

**CARBON NEUTRALITY STATEMENT OF ISA AND ITS COMPANIES  
ENERGY TRANSMISSION, ROADS, AND TELECOMMUNICATIONS  
November 2024**

Interconexión Eléctrica S.A. - ISA is a mixed, multi-Latin American company with its main businesses located in Colombia, Peru, Bolivia, Chile, and Brazil. The company has a track record of over 50 years in high-voltage energy transmission with more than 49,426 km of circuits in operation. Through its company XM, it coordinates the energy market in Colombia. Its other businesses are focused on the operation and maintenance of road concessions in Colombia and Chile, with 699 km in operation, and in the telecommunications and information technology business.



Figure 1. ISA and its companies Source: Integrated Report 2023<sup>1</sup>

The ISA2030 Strategy seeks to contribute in a decisive, proactive, and transcendent manner to addressing climate change through mitigation and the promotion of initiatives that generate a positive impact, as well as the protection and conservation of ecosystems and their biodiversity.

Although ISA's businesses are not carbon-intensive, conscious of its role, and as a legacy for future generations, ISA aims to reduce and offset the emissions associated with its operations, and also contribute to the reduction of 11 million tons of CO<sub>2</sub> equivalent to the planet by 2030. This reduction is distributed as follows:

- 9 million tons of CO<sub>2</sub>e through the protection and conservation of ecosystems with the Conexión Jaguar Program.

<sup>1</sup>ISA Integrated Report 2023: <https://www.isa.co/es/reporte-integrado-de-gestion-2023/>

- 1.9 million tons of CO<sub>2</sub>e as a contribution to the decarbonization of energy matrices through the development of non-conventional energy solutions.
- 102,500 tCO<sub>2</sub>e by reducing its impacts through voluntary actions to avoid and reduce greenhouse gases (GHG) emitted by business operations.
- In 2023, 259% of the O&M emissions reduction target has been met, and 35% of the 2030 target has been met.
- In 2023, due to eco-efficiencies in operations, a reduction of 22864 tCO<sub>2</sub>e was obtained.



**Figure 2.** Emission reduction roadmap for ISA and its companies. Source: Prepared by ISA

The following is a description of the intermediate goals:

Positive social and environmental impact. Reduction of 11 million tCO<sub>2</sub>e to the planet:

- 55% reduction of the target by 2022
- 80% reduction of the target by 2026
- 100% reduction of the target by 2030

In their impact reduction component, ISA and its companies have defined a route to achieve emission neutrality in the O&M stage of its assets through the measurement, management (avoidance, reduction, or replacement), and offsetting of their greenhouse gas (GHG) inventory, mainly with carbon credits certified under rigorous, internationally recognized standards, generated by the Conexión Jaguar Program and other conservation or restoration initiatives.

This statement, as a carbon-neutral company, is based on compliance with the climate change roadmap of ISA and its companies.

The defined plan shows the commitment of managers and the whole organization to maintain a low-carbon emission operation to reduce the vulnerability of the company's infrastructure to climate variability, in addition to making a positive contribution through the **Conexión Jaguar** program in mitigating the effects of climate change, and in achieving the goals of the countries where ISA is present, as stated in international agreements.

ISA and its companies obtained the Carbon Neutrality certification for a three-year term with annual follow-up to ensure their continued compliance with sustainable standards and practices, thus ensuring consistency and continuous improvement in their GHG emission management. The base year remains **2019**, where GHG emissions are validated and verified by an accredited independent entity (see Greenhouse Gas Report of ISA and its Companies 2023). GHG emissions were fully offset during **2023 and 2024 for Scopes 1 and 2**; for the following years until 2030, it is planned to offset the residual emissions of the tons of CO<sub>2</sub>e that have not been reduced or avoided through actions to improve the eco-efficiency and circular economy performance in the O&M stage.

