as activity data was considered with Emission Factors taken from IPCC and DEFRA for all other calculations, Tier 1 calculation was used. |
| Calculation Formula:                                          | GHG Emission Amount (CO <sub>2</sub> e) = (Consumption Measurement) x (Emission Factor)                                                                                                                                                                                                                                                                                                                                 |
| Prioritization Analysis-Purchased Goods and Services          | The "cut-off rule" for Purchased Goods and Services is applied, and all purchases with a greenhouse gas emission share exceeding 1% and of high importance for the continuation of production are included in the inventory. Scope 3 Category 1 includes office purchases at relevant locations under the name of Purchased Goods and Services, and for Category 2 capital goods, asset lists are taken into account.   |
| Quantification Change:                                        | There was no change made to the calculation approach.                                                                                                                                                                                                                                                                                                                                                                   |
| Reporting Method:                                             | Reported in compliance with the GHG Protocol requirements.                                                                                                                                                                                                                                                                                                                                                              |
| Verification                                                  | -                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Verification Result                                           | -                                                                                                                                                                                                                                                                                                                                                                                                                       |

| Refrigerant Gas Leakage/Fugitive Ratios      |                |                                                                                                                 |
|----------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------|
| Type                                         | Fugitive Ratio | Reference                                                                                                       |
| AC                                           | %1             | IPCC (2006), Vol 3, Chapter 7, Table 7.9                                                                        |
| Chiller / Cooling Systems                    | %2             | IPCC (2006), Vol 3, Chapter 7, Table 7.9                                                                        |
| Refrigerator / Water Cooler                  | %0,1           | IPCC (2006), Vol 3, Chapter 7, Table 7.9                                                                        |
| Fire Extinguisher                            | %4             | IPCC Sixth Assessment Report, (AR 6th)                                                                          |
| FM200 Automatic Gaseous Extinguisher Systems | %2             | IPCC/TEAP Special Report: Safeguarding the Ozone Layer and the Global Climate System, Volume 9, Fire Protection |

| Emission Factors            |                                                                                                                                                                                                                  |                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Stationary Combustion       | IPCC 2006, Volume2, Chapter 2, Table 2.3 - Default Emission Factors for Stationary Combustion in Manufacturing Industries and Construction                                                                       | $EF (as 'kWh') = \frac{\text{Fuel's default content as } \frac{kg}{Tj}}{277777,78 kWh/Tj}$                       |
| Mobile Combustion – On Road | IPCC 2006, Volume2, Chapter 3, Table 3.2.1 - Road Transport Default CO <sub>2</sub> Emission Factors and Uncertainty Ranges & Table 3.2.2 - Road Transport N <sub>2</sub> O and CH <sub>4</sub> Default Emission | $EF (as 'kg') = \frac{(\text{Fuel's Default EF as } \frac{kg}{Tj}) \times (NCV as \frac{Tj}{Gg})}{1000000kg/Gg}$ |

|                                                 |                                                                                                                                                                                                                                       |                          |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
|                                                 | Factors and Uncertainty Ranges & IPCC 2006, Volume2, Chapter 3                                                                                                                                                                        |                          |
| CO2 Equivalent                                  | $CO_2 e = (CO_2 \times GWP(CO_2)) + (CH_4 \times GWP(CH_4)) + (N_2O \times (GWP(N_2O)))$                                                                                                                                              |                          |
| EF for Electricity                              | Electricity (Turkey): 0,440 kg CO2e/kWh                                                                                                                                                                                               | National Inventory, 2021 |
| Refrigerant Gas                                 | IPCC 6th AR 2023                                                                                                                                                                                                                      |                          |
| Fire Extinguisher                               | CO2 Leakage Ratio: IPCC Sixth Assessment Report, (AR 6 <sup>th</sup> )                                                                                                                                                                |                          |
| Capital Assets                                  | DEFRA 2023, Material Use                                                                                                                                                                                                              |                          |
| Well-to-tank (WTT)                              | DEFRA 2023, WTT-Fuels                                                                                                                                                                                                                 |                          |
| Electricity WTT and Transmission & Distribution | EPDK, 2022, National Average Loss Ratio<br>DEFRA 2023, Transmission and distribution, WTT- UK & overseas electricity                                                                                                                  |                          |
| Goods Transportation                            | DEFRA 2023, Freightng goods                                                                                                                                                                                                           |                          |
| Waste Transportation                            | DEFRA 2023, Freightng goods                                                                                                                                                                                                           |                          |
| Employee Commuting                              | <a href="https://theicct.org/sites/default/files/publications/EU-LCV-CO2-2030_ICCTupdate_20190123.pdf">https://theicct.org/sites/default/files/publications/EU-LCV-CO2-2030_ICCTupdate_20190123.pdf</a><br><i>EF: 0,209 kgCO2e/km</i> |                          |
| Business Travel, Flights                        | DEFRA 2023, Business travel- air, Co2nnectPro software                                                                                                                                                                                |                          |
| Water Consumption                               | DEFRA 2023, Water Supply                                                                                                                                                                                                              |                          |
| Water Treatment                                 | DEFRA 2023, Water Treatment                                                                                                                                                                                                           |                          |
| Waste                                           | DEFRA 2023, Waste Disposal                                                                                                                                                                                                            |                          |
| Net Calorific Value                             | IPCC 2006 Vol 2, Chapter 1 Table 1.2                                                                                                                                                                                                  |                          |

