



# Greenhouse Gases Verification Statement

Statement (No. 20000240011190)

The inventory of Greenhouse Gas emissions Report in the Reporting period of: 2021

## SMART GÜNEŞ ENERJİSİ TEKNOLOJİLERİ ARAŞTIRMA GELİŞTİRME ÜRETİM SANAYİ VE TİC. A.Ş.

Head Office: Rüzgarlıbahçe Mh., Feragat Sk. Energy Plaza No:2, 34805 Beykoz/İstanbul  
Gebze Production Facility: GOSB Tembelova Alanı, Cad. 3200, N3207 Gebze / Kocaeli

which has been prepared according to the requirements of the standard:

### ISO 14064-1:2018

and verified in accordance with ISO 14064-3:2019, is satisfactory and there are not any material misstatements.

The declared GHG emissions, analyzed as:

<b>Total GHG emissions:</b>	22.749,75	<b>t CO<sub>2e</sub></b>
Direct GHG emissions:	146,71	<b>t CO<sub>2e</sub></b>
- non-biogenic:	138,890	<b>t CO<sub>2e</sub></b>
- biogenic:	-	<b>t CO<sub>2e</sub></b>
Indirect GHG emissions:	22.603,04	<b>t CO<sub>2e</sub></b>
imported energy:	3.398,85	<b>t CO<sub>2e</sub></b>
transportation:	10.810,51	<b>t CO<sub>2e</sub></b>
products used by organization:	8.030,33	<b>t CO<sub>2e</sub></b>
- from other sources	363,35	<b>t CO<sub>2e</sub></b>
<b>Removals of GHG emissions:</b>	3.398,85	<b>t CO<sub>2e</sub></b>

Verification Statement No.: **20000240011190**

Athens, 2024-04-26

Certification Body  
at TÜV AUSTRIA

Ioannis Kallias  
General Manager

TÜV AUSTRIA HELLAS  
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GEMI No.: 1650201000



This Verification was conducted in accordance with TÜV AUSTRIA auditing and Verification procedures. Every page of this statement is valid, only if it is accompanied with the rest pages of the statement



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TÜV Austria Hellas, accredited Verification Body for GHG emissions against ISO 14065:2020, accreditation number: 20000240011190 verifies with reasonable assurance that the GHG emissions Report of the organization.

## Information about the verification

The verification body TÜV AUSTRIA Hellas ("Verification Body") has undertaken the third party verification of the information included in the annual GHG Emissions Report ("Emissions Report") for the reporting year 2020 (1/1/2021-31/12/2021) of the company SMART GÜNEŞ ENERJİSİ TEKNOLOJİLERİ ARAŞTIRMA GELİŞTİRME ÜRETİM SANAYİ VE TİC. A.Ş., according to the requirements of the standard ISO 14064-1:2018. The responsibility for the information included in the Emissions Report remains exclusively to the Company. The Verification Body conducted sampling inspection of evidence and data, and the relevant procedures and systems, aiming to the verification of the Emission Report.

It is noticed that the Verification Body has not ever provided any consulting services to the Company.

## Verification Objective and Scope

The Verification Body conducted the following third-party verification tasks, during the time period of 01/01/2021 to 31/12/2021:

1. Evaluation of the management system and the methodology for the quantification, monitoring and reporting of the GHG emissions of the company, according to the requirements of the standards ISO 14064-1:2018 and ISO 14064-3:2019.
2. Onsite verification audits at the following sites:
  - Head Office: Rüzgarlıbahçe Mh., Feragat Sk. Energy Plaza No:2, 34805 Beykoz/İstanbul Gebze
  - Production Facility: GOSB Tembelova Alanı, Cad. 3200, N3207 Gebze / Kocaeli

aiming at:

- the verification of the existence and application of systems appropriate for monitoring, collection, processing and reporting of data contained in the Emission Report and the documents of the GHG emissions management system of the Company.
- the assurance of the reliability, the relevance, the completeness, the consistency, the accuracy and the transparency of the quantitative and qualitative data contained in the Emissions Report, without any material errors, omissions or misrepresentations.

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## Scope

- a) organizational boundaries or the GHG project and its baseline scenarios; İSTANBUL-GEBZE in Türkiye
- b) physical infrastructure, activities, technologies and processes of the organization: Photovoltaic Solar Panel
- c) GHG sources, sinks and/or reservoirs;
  - Category 1: Direct GHG emissions
  - Category 2: Energy-Induced Indirect Emissions
  - Category 3: Indirect GHG emissions from transport
  - Category 4: Indirect GHG emissions from products used by the organization
  - Category 6: GHG emissions from other sources
- d) types of GHGs; CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs
- e) time period(s): 2021

## Assurance level

The assurance level agreed with the Company is that of reasonable assurance.

## Materiality level

For the purposes of the verification, the agreed level of assurance has been defined as 95,1% based on the needs of the intended use of the Emission Report. Therefore, material misstatements are defined as any omissions, distortions and errors, which when quantified, result in more than 4,9 % with respect to the total of emissions.

## Intended use

The Emissions Report is intended to be used by the Company for the following uses:

- Public

## Conclusions

The Company provided its assertions in the Emissions Report for the reporting year 2021 (1/1/2021-31/12/2021), based on the requirements of the standard ISO 14064-1:2018. The reported by the Company GHG emissions, for the above mentioned time period, have been verified by the Verification Body and they are in accordance with those reported in the 1<sup>st</sup> page of the present statement, consistent with the agreed scope, objective and verification criteria.

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The verification tasks followed the requirements of the standard ISO 14064-3:2019 and were based on a risk analysis approach, resulting to appropriate, per case, sampling schemes for the collection of the necessary evidence, tracing back from the Emission Report's references to the primary data.

All data and information supporting the GHG assertions in the Emission Report were based on data and information hypothetical and projected.

- Category 1: 146,71TON CO2E
- Category 2: 3.398,85 TON CO2E
- Category 3: 10.810,51TON CO2E
- Category 4: 8.030,33TON CO2E
- Category 6: 363,35CO2E

### Verification Decision

Based on the verification process, procedures and tasks conducted, the GHG assertions included in the Emission Report:

- are materially correct and a fair representation of the GHG data and information
- are prepared and presented in accordance with the standard ISO 14064-1:2018 for the GHG quantificatic monitoring and reporting.

GHG emissions Report is satisfactory and there are not material misstatements

### Opportunities for Improvement - Findings

Based on the findings and conclusions derived from the verification process, the Verification Body's recommendations for the improvement of the Company's future Emissions Reports are as follows:

- N/A

On behalf of TÜV AUSTRIA Hellas,  
Athens, 26/04/24

REMZIYE YILDIZ

Lead GHG Verifier

Ioannis Kallias

General Manager

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