1. Measurement and establishment of the baseline
2. Implementation of measures to reduce or avoid emissions
3. Emissions offsets

## 1. Measurement and establishment of the baseline

This action consists of making the emissions inventory, identifying the main sources of GHGs, preparing for the verification of the emissions inventory, third-party verification of the emissions inventory, and preparing for the certification process. ISA and its companies' emissions inventory is subject to an annual independent third-party verification process through a Validation and Verification Body (VVB). The emissions inventory is made based on the considerations of the GHG Protocol. The **base year** chosen for the calculation and verification of emission reduction targets is **2019**, since the information is complete and, in most companies, information is verified by independent third parties. In addition, it is the year with the greatest coverage of information on ISA companies that started operations.

In 2023, ISA and its companies verified with ICONTEC the following emissions inventory in tons of CO<sub>2</sub>e:

| Emisiones ton CO <sub>2</sub> eq | AÑO  | ISA | ITCO   | REP  | CTEEP  | ISABO | ITCH | TCA   | INTERVIAL | XM  | INTERNEXA | INTEIA | RUTA COSTERA | TOTAL     |
|----------------------------------|------|-----|--------|------|--------|-------|------|-------|-----------|-----|-----------|--------|--------------|-----------|
| <b>Alcance 1</b>                 | 2023 | 0   | 1053   | 2372 | 11286  | 0.59  | 776  | 1421  | 696       | 0   | 137       | 22     | 987          | 18751.51  |
| <b>Alcance 2</b>                 | 2023 | 124 | 1830   | 1878 | 1472   | 114   | 431  | 1143  | 3073      | 130 | 87        | 0      | 409          | 10691.00  |
| <b>Alcance 3</b>                 | 2023 | 252 | 131121 | 5591 | 128833 | 36854 | 316  | 14123 | 28321     | 260 | 57        | 59     | 2932         | 348716.61 |
| <b>Total</b>                     | 2023 | 376 | 134004 | 9840 | 141591 | 36968 | 1523 | 16687 | 32090     | 390 | 281       | 82     | 4328         | 378159    |

**Table 1.** Inventory results. 2023 GHG of ISA and its companies for Scopes 1, 2, and 3. Prepared by ISA

## 2. Emission reduction

ISA and its companies avoid and reduce their emissions through eco-efficiency and circular economy actions focused on the following variables: water, energy (both consumption and use of renewable sources), waste, sustainable mobility (including teleworking), and reduction of fugitive SF6 emissions.

## 3. Emissions offsets

ISA and its companies, after verifying their achievements in improving their operational eco-efficiency, offset residual emissions according to the characteristics of the certified carbon credits described in their indicators manual.

For 2023, following the verification of the GHG inventory, 100% of Scopes 1 and 2 and a percentage of Scope 3 was offset for each company, as shown in Tables 2, 3, and 4.