| Uncertainty Tracking Table                                                                                                                                                                                                                                                                                                                                                              |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Type                                                                                                                                                                                                                                                                                                                                                                                    | Uncertainty % |
| Natural Gas                                                                                                                                                                                                                                                                                                                                                                             | 3.0           |
| Diesel                                                                                                                                                                                                                                                                                                                                                                                  | 7.0           |
| LPG                                                                                                                                                                                                                                                                                                                                                                                     | 7.0           |
| Propane                                                                                                                                                                                                                                                                                                                                                                                 | 7.0           |
| Petrol                                                                                                                                                                                                                                                                                                                                                                                  | 7.0           |
| Gas Leakage                                                                                                                                                                                                                                                                                                                                                                             | 7.0           |
| Fire Extinguishers                                                                                                                                                                                                                                                                                                                                                                      | 7.0           |
| Electricity                                                                                                                                                                                                                                                                                                                                                                             | 3.5           |
| Raw Material Transportation                                                                                                                                                                                                                                                                                                                                                             | 7.0           |
| Waste Transportation                                                                                                                                                                                                                                                                                                                                                                    | 7.0           |
| Personnel Transportation                                                                                                                                                                                                                                                                                                                                                                | 7.0           |
| Work Travel                                                                                                                                                                                                                                                                                                                                                                             | 7.0           |
| Raw Material Usage                                                                                                                                                                                                                                                                                                                                                                      | 7.0           |
| Capital Assets                                                                                                                                                                                                                                                                                                                                                                          | 7.0           |
| Packaging Usage                                                                                                                                                                                                                                                                                                                                                                         | 7.0           |
| Waste                                                                                                                                                                                                                                                                                                                                                                                   | 7.0           |
| Water Supply                                                                                                                                                                                                                                                                                                                                                                            | 7.0           |
| Wastewater Treatment                                                                                                                                                                                                                                                                                                                                                                    | 7.0           |
| Catering Services                                                                                                                                                                                                                                                                                                                                                                       | 7.0           |
| Produce End of Life                                                                                                                                                                                                                                                                                                                                                                     | 7.0           |
| Electricity Transmission and Distribution                                                                                                                                                                                                                                                                                                                                               | 7.0           |
| Electricity WTT-Production                                                                                                                                                                                                                                                                                                                                                              | 7.0           |
| Electricity WTT- Transmission and Distribution                                                                                                                                                                                                                                                                                                                                          | 7.0           |
| WTT-Natural Gas                                                                                                                                                                                                                                                                                                                                                                         | 7.0           |
| WTT-LPG                                                                                                                                                                                                                                                                                                                                                                                 | 7.0           |
| WTT-Propane                                                                                                                                                                                                                                                                                                                                                                             | 7.0           |
| WTT-Diesel                                                                                                                                                                                                                                                                                                                                                                              | 7.0           |
| WTT-Petrol                                                                                                                                                                                                                                                                                                                                                                              | 7.0           |
| Uncertainty ratios were taken from the firm's own meters and from the ones mentioned in the GHG protocol. Uncertainty values for Electricity and Natural Gas were taken as the maximum values from the Measurement and Measuring Instruments Inspection Regulation. Confidence Interval except the Electricity and Natural Gas was taken as 93%, and uncertainty value was taken as 7%. |               |

| Uncertainty Calculations |                            |                                                                                                           |
|--------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------|
| Confidence Interval:     | % 93                       | Reference: IPCC, Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories |
| Uncertainty Methodology: | GHG Uncertainty Tool       |                                                                                                           |
| Calculated Uncertainty:  | Hitit Computer Services    | 4,99%                                                                                                     |
| Confidence Level:        | Reasonable Assurance Limit |                                                                                                           |

**Table 1: Hitit Computer Services 2022 Reporting Year – Greenhouse Gas Inventory List**

| Hitit Computer Services GHG Protocol 2022             |                                                                       |                              | Greenhouse Gas Inventory List |                                                                        |               |
|-------------------------------------------------------|-----------------------------------------------------------------------|------------------------------|-------------------------------|------------------------------------------------------------------------|---------------|
|                                                       |                                                                       |                              | First Publish Date            | 04/12/2023                                                             |               |
|                                                       |                                                                       |                              | Rev.Number/ Date:             | v.00                                                                   |               |
| Scope                                                 | Emission Type                                                         | Emission Source              | Reference of Activity Data    | Reference for Emission Factor                                          |               |
| <b>Scope 1:<br/>Direct GHG Emissions</b>              | Stationary Combustion                                                 | Natural Gas                  | Activity Data                 | IPCC, 2006                                                             | CO2, CH4, N2O |
|                                                       | Mobile Combustion - On Road                                           | Fuel Oil                     | Purchase Bills                | IPCC, 2006                                                             | CO2, CH4, N2O |
|                                                       | Fugitive Emissions                                                    | Refrigerant Gas Leaks        | Inventory List                | IPCC, 2006                                                             | CO2 eq        |
|                                                       | Fugitive Emissions                                                    | Fire Extinguishing Gas Leaks | Inventory List                | IPCC, 2006                                                             | CO2 eq        |
|                                                       |                                                                       |                              |                               |                                                                        |               |
| <b>Scope 2<br/>Electricity Indirect GHG Emissions</b> | Purchased Electricity                                                 |                              | Activity Data                 | Turkish Ministry of Energy and Natural Resources, 2021                 | CO2 eq        |
|                                                       | Purchased Heat and Cooling                                            |                              | Activity Data                 | IPCC, 2006                                                             | CO2 eq        |
|                                                       |                                                                       |                              |                               |                                                                        |               |
| <b>Scope 3<br/>Other Indirect GHG Emissions</b>       | Purchased goods and services                                          |                              | Purchase Bills                | DEFRA, 2023 / US EPA - USEEIO 2022 / European Environment Agency, 2020 | CO2 eq        |
|                                                       | Capital Goods                                                         |                              | Purchase Bills                | DEFRA, 2023                                                            | CO2 eq        |
|                                                       | Fuel and energy related activities not included in Scope 1 or Scope 2 |                              | Activity Data                 | DEFRA, 2023                                                            | CO2 eq        |
|                                                       |                                                                       |                              | Activity Data                 | DEFRA, 2023                                                            | CO2 eq        |
|                                                       | Upstream transportation and distribution                              |                              | Inventory List                | DEFRA, 2023                                                            | CO2 eq        |
|                                                       | Employee commuting                                                    |                              | Rotaban Service Data          | DEFRA, 2023                                                            | CO2 eq        |
|                                                       | Business travel                                                       |                              | Travel Agency Data            | DEFRA, 2023                                                            | CO2 eq        |
|                                                       | Downstream transportation and distribution                            |                              | Inventory List                | DEFRA, 2023                                                            | CO2 eq        |
|                                                       | Waste generated in operations                                         |                              | Waste Declaration Forms       | DEFRA, 2023                                                            | CO2 eq        |
|                                                       | Use of sold products                                                  |                              | Activity Data                 | Turkish Ministry of Energy and Natural Resources, 2021                 | CO2 eq        |

