

## Verification Opinion

**GHGEV 742640 – 15.06.2022**

**Responsible Party:**

Eti Soda Uretim Pazarlama Nakliyat  
Ve Uretim San Tic. A.S.  
Trona Tesisleri No:47/A  
Yesilagac Mah. Gragac Kmeevler  
Beypazari/Ankara, 06730, Turkey

**Type of GHG Statement:**

Organisational

**Identification of GHG Statement:**

Eti Soda Uretim Pazarlama Nakliyat Ve Uretim San Tic. A.S. GHG Report 2021

**Scope of activities:**

Soda Ash, Sodium Carbonate and Sodium Bicarbonate production

**Organisational Boundary:**

Operational Control

**Sites Included in Organisational Boundary:**

Within the scope of the Greenhouse Gas Inventory, Eti Soda Uretim Pazarlama Nakliyat Ve Uretim San Tic. A.S. has adopted a control approach to combine greenhouse gas emissions and removals. Eti Soda has both administrative and financial control over its operations. All emissions arising from the activities of Eti Soda within the boundaries of the facility located in Ankara, Turkey are within the boundaries of the organization

- Address: Yeřilağaç Mah. Grağaç Kmeevler No:47/A 06730, Beypazari Ankara, Turkey

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**Reporting Boundary:**

1- Direct GHG emissions and removals.

Process Emission

\*Soda Ash Production

Combustion Welded

\* Generator (Diesel)

\* Boiler (Diesel)

\* Tube (LPG)

\* Propane

\* Lignite

\* Limestone

Vehicle Sourced

\* Diesel

\* Gasoline

Gas Leak/Leak Occurrences

\* Gas leakage

\* Gas refill

\* Domestic Waste Water (COD)

2 - Indirect greenhouse gas emissions from imported energy; Electricity Purchased

\* Electricity

3 - Indirect greenhouse gas emissions from transport.

\* Cargo

\* Seaway Product Transportation

\* Road Product Transportation

\* Personnel Services

\* Road Transport – Raw Material

\* Staff Airline Travel

\* Hotel Accommodation

4 - Indirect greenhouse gas emissions from products used by the organization.

\* Use of Raw Materials Associated with the Manufacturing of the Product ( Limestone, coal, lime)

\* Waste disposal

5 - Indirect greenhouse gas emissions associated with the use of products from the organization.

\* Greenhouse Gas Emissions During Product Use Phase

6 - Greenhouse gas emissions from other sources

\* Paper

\* Drinking water consumption

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**Criteria for developing the organisational carbon footprint:**

ISO14064-1:2018

Eti Soda Uretim Pazarlama Nakliyat Ve Uretim San Tic. A.S GHG Management System Documentation

**Level of Assurance:**

Limited

**Materiality level:**

%10

**Period:**

01.01.2021-31.12.2021

**GHG Emissions:**

<b>DIRECT GREENHOUSE GAS EMISSIONS</b>		
1- Direct GHG emissions and removals;	464.688	tCO2e
<b>INDIRECT GREENHOUSE GAS EMISSIONS</b>		
2 - Indirect GHG emissions from imported energy; Purchased Electricity	215.648	tCO2e
3 - Indirect GHG emissions from transportation;	135.564	tCO2e
4 - Indirect GHG emissions from products used by organization;	118.713	tCO2e
5 -Indirect GHG emissions associated with the use of products from the organization;	83.442	tCO2e
6 -Indirect GHG emissions from other sources.	28	tCO2e
<b>TOTAL</b>	<b>1,018,082</b>	tCO2e

<i>Non-Biogenic GHG emission</i>	<i>1.018.082</i>	
<i>anthropogenic biogenic GHG emission</i>	<i>1</i>	<i>tCO2e</i>
<i>non-anthropogenic biogenic GHG emission</i>	<i>-</i>	<i>tCO2e</i>
<b>TOTAL</b>	<b>1.018.083</b>	<b>tCO2e</b>

**Verification Opinion: Verified as Satisfactory**

Based on the process and procedures conducted, there is no evidence that the GHG report 2021 produced by Eti Soda Uretim Pazarlama Nakliyat Ve Uretim San Tic. A.S:

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

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## Verification Activities:

The following were the verification activities undertaken:

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

The quantification and reporting of the carbon footprint have been independently verified by BSI against the specifications defined in ISO 14064-1:2018. The verification activity has been carried out in accordance with ISO 14064-3:2019 and the principles of ISO 14065:2020.

## Responsibilities:

The data on which the footprint is based has been provided by Eti Soda Uretim Pazarlama Nakliyat Ve Uretim San Tic. A.S. in the document GHG report 2021. This document is the responsibility of Eti Soda Uretim Pazarlama Nakliyat Ve Uretim San Tic. A.S. and is historical in nature.

The responsible party is responsible for the preparation and fair presentation of the GHG statement in accordance with the criteria.

The verifier is responsible for expressing an opinion on the GHG statement based on the verification

**Lead Verifier:** Furkan Sadıkođlu

**Signed on behalf of BSI:** Yonca akır



**Issue Date:** 23.06.2022

**NOTE:** BSI Eurasia Belgelendirme Hizm. Ltd. Sti. is independent to and has no financial interest in Eti Soda Uretim Pazarlama Nakliyat Ve Uretim San Tic. A.S. This verification Opinion has been prepared for Eti Soda Uretim Pazarlama Nakliyat Ve Uretim San Tic. A.S. only for the purposes of verifying its statement relating to its carbon emissions more particularly described in the scope above. It was not prepared for any other purpose. In making this Statement, BSI Eurasia Belgelendirme Hizm. Ltd. Sti. has assumed that all information provided to it by Eti Soda Uretim Pazarlama Nakliyat Ve Uretim San Tic. A.S. is true, accurate and complete. BSI Eurasia Belgelendirme Hizm. Ltd. Sti. accepts no liability to any third party who places reliance on this Statement.