### Emissions offsets, Scopes 1 and 2

| # | Company       | Verified emissions (A1+A2) | Offset emissions | %      | Standard | Project   | Serial  | Remarks   |
|---|---------------|----------------------------|------------------|--------|----------|---|---|---|
| 1 | ISA           | 124                        | 124              | 100%   | iRECs    | La Tasajera   | Initial: 000-0003-5551-9256.000000/ Final: 0000-0003-5552-1404.999999                                       | Offsetting of 124 tons of Scope 2. Consumption corresponds to 17% of the headquarters of Intercolombia S.A. E.S.P., where the main ISA Interconexión Eléctrica facility is located. |
| 2 | INTERCOLOMBIA | 2883                       | 99               | 100%   | VERRA    | 'Guanaré' Forest Plantations on degraded grasslands under extensive grazing | 7202-377085530-377085628-VCU-007-MER-UY-14-959-01012012-31122012-0  | Offsetting of 99 tons of Intercolombia's Scope 1  |
|   |               |                            | 1997             |        | VERRA    | GENNEIA WIND PROJECTS IN ARGENTINA  | 15429-694003939-694005935-VCS-VCU-1323-VER-AR-1-1987-01012021-31122021-0                                    | Offsetting of 553 tons of Intercolombia's Scope 1 and 1444 tons of Scope 2  |
|   |               |                            | 402              |        | VERRA    | The Serra do Amolar REDD+ Project   | 16551-772988759-772989344-VCS-VCU-1290-VER-BR-14-2566-01012019-31122019-1                                   | Offsetting of 402 tons of Intercolombia's Scope 1   |
|   |               |                            | 386              |        | iRECs    | La Tasajera   | Initial: 0000-0003-5551-9256.000000/ Final: 0000-0003-5552-1404.999999                                      | Offsetting of 386 tons of CO2 from Intercolombia's Scope 2 (1830 tonCO2eq), which corresponds to 53% of the headquarters  |
| 3 | ISA REP       | 2882                       | 2882             | 100.0% | VERRA    | REDD project in Brazil nut concessions in Madre de Dios, Peru               | 17401-829369294-829372863-VCS-VCU-263-VER-PE-14-868-01012018-31122018-0                                     | Offsetting of 100% of ISA REP's Scopes 1 and 2  |
| 4 | CTM           | 931                        | 931              | 100%   | VERRA    | REDD+ PROJECT IN THE ALTO HUAYABAMBA CONSERVATION CONCESSION (CAHA)         | 12548-415516252-415517229-VCS-VCU-576-VER-PE-14-1882-01012020-31122020-1                                    | Offsetting of 100% of ISA CTM's Scopes 1 and 2  |
| 5 | ISA PERU      | 436                        | 437              | 100%   | VERRA    | REDD+ PROJECT IN THE ALTO HUAYABAMBA CONSERVATION CONCESSION (CAHA)         | 12548-415517230-415517684-VCS-VCU-576-VER-PE-14-1882-01012020-31122020-1                                    | Offsetting of 100% of ISA PERU's Scopes 1 and 2   |
| 6 | CTEEP         | 12758                      | 11286            | 100%   | VERRA    | The Serra do Amolar REDD+ Project   | 16706-788922681-788936411-VCS-VCU-1290-VER-BR-14-2566-01012017-31122017-1                                   | Offsetting of 100% of CTEEP's Scopes 1 and 2  |
|   |               |                            | 1472             |        | iRECs    | Campo Formoso II - Energías Renováveis S.A.                                 | 0000-0220-2162-9951.000000/0000-0220-2166-1105.999999/0000-0220-2166-1221.500000/0000-0220-2166-8292.999999 | Offsetting of 100% of CTEEP's Scopes 2 and 2  |