**Table 2: Hitit Computer Services 2022 Reporting Year – Greenhouse Gas Results**

| <b>Organization Preparing the Report: Semtrio Sürdürülebilirlik Danışmanlığı</b><br><b>Persons Responsible for the Report: Cennet Değirmen, Elif Nur Çetin</b><br><b>Report Period: 1 January 2022-31 December 2022</b><br><b>Organizational Boundaries: Türkiye Ofisleri (Teknokent Arı-2, Emirgan Ofis), Pakistan Ofis</b><br><b>Hitit Bilgisayar 2022 Greenhouse Gas Emissions</b> |                                                                                   |                                                                            |         |          |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------|----------|--------------------------|
| Scope                                                                                                                                                                                                                                                                                                                                                                                 | Emission Scope                                                                    | Emission Source                                                            | Türkiye | Pakistan | Total Emission, ton CO2e |
| Scope 1 - Direct Greenhouse Gas Emissions                                                                                                                                                                                                                                                                                                                                             | Stationary Combustion                                                             | Natural Gas                                                                | 2.76    | -        | 2.76                     |
|                                                                                                                                                                                                                                                                                                                                                                                       | Mobile Combustion (On Road)                                                       | Gasoline                                                                   | 2.67    | -        | 2.67                     |
|                                                                                                                                                                                                                                                                                                                                                                                       | Fugitive Emissions                                                                | Refrigerants                                                               | 0.04    | 10.15    | 10.19                    |
|                                                                                                                                                                                                                                                                                                                                                                                       | Fugitive Emissions                                                                | Fire Extinguishing Devices                                                 | 0.0002  | -        | 0.0002                   |
| Scope 2 - Energy-Indirect Greenhouse Gas Emissions                                                                                                                                                                                                                                                                                                                                    | Purchased Electricity (Location-Based)                                            |                                                                            | 40.49   | 8.73     | 49.22                    |
|                                                                                                                                                                                                                                                                                                                                                                                       | Purchased Heat Energy (Natural Gas-Teknokent)                                     |                                                                            | 25.02   | -        | 25.02                    |
|                                                                                                                                                                                                                                                                                                                                                                                       | Purchased Heat Energy (Generator-Teknokent)                                       |                                                                            | 0.55    | -        | 0.55                     |
| Scope 3 - Other Indirect Emissions                                                                                                                                                                                                                                                                                                                                                    | Category 1-Purchased Goods and Services                                           | Purchased Office Supplies & Data center and cloud services & Water Service | 200.91  | 0.04     | 200.95                   |
|                                                                                                                                                                                                                                                                                                                                                                                       | Category 2-Capital Goods                                                          | Fixed assets purchases (phones and computers)                              | 8.01    | -        | 8.01                     |
|                                                                                                                                                                                                                                                                                                                                                                                       | Category 3-Fuel- and Energy-Related Activities Not Included in Scope 1 or Scope 2 | Electric T&D                                                               | 9.71    | 2.10     | 11.81                    |
|                                                                                                                                                                                                                                                                                                                                                                                       | Category 3-Fuel- and Energy-Related Activities Not Included in Scope 1 or Scope 2 | Natural Gas and Diesel and Gasoline                                        | 5.62    | -        | 5.62                     |
|                                                                                                                                                                                                                                                                                                                                                                                       | Category 4-Upstream Transportation and Distribution                               | Transportation of fixed goods and office supplies                          | 0.07    | -        | 0.07                     |
|                                                                                                                                                                                                                                                                                                                                                                                       | Category 6-Business Travel                                                        |                                                                            | 535.02  | -        | 535.02                   |
|                                                                                                                                                                                                                                                                                                                                                                                       | Category 7-Employee Commuting                                                     |                                                                            | 4.05    | -        | 4.05                     |
|                                                                                                                                                                                                                                                                                                                                                                                       | Category 9-Downstream Transportation and Distribution                             |                                                                            | 0.01    | -        | 0.01                     |
|                                                                                                                                                                                                                                                                                                                                                                                       | Category 5-Waste Generated in Operations                                          |                                                                            | 0.05    | -        | 0.05                     |
|                                                                                                                                                                                                                                                                                                                                                                                       | Category 5-Waste Generated in Operations-Wastewater treatment                     |                                                                            | 0.33    | 0.04     | 0.37                     |
|                                                                                                                                                                                                                                                                                                                                                                                       | Category 11-Use of Sold Products                                                  |                                                                            | 95.04   | -        | 95.04                    |

|     |  |  |  |  |  |  |  |  |  |        |       |  |        |  |
|-----|--|--|--|--|--|--|--|--|--|--------|-------|--|--------|--|
|     |  |  |  |  |  |  |  |  |  |        |       |  |        |  |
| Sum |  |  |  |  |  |  |  |  |  | 930.36 | 21.05 |  | 951.42 |  |

