



VERIFICATION OPINION

Greenhouse Gas (GHG) Emissions

APCER, as a 3rd party Verifier, states that **the greenhouse gas emissions inventory** from

SOLIDAL - CONDUTORES ELÉTRICOS, S.A.

Av. 19 de Agosto, 126
4740-209 ESPOSENDE - PORTUGAL

Presented in the **GHG statement** “Relatório do inventário de emissões de gases com efeito estufa – Solidal 2021 (04.11.2022) from 04.11.2022, has been verified in accordance with ISO 14064-1:2018 - *Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals*; ISO 14064-3:2019 and ISO IEC 17029:2019.

Emissions reporting period: 01-01-2021 to 31-12-2021

Scope:

Manufacture of electrical cables for energy transmission

Organizational boundaries:

Solidal – Condutores Elétricos, S.A.
Av. 19 de Agosto 126
4740-209 ESPOSENDE - PORTUGAL

Operational boundaries:

Scope 1, Scope 2, Scope 3 (purchased good and services, downstream transportation and distribution, waste generated in operations, business travel, employee commuting and end-of-life treatment) and the following GHG: CO₂, dióxido de carbono (CO₂), metano (CH₄), óxido nitroso (N₂O), hidrofluorcarbonos (HFCs), perfluorocarbonos (PFCs), hexafluoreto de enxofre (SF₆) e trifluoreto de azoto (NF₃).

With a reasonable level of assurance and a materiality threshold of 5%

Verification Opinion Statement

The determination of the GHG emissions and its fair presentation is the sole responsibility of the organization identified.

Based on the process and procedures conducted, APCER concludes that the GHG statement:

1. Is prepared in accordance with the reference standard ISO 14064-1:2018 - *Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals*;
2. Is substantially correct and fairly represents the GHG inventory from the organisation within the verified scope and boundaries.



Date of issue 2022-11-18

A blue ink signature, appearing to read 'José Leitão', is written above the name and title.

José Leitão
CEO

Annex to Verification Opinion

GHG statement objectives:

For the organization, the ais objectives are:

- Identify the main sources of GHG emissions of the organisation;
- Characterize the carbon performance of the organization
- To analyse and understand the carbon performance of the organisation

GHG emissions and removals summary:

GHG emissions per emission category and total expressed in tCO₂e.

GHG emissions	
Category/sub-category of GHG emissions	GHG emissions CO ₂ e (t)
Direct emissions from stationary combustion	4794
Direct emissions from mobile combustion	321
Direct process emissions and removals from industrial processes	2
Direct fugitive emissions	0
Direct emissions and removals from land use, land use change and forestry (LULUCF)	NA
Direct Emissions - Total	5117
Indirect GHG emissions from imported energy Electricity-Location based	2677
Indirect GHG emissions from imported energy Electricity-Market based	0
Indirect GHG emissions from imported energy Electricity-Location based	2677
Indirect GHG emissions from imported energy Electricity-Market based	0
Indirect GHG emissions from transportation - Upstream	Included in the value associated to the indirect emissions from materials consumption
Indirect GHG emissions from transportation - Downstream	5246
Indirect GHG emissions from transportation – Employee commuting	616
Indirect GHG emissions from transportation – Business travel	29
Indirect GHG emissions from goods purchased by an organization - Emissions from purchased goods	454440
Indirect GHG emissions from services used by organization - Waste management	352
Emissions from end of life stage of the product	858
Indirect emissions – Other than imported energy - Total	461541
Total Emissions (location based)	469335
Total Emissions (market based)	466658

Exclusions: According to the application of the significance of indirect emissions procedure.

Summary description of the data used and respective sources and methodologies for the determination of emissions: Activity data were determined from supplier invoices and other transition commercial documentation, management softwares, internal registers and the emissions were quantified by calculation.

The emission factors were obtained from the information available from known, reliable, representative and available sources as far as possible.

A specific software and database were used (Umberto and Ecoinvent 3.8).

The company bought guarantees of origin and green tariff membership.

Significant criteria: Described in a specific procedure and correctly applied and explained.

Procedures for information management and data control:

The information management and data control procedures are adequate and described in a specific procedure.

Data quality:

Data quality (activity data and emission factors) were qualitatively analysed based on its representativeness, completeness, and reliability.

Study limitations:

No limitations that could jeopardise the adequacy and reasonableness of the results were encountered during the verification.