|    |              |      |      |      |           |  |   |   |
|----|--------------|------|------|------|-----------|--|---|---|
| 7  | ISA BOLIVIA  | 114  | 88   | 101% | VERRA     | Grouped Project for Commercial Forest Plantations Initiatives in the Department of Vichada             | 14339-579535733-579535820-VCS-VCU-394-VER-CO-14-1530-01012015-31122015-1  | Offsetting of 77% of ISA BOLIVIA's Scope 1 and 2  |
|    |              |      | 27   |      |           | 'Guanaré' Forest Plantations on degraded grasslands under extensive grazing                            | 7859-433231281-433231307-VCU-007-MER-UY-14-959-01012011-31122011-0  | Offsetting of 23% of ISA BOLIVIA's Scope 1 and 2  |
| 8  | INTERCHILE   | 1207 | 1207 | 100% | VERRA     | Totoral Wind Farm Project  | 15254-671486426-671487948-VCS-VCU-291-VER-CL-1-973-01082012-31122012-0  | Offsetting of 100% of Interchile's Scopes 1 and 2   |
| 9  | TRANSELCA    | 2564 | 2564 | 100% | VERRA     | The Serra do Amolar REDD+ Project  | 16293-753855452-753858391-VCS-VCU-1290-VER-BR-14-2566-01012019-31122019-2   | Offsetting of 100% of Transelca's Scopes 1 and 2  |
| 10 | INTERVIAL    | 3769 | 696  | 100% | CDM       | CDM Project 5393: Catalytic N2O destruction project at the new nitric acid plant PANNA 4 of Enaex S.A. | Initial: CL-5-10076631-1-1-0-5393/ Final: CL-5-10077326-1-1-0-5393  | Offsetting of 696 tons of Intervial's Scope 1   |
|    |              |      | 533  |      |           | CDM Project 5393: Catalytic N2O destruction project at the new nitric acid plant PANNA 4 of Enaex S.A. | Initial: CL-5-10077327-1-1-0-5393/ Final: CL-5-10079267-1-1-0-5393  | Offsetting of 533 tons of Intervial's Scope 2   |
|    |              |      | 2540 |      | iRECs     | SAN PEDRO III  | Initial: 000-0219-3225-0476.400000/ Final: 0000-0219-3226-0974.399999   | Offsetting of 2,540 tons of Intervial's Scope 2 (3,073 tCO <sub>2</sub> e)                        |
| 11 | XM           | 130  | 131  | 100% | iRECs     | La Tasajera  | Initial: 0000-0003-5551-9256.000000/ Final: 0000-0003-5552-1404.999999  | Offsetting of 100% of XM's Scope 2; its consumption corresponds to 18% of the headquarters        |
| 12 | INTERNEXA    | 224  | 137  | 100% | VERRA     | Grouped Project for Commercial Forest Plantations Initiatives in the Department of Vichada             | 15580-701726171-701726410-VCS-VCU-394-VER-CO-14-1530-01012015-31122015-1  | Offsetting of 100% of Internexa's Scope 1   |
|    |              |      | 88   |      | iRECs     | La Tasajera  | Initial: 0000-0003-5551-9256.000000/ Final: 0000-0003-5552-1404.999999  | Offsetting of 100% of Internexa's Scope 2; its consumption corresponds to 12% of the headquarters |
| 13 | INTEIA       | 23   | 23   | 100% | BIOCARBON | Forestry Restoration in Productive and Biological Corridors in the Eastern Plains of Colombia (2016)   | Q2O2GXG7RODKWW5MUGW33GA274GBMUO5FL72AWSTKWLTTC3BHA6N32Z7A - ZMSAKHJ5X2GQTFH7B2XML3ABUJZUWB3X2WQITAADGDY32J2XOJ6E37GIQ6A | Offsetting of 100% of Inteia's Scope 1 and 2 emissions  |
| 14 | RUTA COSTERA | 1395 | 1128 | 100% | VERRA     | 'Guanaré' Forest Plantations on degraded grasslands under extensive grazing                            | 7859-433230153-433231280-VCU-007-MER-UY-14-959-01012011-31122011-0  | Offsetting of 986 tons of Ruta Costera's Scope 1 and 142 tons of Scope 2                          |
|    |              |      | 267  |      |           | Grouped Project for Commercial Forest Plantations Initiatives in the Department of Vichada             | 15580-701726411-701726745-VCS-VCU-394-VER-CO-14-1530-01012015-31122015-1  | Offsetting of 193 tons of Ruta Costera's Scope 2  |