| Location | GHG Scope                                          | Scope                       | Emission Source                       | Activity Data | Unit | Emission Factors | Unit of EF | EF CO2 | Ton CO2 | EF CH4  | Ton CH4  | EF N2O  | Ton N2O  | Carbon Footprint Ton-CO2e |
|----------|----------------------------------------------------|-----------------------------|---------------------------------------|---------------|------|------------------|------------|--------|---------|---------|----------|---------|----------|---------------------------|
| Turkey   | Scope 1 - Direct Greenhouse Gas Emissions          | Stationary Combustion       | Natural Gas                           | 1.426,41      | M3   | 1,94             | kgCO2e/M3  | 56,10  | 2,76    | 0,00100 | 0,00005  | 0,00010 | 0,00005  | 2,76                      |
| Turkey   | Scope 1 - Direct Greenhouse Gas Emissions          | Mobile Combustion (On Road) | Motor Gasoline - Uncontrolled         | 1.153,39      | LT   | 2,31             | kgCO2e/LT  | 69,30  | 2,60    | 0,03    | 0,0012   | 0,0032  | 0,0001   | 2,67                      |
| Turkey   | Scope 1 - Direct Greenhouse Gas Emissions          | Fugitive Emissions          | R-410A                                | 0,000038      | KG   | 2.255,50         | kgCO2e/KG  | -      | 0,00009 | -       | -        | -       | -        | 0,00009                   |
| Turkey   | Scope 1 - Direct Greenhouse Gas Emissions          | Fugitive Emissions          | R-407C                                | 0,02          | KG   | 1.907,93         | kgCO2e/KG  | -      | 0,04    | -       | -        | -       | -        | 0,04                      |
| Turkey   | Scope 1 - Direct Greenhouse Gas Emissions          | Fugitive Emissions          | CO2-carbondioxide                     | 0,20          | KG   | 1,00             | kgCO2e/KG  | -      | 0,00020 | -       | -        | -       | -        | 0,0002                    |
| Turkey   | Scope 2 - Energy-Indirect Greenhouse Gas Emissions | Purchased Electricity       | Electricity (Turkey) - Market Based   | 4.278,15      | kWh  | 0,44             | kgCO2e/kWh | -      | 1,88    | -       | -        | -       | -        | 1,88                      |
| Turkey   | Scope 2 - Energy-Indirect Greenhouse Gas Emissions | Purchased Electricity       | Electricity (Turkey) - Location Based | 4.278,15      | kWh  | 0,44             | kgCO2e/kWh | -      | 1,88    | -       | -        | -       | -        | 1,88                      |
| Turkey   | Scope 2 - Energy-Indirect Greenhouse Gas Emissions | Purchased Electricity       | Electricity (Turkey) - Market Based   | 87.734,00     | kWh  | 0,44             | kgCO2e/kWh | -      | 38,60   | -       | -        | -       | -        | 38,60                     |
| Turkey   | Scope 2 - Energy-Indirect Greenhouse Gas Emissions | Purchased Electricity       | Electricity (Turkey) - Location Based | 87.734,00     | kWh  | 0,44             | kgCO2e/kWh | -      | 38,60   | -       | -        | -       | -        | 38,60                     |
| Turkey   | Scope 2 - Energy-Indirect Greenhouse Gas Emissions | Heat and Steam              | Specific to Company                   | 123.762,77    | kWh  | 0,20             | kgCO2e/kWh | -      | 0,02    | -       | 0,0001   | -       | 0,0001   | 25,02                     |
| Turkey   | Scope 2 - Energy-Indirect Greenhouse Gas Emissions | Heat and Steam              | Specific to Company                   | 2.046,60      | kWh  | 0,27             | kgCO2e/kWh | -      | 0,0004  | -       | 0,000002 | -       | 0,000002 | 0,55                      |

|        |                                                                                              |                                          |                                 |            |     |       |               |       |        |   |   |   |   |        |
|--------|----------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------|------------|-----|-------|---------------|-------|--------|---|---|---|---|--------|
| Turkey | Scope 3;Category 1-Purchased Goods and Services                                              | Purchased Goods and Services             | Office Purchases                | 3.949,14   | USD | 0,03  | kgCO2e/USD    | 0,03  | 0,14   | - | - | - | - | 0,14   |
| Turkey | Scope 3;Category 1-Purchased Goods and Services                                              | Purchased Goods and Services             | Office Purchases (Paper)        | 451,71     | USD | 0,39  | kgCO2e/USD    | 0,39  | 0,18   | - | - | - | - | 0,18   |
| Turkey | Scope 3;Category 1-Purchased Goods and Services                                              | Purchased Goods and Services             | Cloud Service - Belgium         | 72.083,83  | kWh | 0,17  | kgCO2e/kWh    | 0,17  | 12,04  | - | - | - | - | 12,04  |
| Turkey | Scope 3;Category 1-Purchased Goods and Services                                              | Purchased Goods and Services             | Cloud Service - Germany         | 76.942,55  | kWh | 0,31  | kgCO2e/kWh    | 0,31  | 24,16  | - | - | - | - | 24,16  |
| Turkey | Scope 3;Category 1-Purchased Goods and Services                                              | Purchased Goods and Services             | Data Center Service             | 22.898,80  | kWh | 0,44  | kgCO2e/kWh    | 0,44  | 10,08  | - | - | - | - | 10,08  |
| Turkey | Scope 3;Category 1-Purchased Goods and Services                                              | Purchased Goods and Services             | Data Center Service             | 350.000,00 | kWh | 0,44  | kgCO2e/kWh    | 0,44  | 154,00 | - | - | - | - | 154,00 |
| Turkey | Scope 3 ; Category 2-Capital Goods                                                           | Capital Goods                            | Electronic Product              | 314,04     | KG  | 24,87 | kgCO2e/KG     | 24,87 | 7,81   | - | - | - | - | 7,81   |
| Turkey | Scope 3 ; Category 2-Capital Goods                                                           | Capital Goods                            | Electronic Product              | 8,27       | KG  | 24,87 | kgCO2e/KG     | 24,87 | 0,21   | - | - | - | - | 0,21   |
| Turkey | Scope 3;Category 3-Fuel- and Energy-Related Activities<br>Not Included in Scope 1 or Scope 2 | Other Business Rules                     | WTT - Electricity Generation    | 92.012,15  | kWh | 0,05  | kgCO2e/kWh    | 0,05  | 4,22   | - | - | - | - | 4,22   |
| Turkey | Scope 3;Category 3-Fuel- and Energy-Related Activities<br>Not Included in Scope 1 or Scope 2 | Other Business Rules                     | WTT - Transmission&Distribution | 92.012,15  | kWh | 0,004 | kgCO2e/kWh    | 0,004 | 0,37   | - | - | - | - | 0,37   |
| Turkey | Scope 3;Category 3-Fuel- and Energy-Related Activities<br>Not Included in Scope 1 or Scope 2 | Other Business Rules                     | Elektric T&D                    | 92.012,15  | kWh | 0,06  | kgCO2e/kWh    | 0,06  | 5,13   | - | - | - | - | 5,13   |
| Turkey | Scope 3;Category 3-Fuel- and Energy-Related Activities<br>Not Included in Scope 1 or Scope 2 | Other Business Rules                     | WTT - Natural Gas               | 14.318,37  | M3  | 0,34  | kgCO2e/M3     | 0,34  | 4,82   | - | - | - | - | 4,82   |
| Turkey | Scope 3;Category 3-Fuel- and Energy-Related Activities<br>Not Included in Scope 1 or Scope 2 | Other Business Rules                     | WTT - Motorin                   | 206,44     | LT  | 0,61  | kgCO2e/LT     | 0,61  | 0,13   | - | - | - | - | 0,13   |
| Turkey | Scope 3;Category 3-Fuel- and Energy-Related Activities<br>Not Included in Scope 1 or Scope 2 | Other Business Rules                     | WTT - Gasoline                  | 1.153,39   | LT  | 0,58  | kgCO2e/LT     | 0,58  | 0,67   | - | - | - | - | 0,67   |
| Turkey | Scope 3; Category 4-Upstream Transportation and Distribution                                 | Upstream Transportation and Distribution | Vans - Average - Unknown        | 287,90     | km  | 0,23  | kgCO2e/ton.km | -     | 0,07   | - | - | - | - | 0,07   |

|          |                                                                 |                                            |                          |              |        |          |                            |      |        |   |   |   |   |        |
|----------|-----------------------------------------------------------------|--------------------------------------------|--------------------------|--------------|--------|----------|----------------------------|------|--------|---|---|---|---|--------|
| Turkey   | Scope 3; Category 4-Upstream Transportation and Distribution    | Upstream Transportation and Distribution   | Vans - Average - Unknown | 4,42         | ton.km | 0,61     | kgCO <sub>2</sub> e/ton.km | -    | 0,0027 | - | - | - | - | 0,0027 |
| Turkey   | Scope 3 ; Category 9-Downstream Transportation and Distribution | Downstream Transportation and Distribution | Vans - Average - Unknown | 20,33        | ton.km | 0,58     | kgCO <sub>2</sub> e/ton.km | 0,58 | 0,01   | - | - | - | - | 0,01   |
| Turkey   | Scope 3 ; Category 9-Downstream Transportation and Distribution | Downstream Transportation and Distribution | Vans - Average - Unknown | 0,93         | ton.km | 0,58     | kgCO <sub>2</sub> e/ton.km | 0,58 | 0,0005 | - | - | - | - | 0,0005 |
| Turkey   | Scope 3 ; Category 9-Downstream Transportation and Distribution | Downstream Transportation and Distribution | Vans - Average - Unknown | 2,34         | ton.km | 0,58     | kgCO <sub>2</sub> e/ton.km | 0,58 | 0,0013 | - | - | - | - | 0,001  |
| Turkey   | Scope 3; Category 7-Employee Commuting                          | Employee Commuting                         | Employee Services (ICCT) | 19.396,00    | km     | 0,21     | kgCO <sub>2</sub> e/km     | 0,21 | 4,05   | - | - | - | - | 4,05   |
| Turkey   | Scope 3 ; Category 6-Business Travel                            | Business Travel                            | Business Travel (airway) | 575.149,73   | km     | 0,19     | kgCO <sub>2</sub> e/km     | -    | 106,93 | - | - | - | - | 106,93 |
| Turkey   | Scope 3 ; Category 6-Business Travel                            | Business Travel                            | Business Travel (airway) | 1.638.440,09 | km     | 0,26     | kgCO <sub>2</sub> e/km     | -    | 428,09 | - | - | - | - | 428,09 |
| Turkey   | Scope 3; Category 1-Purchased Goods and Services                | Water Supply                               | Water Supply             | 1.775,54     | M3     | 0,18     | kgCO <sub>2</sub> e/M3     | -    | 0,31   | - | - | - | - | 0,31   |
| Turkey   | Scope 3; Category 1-Purchased Goods and Services                | Water Supply                               | Water Supply             | 51,00        | M3     | 0,18     | kgCO <sub>2</sub> e/M3     | -    | 0,01   | - | - | - | - | 0,01   |
| Turkey   | Scope 3; Category 5-Waste Generated in Operations               | Water Treatment                            | Waste Water Treatment    | 1.597,99     | M3     | 0,20     | kgCO <sub>2</sub> e/M3     | -    | 0,32   | - | - | - | - | 0,32   |
| Turkey   | Scope 3; Category 5-Waste Generated in Operations               | Water Treatment                            | Waste Water Treatment    | 45,90        | M3     | 0,20     | kgCO <sub>2</sub> e/M3     | -    | 0,01   | - | - | - | - | 0,01   |
| Turkey   | Scope 3; Category 5-Waste Generated in Operations               | Waste Disposal                             | Paper (Mixed)            | 1.954,60     | KG     | 0,02     | kgCO <sub>2</sub> e/KG     | 0,02 | 0,04   | - | - | - | - | 0,04   |
| Turkey   | Scope 3; Category 5-Waste Generated in Operations               | Waste Disposal                             | Plastic (Mixed)          | 89,87        | KG     | 0,02     | kgCO <sub>2</sub> e/KG     | 0,02 | 0,0019 | - | - | - | - | 0,00   |
| Turkey   | Scope 3; Category 5-Waste Generated in Operations               | Waste Disposal                             | Batteries                | 224,67       | KG     | 0,02     | kgCO <sub>2</sub> e/KG     | 0,02 | 0,0048 | - | - | - | - | 0,00   |
| Turkey   | Scope 3;Category 11-Use of Sold Products                        | Use of Sold Products                       | Software Usage           | 216.000,00   | kWh    | 0,44     | kgCO <sub>2</sub> e/kWh    | 0,44 | 95,04  | - | - | - | - | 95,04  |
| Pakistan | Scope 1 - Direct Greenhouse Gas Emissions                       | Fugitive Emissions                         | R-410A                   | 4,50         | KG     | 2.255,50 | kgCO <sub>2</sub> e/KG     | -    | 10,15  | - | - | - | - | 10,15  |