**Table 2. Emission offsets, Scopes 1 and 2. Source: Prepared by ISA.**

### Emission offsets, Scope 3

| #  | Company      | Verified emissions (A3) | Offset emissions | % offset | Offset standard/Type | Project  | Serial No.   | Remarks  |
|----|--------------|-------------------------|------------------|----------|----------------------|--|--|--|
| 1  | ISA          | 252                     | 163              | 65%      | VERRA                | Grouped Project for Commercial Forest Plantations Initiatives in the Department of Vichada             | 16551-772988596-772988758-VCS-VCU-1290-VER-BR-14-2566-01012019-31122019-1  | Offsetting of 64.7% of ISA Interconexión Eléctrica's Scope 3                       |
| 2  | ITCO         | 131,210                 | 184              | 0.1%     | VERRA                | The Serra do Amolar REDD+ Project  | 16551-772988759-772989344-VCS-VCU-1290-VER-BR-14-2566-01012019-31122019-1  | Offsetting of 0.1% of Intercolombia's Scope 3                                      |
| 3  | ISA REP      | 1631                    | 688              | 42.2%    | VERRA                | REDD project in Brazil nut concessions in Madre de Dios, Peru  | 17401-829369294-829372863-VCS-VCU-263-VER-PE-14-868-01012018-31122018-0  | Offsetting of 42.2% of ISA REP's Scope 3   |
| 4  | CTM          | 3828                    | 40               | 1%       | VERRA                | REDD+ PROJECT IN THE ALTO HUAYABAMBA CONSERVATION CONCESSION (CCA)                                     | 12548-415516252-415517229-VCS-VCU-576-VER-PE-14-1882-01012020-31122020-1   | Offsetting of 1% of ISA CTM's Scope 3  |
| 5  | ISA PERU     | 132                     | 18               | 14%      | VERRA                | REDD+ PROJECT IN THE ALTO HUAYABAMBA CONSERVATION CONCESSION (CCA)                                     | 12548-415517230-415517684-VCS-VCU-576-VER-PE-14-1882-01012020-31122020-1   | Offsetting of 14% of ISA PERU's Scope 3  |
| 6  | CTEEP        | 128633                  | 2445             | 2%       | VERRA                | The Serra do Amolar REDD+ Project  | 16706-788922681-788936411-VCS-VCU-1290-VER-BR-14-2566-01012017-31122017-1  | Offsetting of 2% of CTEEP's Scope 3  |
| 7  | ISA BOLIVIA  | 36854                   | 0                | 0%       | N/A                  | N/A  | N/A  | Offsetting of 0% of ISA BOLIVIA's Scope 3  |
| 8  | ITCH         | 316                     | 316              | 100%     | VERRA                | Totoral Wind Farm Project  | 15254-671486426-671487948-VCS-VCU-291-VER-CL-1-973-01082012-31122012-0   | Offsetting of 100% of Interchile's Scope 3   |
| 9  | TCA          | 14123                   | 376              | 3%       | VERRA                | The Serra do Amolar REDD+ Project  | 16293-753855452-753858391-VCS-VCU-1290-VER-BR-14-2566-01012019-31122019-2  | Offsetting of 3% of Interchile's Scope 3   |
| 10 | INTERVIAL    | 28321                   | 1408             | 5%       | CDM                  | CDM Project 5393: Catalytic N2O destruction project at the new nitric acid plant PANNA 4 of Enaex S.A. | Initial: CL-5-10077327-1-1-0-5393/ Final: CL-5-10079267-1-1-0-5393   | Offsetting of 5% of Intervial's Scope 3  |
| 11 | XM           | 260                     | 260              | 100%     | BIOCARBON            | DELFINES CUPICA REDD+  | PCR-CO-BFX-14-002-2-1001-1012-0007582-0007841  | Offsetting of 100% of XM's Scope 3   |
| 12 | INTERNEXA    | 57                      | 57               | 101%     | VERRA                | Grouped Project for Commercial Forest Plantations Initiatives in the Department of Vichada             | 15580-701726171-701726410-VCS-VCU-394-VER-CO-14-1530-01012015-31122015-1   | Offsetting of 100% of Internexa's Scope 3, Offset surplus of 46 tCO <sub>2</sub> e |
| 13 | INTEIA       | 59                      | 59               | 100%     | BIOCARBON            | Forestry Restoration in Productive and Biological Corridors in the Eastern Plains of Colombia (2016)   | Q2O2GXG7RODKWW5MU GW33GA274GBMUO5FL72 AWSTKWLTTC3BHA6N32 Z7A - ZM5AKHJ5X2GQTFH7B2XL M3ABUZUWB3X2WQI TAADGDY32J2XOJ6E37GI Q6A | Offsetting of 100% of Inteia's Scope 3   |
| 14 | RUTA COSTERA | 2928                    | 68               | 4%       | VERRA                | Grouped Project for Commercial Forest Plantations Initiatives in the Department of Vichada             | 15580-701726411-701726745-VCS-VCU-394-VER-CO-14-1530-01012015-31122015-1   | Offsetting of 4% of Ruta Costera's Scope 3   |
|    |              |                         | 37               |          |                      | The Envira Amazonia Project - A Tropical Forest Conservation Project in Acre, Brazil                   | 10793-249007815-249007851-VCS-VCU-352-VER-BR-14-1382-02082012-31122013-1   |  |

**Table 3.** Scope 3 emissions offset. Source: Prepared by ISA

*List of standards:*

- VCC: Verified Carbon Registry
- CCB: Climate, Community, and Biodiversity standards
- VCS: Verified Carbon Standard
- CDM: Clean Development Mechanism

*Related Documents:*

1. 2023 Integrated Management Report.
2. ISA and its companies' indicators manual.
3. Emissions management plan for ISA and its companies.
4. GHG Inventory Report verified by ICONTEC 2023.

**Signatures:**

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