|               |                                                                                              |                      |                                      |           |     |      |            |       |      |   |   |   |   |               |
|---------------|----------------------------------------------------------------------------------------------|----------------------|--------------------------------------|-----------|-----|------|------------|-------|------|---|---|---|---|---------------|
| Pakistan      | Scope 2 - Energy-Indirect Greenhouse Gas Emissions                                           | Electricity          | Specific to Company – Market Based   | 19.845,95 | kWh | 0,44 | kgCO2e/kWh | -     | 8,73 | - | - | - | - | 8,73          |
| Pakistan      | Scope 2 - Energy-Indirect Greenhouse Gas Emissions                                           | Electricity          | Specific to Company – Location Based | 19.845,95 | kWh | 0,44 | kgCO2e/kWh | -     | 8,73 | - | - | - | - | 8,73          |
| Pakistan      | Scope 3;Category 3-Fuel- and Energy-Related Activities<br>Not Included in Scope 1 or Scope 2 | Other Business Rules | Elektric T&D                         | 19.845,95 | kWh | 0,06 | kgCO2e/kWh | 0,06  | 1,11 | - | - | - | - | 1,11          |
| Pakistan      | Scope 3;Category 3-Fuel- and Energy-Related Activities<br>Not Included in Scope 1 or Scope 2 | Other Business Rules | WTT - Electricity Generation         | 19.845,95 | kWh | 0,05 | kgCO2e/kWh | 0,05  | 0,91 | - | - | - | - | 0,91          |
| Pakistan      | Scope 3;Category 3-Fuel- and Energy-Related Activities<br>Not Included in Scope 1 or Scope 2 | Other Business Rules | WTT - Transmission&Distribution      | 19.845,95 | kWh | 0,00 | kgCO2e/kWh | 0,004 | 0,08 | - | - | - | - | 0,08          |
| Pakistan      | Scope 3; Category 1-Purchased Goods and Services                                             | Water Supply         | Water Supply                         | 15,13     | M3  | 0,18 | kgCO2e/M3  | -     | 0,04 | - | - | - | - | 0,04          |
| Pakistan      | Scope 3; Category 5-Waste Generated in Operations                                            | Water Treatment      | Waste Water Treatment                | 193,62    | M3  | 0,20 | kgCO2e/M3  | -     | 0,04 | - | - | - | - | 0,04          |
| <b>Total:</b> |                                                                                              |                      |                                      |           |     |      |            |       |      |   |   |   |   | <b>951,42</b> |

**Table 3: Hitit Computer Services 2022 Reporting Year – Greenhouse Gas Emission Sources Uncertainty Tracking Calculations**

| Location | Scope                                      | Emission Source              | Activity Data | Unit   | Uncertainty, Activity Data % | EF       | Uncertainty, EF % | CO2 kg     | CO2 ton | Common Uncertainty | Auxiliary Variable 1 | Auxiliary Variable 2 |
|----------|--------------------------------------------|------------------------------|---------------|--------|------------------------------|----------|-------------------|------------|---------|--------------------|----------------------|----------------------|
| Turkey   | Stationary Combustion                      | Natural Gas                  | 1.426,41      | M3     | 7,00                         | 1,94     | 7,00              | 2.764,90   | 2,76    | 9,90               | 27,37                | 749,26               |
| Turkey   | Mobile Combustion (On Road)                | Motor Gasoline -Uncontrolled | 1.153,39      | LT     | 7,00                         | 2,31     | 7,00              | 2.669,94   | 2,67    | 9,90               | 26,43                | 698,67               |
| Turkey   | Fugitive Emissions                         | R-410A                       | 0,00          | KG     | 7,00                         | 2.255,50 | 7,00              | 0,09       | 0,00    | 9,90               | 0,00                 | 0,00                 |
| Turkey   | Fugitive Emissions                         | R-407C                       | 0,02          | KG     | 7,00                         | 1.907,93 | 7,00              | 41,97      | 0,04    | 9,90               | 0,42                 | 0,17                 |
| Turkey   | Fugitive Emissions                         | CO2-carbondioxide            | 0,20          | KG     | 7,00                         | 1,00     | 7,00              | 0,20       | 0,00    | 9,90               | 0,00                 | 0,00                 |
| Turkey   | Purchased Electricity                      | Electricity (Turkey)         | 4.278,15      | kWh    | 3,50                         | 0,44     | 7,00              | 1.882,39   | 1,88    | 7,80               | 14,68                | 215,58               |
| Turkey   | Purchased Electricity                      | Electricity (Turkey)         | 87.734,00     | kWh    | 3,50                         | 0,44     | 7,00              | 38.602,96  | 38,60   | 7,80               | 301,10               | 90.663,07            |
| Turkey   | Heat and Steam                             | Specific to Company          | 123.762,77    | kWh    | 7,00                         | 0,20     | 7,00              | 25.019,76  | 25,02   | 9,90               | 247,70               | 61.353,11            |
| Turkey   | Heat and Steam                             | Specific to Company          | 2.046,60      | kWh    | 7,00                         | 0,27     | 7,00              | 547,77     | 0,55    | 9,90               | 5,42                 | 29,41                |
| Turkey   | Purchased Goods and Services               | Ofis Satın Alımları          | 3.949,14      | USD    | 7,00                         | 0,03     | 7,00              | 135,06     | 0,14    | 9,90               | 1,34                 | 1,79                 |
| Turkey   | Purchased Goods and Services               | Ofis Satın Alımları (kağıt)  | 451,71        | USD    | 7,00                         | 0,39     | 7,00              | 178,22     | 0,18    | 9,90               | 1,76                 | 3,11                 |
| Turkey   | Purchased Goods and Services               | Bulut Hizmeti - Belçika      | 72.083,83     | kWh    | 7,00                         | 0,17     | 7,00              | 12.038,00  | 12,04   | 9,90               | 119,18               | 14.202,97            |
| Turkey   | Purchased Goods and Services               | Bulut Hizmeti - Almanya      | 76.942,55     | kWh    | 7,00                         | 0,31     | 7,00              | 24.159,96  | 24,16   | 9,90               | 239,18               | 57.208,80            |
| Turkey   | Purchased Goods and Services               | Veri Merkezi Hizmeti         | 22.898,80     | kWh    | 7,00                         | 0,44     | 7,00              | 10.075,47  | 10,08   | 9,90               | 99,75                | 9.949,50             |
| Turkey   | Purchased Goods and Services               | Veri Merkezi Hizmeti         | 350.000,00    | kWh    | 7,00                         | 0,44     | 7,00              | 154.000,00 | 154,00  | 9,90               | 1.524,60             | 2.324.405,16         |
| Turkey   | Capital Goods                              | Elektronik Ürün              | 314,04        | KG     | 7,00                         | 24,87    | 7,00              | 7.808,76   | 7,81    | 9,90               | 77,31                | 5.976,32             |
| Turkey   | Capital Goods                              | Elektronik Ürün              | 8,27          | KG     | 7,00                         | 24,87    | 7,00              | 205,64     | 0,21    | 9,90               | 2,04                 | 4,14                 |
| Turkey   | Other Business Rules                       | WTT - Elektrik Üretim        | 92.012,15     | kWh    | 7,00                         | 0,05     | 7,00              | 4.223,36   | 4,22    | 9,90               | 41,81                | 1.748,18             |
| Turkey   | Other Business Rules                       | WTT - İletim&Dağıtım         | 92.012,15     | kWh    | 7,00                         | 0,00     | 7,00              | 365,29     | 0,37    | 9,90               | 3,62                 | 13,08                |
| Turkey   | Other Business Rules                       | Elektrik T&D                 | 92.012,15     | kWh    | 7,00                         | 0,06     | 7,00              | 5.125,44   | 5,13    | 9,90               | 50,74                | 2.574,74             |
| Turkey   | Other Business Rules                       | WTT - Doğalgaz               | 14.318,37     | M3     | 7,00                         | 0,34     | 7,00              | 4.819,56   | 4,82    | 9,90               | 47,71                | 2.276,59             |
| Turkey   | Other Business Rules                       | WTT - Motorin                | 206,44        | LT     | 7,00                         | 0,61     | 7,00              | 126,14     | 0,13    | 9,90               | 1,25                 | 1,56                 |
| Turkey   | Other Business Rules                       | WTT - Benzin                 | 1.153,39      | LT     | 7,00                         | 0,58     | 7,00              | 670,05     | 0,67    | 9,90               | 6,63                 | 44,00                |
| Turkey   | Upstream Transportation and Distribution   | Vans - Average - Unknown     | 287,90        | km     | 7,00                         | 0,23     | 7,00              | 66,32      | 0,07    | 9,90               | 0,66                 | 0,43                 |
| Turkey   | Upstream Transportation and Distribution   | Vans - Average - Unknown     | 4,42          | ton.km | 7,00                         | 0,61     | 7,00              | 2,68       | 0,00    | 9,90               | 0,03                 | 0,00                 |
| Turkey   | Downstream Transportation and Distribution | Vans - Average - Unknown     | 20,33         | ton.km | 7,00                         | 0,58     | 7,00              | 11,69      | 0,01    | 9,90               | 0,12                 | 0,01                 |
| Turkey   | Downstream Transportation and Distribution | Vans - Average - Unknown     | 0,93          | ton.km | 7,00                         | 0,58     | 7,00              | 0,54       | 0,00    | 9,90               | 0,01                 | 0,00                 |
| Turkey   | Downstream Transportation and Distribution | Vans - Average - Unknown     | 2,34          | ton.km | 7,00                         | 0,58     | 7,00              | 1,34       | 0,00    | 9,90               | 0,01                 | 0,00                 |
| Turkey   | Employee Commuting                         | Employee Services (ICCT)     | 19.396,00     | km     | 7,00                         | 0,21     | 7,00              | 4.053,76   | 4,05    | 9,90               | 40,13                | 1.610,60             |
| Turkey   | Business Travel                            | Business Travel (airway)     | 575.149,73    | km     | 7,00                         | 0,19     | 7,00              | 106.930,19 | 106,93  | 9,90               | 1.058,61             | 1.120.652,81         |
| Turkey   | Business Travel                            | Business Travel (airway)     | 1.638.440,09  | km     | 7,00                         | 0,26     | 7,00              | 428.092,65 | 428,09  | 9,90               | 4.238,12             | 17.961.637,91        |
| Turkey   | Water Supply                               | Water Supply                 | 1.775,54      | M3     | 7,00                         | 0,18     | 7,00              | 313,70     | 0,31    | 9,90               | 3,11                 | 9,65                 |
| Turkey   | Water Supply                               | Water Supply                 | 51,00         | M3     | 7,00                         | 0,18     | 7,00              | 9,01       | 0,01    | 9,90               | 0,09                 | 0,01                 |
| Turkey   | Water Treatment                            | Waste Water Treatment        | 1.597,99      | M3     | 7,00                         | 0,20     | 7,00              | 321,71     | 0,32    | 9,90               | 3,18                 | 10,14                |
| Turkey   | Water Treatment                            | Waste Water Treatment        | 45,90         | M3     | 7,00                         | 0,20     | 7,00              | 9,24       | 0,01    | 9,90               | 0,09                 | 0,01                 |
| Turkey   | Waste Disposal                             | Paper (Mixed)                | 1.954,60      | KG     | 7,00                         | 0,02     | 7,00              | 41,60      | 0,04    | 9,90               | 0,41                 | 0,17                 |
| Turkey   | Waste Disposal                             | Plastic (Mixed)              | 89,87         | KG     | 7,00                         | 0,02     | 7,00              | 1,91       | 0,00    | 9,90               | 0,02                 | 0,00                 |
| Turkey   | Waste Disposal                             | Batteries                    | 224,67        | KG     | 7,00                         | 0,02     | 7,00              | 4,78       | 0,00    | 9,90               | 0,05                 | 0,00                 |
| Turkey   | Use of Sold Products                       | Yazılım Kullanımı            | 216.000,00    | kWh    | 7,00                         | 0,44     | 7,00              | 95.040,00  | 95,04   | 9,90               | 940,90               | 885.285,28           |

| Location                       | Scope                | Emission Source       | Activity Data | Unit | Uncertainty, Activity Data % | EF       | Uncertainty, EF % | CO2 kg    | CO2 ton | Common Uncertainty | Auxiliary Variable 1 | Auxiliary Variable 2 |
|--------------------------------|----------------------|-----------------------|---------------|------|------------------------------|----------|-------------------|-----------|---------|--------------------|----------------------|----------------------|
| Pakistan                       | Fugitive Emissions   | R-410A                | 4,50          | KG   | 7,00                         | 2.255,50 | 7,00              | 10.149,75 | 10,15   | 9,90               | 100,48               | 10.096,74            |
| Pakistan                       | Electricity          | Specific to Company   | 19.845,95     | kWh  | 3,50                         | 0,44     | 7,00              | 8.732,22  | 8,73    | 7,80               | 68,11                | 4.639,15             |
| Pakistan                       | Other Business Rules | Elektrik T&D          | 19.845,95     | kWh  | 7,00                         | 0,06     | 7,00              | 1.105,50  | 1,11    | 9,90               | 10,94                | 119,78               |
| Pakistan                       | Other Business Rules | WTT - Elektrik Üretim | 19.845,95     | kWh  | 7,00                         | 0,05     | 7,00              | 910,93    | 0,91    | 9,90               | 9,02                 | 81,33                |
| Pakistan                       | Other Business Rules | WTT - İletim&Dağıtım  | 19.845,95     | kWh  | 7,00                         | 0,00     | 7,00              | 78,79     | 0,08    | 9,90               | 0,78                 | 0,61                 |
| Pakistan                       | Water Supply         | Water Supply          | 215,13        | M3   | 7,00                         | 0,18     | 7,00              | 38,01     | 0,04    | 9,90               | 0,38                 | 0,14                 |
| Pakistan                       | Water Treatment      | Waste Water Treatment | 193,62        | M3   | 7,00                         | 0,20     | 7,00              | 38,98     | 0,04    | 9,90               | 0,39                 | 0,15                 |
| <b>Cumulative Uncertainty:</b> |                      |                       |               |      |                              |          |                   |           |         |                    |                      | <b>4,99</b>          |

### Fuel Density Unit Conversions

| General Use Fossil Fuels          | Density – kg/m <sup>3</sup> | Density – liters/ton |
|-----------------------------------|-----------------------------|----------------------|
| Airplane Fuel                     | 729.93                      | 1,370.00             |
| Airplane Turbine Fuel             | 800.00                      | 1,250.00             |
| Coal (Domestic)                   | 850.00                      | 1,176.00             |
| Diesel                            | 843.17                      | 1,186.00             |
| Diesel (Average Biodiesel Mix)    | 846.17                      | 1,181.80             |
| Fuel-oil                          | 983.28                      | 1,017.00             |
| Gas Oil                           | 853.97                      | 1,171.00             |
| LPG                               | 529.75                      | 1,887.69             |
| Natural Gas                       | 0.80                        | 1,255,833.57         |
| Other Petrol Gas                  | 366.30                      | 2,730.00             |
| Petrol                            | 735.00                      | 1,348.00             |
| Petrol (biopetrol mix)            | 744.17                      | 1,343.79             |
| Propane                           | 514.93                      | 1,942.00             |
| Other Fuels                       |                             |                      |
| Biodiesel                         | 890.00                      | 1,124.00             |
| Biogas                            | 1.15                        | 869,565.00           |
| Biomethane                        | 0.73                        | 1,379,355.67         |
| CNG                               | 175.00                      | 5,714.00             |
| Waste Gas                         | 1.30                        | 769,231.00           |
| LNG                               | 452.49                      | 2,210.00             |
| Gases                             |                             |                      |
| Methane (CH <sub>4</sub> )        | 0.72                        | 1,397,112.11         |
| Carbon dioxide (CO <sub>2</sub> ) | 1.96                        | 509,290.00           |

### References

|                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2006 IPCC Guidelines for National Greenhouse Gas Inventories Volume 2 Chapter 1<br><a href="https://www.ipcc-nggip.iges.or.jp/public/2006gl/pdf/2_Volume2/V2_1_Ch1_Introduction.pdf">https://www.ipcc-nggip.iges.or.jp/public/2006gl/pdf/2_Volume2/V2_1_Ch1_Introduction.pdf</a>                                                                                                 |
| 2006 IPCC Guidelines for National Greenhouse Gas Inventories Volume 2 Chapter 2<br><a href="http://www.ipcc-nggip.iges.or.jp/public/2006gl/pdf/2_Volume2/V2_2_Ch2_Stationary_Combustion.pdf">http://www.ipcc-nggip.iges.or.jp/public/2006gl/pdf/2_Volume2/V2_2_Ch2_Stationary_Combustion.pdf</a>                                                                                 |
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