



# FRAMEWORK

## Green Instruments

**TAKODA**   
Data Centers

2025

## 1. INTRODUCTION

**Takoda Data Centers is a Brazilian multinational company operating in the technology sector,** specialized in high-performance digital infrastructure. With more than 25 years of experience, the company has built a solid trajectory based on availability, security, agility, and flexibility, delivering solutions that drive its customers' business with excellence and innovation.

As part of the Apax Partners portfolio, one of the largest private equity funds in the world, Takoda is one of the leading data center companies in Latin America, recognized for its operational excellence, hyperconnectivity, and strong commitment to sustainability. Takoda operates with 100% renewable energy in Brazil and has been recognized by ISG as a leader in Data Center Services, in addition to being awarded by GPTW as one of the best companies to work for. We are enabling digital transformation by providing infrastructure for the most innovative technologies, including cloud computing and Generational AI.

Since its origins as part of TIVIT and its consolidation as an independent company in 2022, **Takoda has positioned itself as a benchmark in connectivity and data center services**, operating with high standards of quality, sustainability, and customer commitment.

The company currently operates **four data centers**: two located in São Paulo (SP01 and SP02), one in Rio de Janeiro (RJ01), and one in Bogotá, Colombia (BG01), totaling an installed IT capacity of 13.7 MW. Additional data centers are under construction and will further expand the company's installed capacity.

**Takoda is one of the most relevant players in the sector** and, with an ambitious expansion plan, including new data centers and the enlargement of existing sites, is set to grow exponentially through 2030.



All data centers hold important **certifications** to ensure quality processes for customers, following Takoda's management framework:

## FRAMEWORK TAKODA DATA CENTERS



**ISO/IEC 14001**  
Environmental Management System



**ISO/IEC 9001**  
Quality Management Systems



**ISO/IEC 27001**  
Information Security Management System



**ISO/IEC 45001**  
Occupational Health and Safety Management System



**ISO/IEC 20000**  
IT Service Management Systems



**ISO/IEC 22301**  
Business Continuity Management System



**ISAE3402**  
International Standard On Assurance Engagements

## 2. CERTIFICATIONS

Takoda adopts several standards to ensure the quality and security of its management and operations, as described below.

### ISO 9001 - Quality Management Systems

**ISO/IEC 9001:2015** aims to establish a management system that ensures consistent quality, effective risk management, customer satisfaction, and continuous improvement of organizational processes.

### ISO 20000 - IT Service Management Systems

**ISO/IEC 20000-1:2018** is the international standard for IT Service Management Systems (ITSMS). Its main objective is to ensure the consistent and high-quality delivery of IT services aligned with business needs and customer requirements, promoting efficiency, reliability, continuous improvement, and compliance with best practices such as the ITIL framework.

### ISO 27001 - Information Security Management System

**ISO/IEC 27001:2022** aims to implement and maintain an Information Security Management System (ISMS) that protects the organization's information based on the pillars of Confidentiality, Integrity, Availability, Privacy, through systematic risk management, ensuring legal compliance and promoting continuous improvement.

### **ISO 22301 - Business Continuity Management System**

**ISO/IEC 22301:2019** aims to ensure the continuity of an organization's critical operations in the face of crises or disasters, strengthening resilience and protecting people, processes, assets, and reputation.

### **ISO 14001 - Environmental Management System**

**ISO/IEC 14001:2015** aims to support organizations in the systematic management of their environmental impacts, ensuring legal compliance, pollution prevention, efficient use of resources, and commitment to sustainability.

### **ISO 45001 - Occupational Health and Safety Management System**

**ISO/IEC 45001:2018** aims to provide safe and healthy work environments by preventing injuries, occupational illnesses, and reducing risks, with a focus on continuous improvement of employee health and safety.

### **ISAE 3402 - International Standard on Assurance Engagements**

**ISAE 3402** is an international standard that sets requirements for independent audits of service providers, evaluating the existence, design, and operational effectiveness of their internal controls, including those impacting the security and reliability of the services delivered, to provide assurance, to clients and stakeholders.

## **3. ESG MODEL**

**Takoda adopts environmental, social, and governance (ESG) principles as a fundamental part of its organizational identity**, integrating them in a structured manner into its business strategy, operational processes, and decision-making. This approach reinforces the company's commitment to generating sustainable value for all stakeholders, contributing to responsible economic development, environmental preservation, and the social progress of the communities in which it operates.

Currently, **100% of the energy used in the Company's offices and data centers in Brazil comes from wind power sources.**



Takoda and its employees have a series of responsibilities, including:

### • Environmental

**This dimension addresses both the negative and positive impacts of Takoda on the environment** and considers potential or actual changes resulting from direct or indirect physical, chemical, or biological alterations to the environment. The company is responsible for managing and reducing its environmental impacts. This includes the adoption of sustainable practices in its operations, minimizing greenhouse gas emissions, and conserving natural and non-natural resources related to Takoda's activities.

**Takoda's Environmental Management area is responsible for the waste generated, applying best practices for effective waste management.** The Datacenter Infrastructure area seeks to apply best practices to help minimize greenhouse gas emissions, using, for example, clean energy in its operations and measuring energy efficiency. The Administrative area monitors, guides, and promotes the increased use of biofuels in the vehicle fleet.

### • Social

**This dimension addresses impacts on institutions and human relations,** respect for fundamental rights, and considers potential or actual changes in surrounding communities and workers.

Takoda must act responsibly toward its employees, clients, and communities. This includes promoting a fair and equitable work environment, protecting human rights, and participating in social responsibility initiatives. **Takoda's People & Culture area incorporates social initiatives into its annual planning.**

### • Governance

**This dimension includes how Takoda is governed and how decisions are made, considering corporate governance structures and processes,** including the governance of key policies and environmental and social processes. The company must maintain transparent and responsible governance, with clear management and oversight guidelines. This includes the adoption of ethical policies and practices and ensuring that decisions are made transparently and responsibly.

Several Takoda areas, such as Finance, Audit, Procurement, Administration, among other, apply corporate governance principles to ensure these standards are upheld, whether through their publications or periodically conducted committees.

In the context of ESG, Takoda organizes accurate and reliable information regarding its environmental, social, and governance performance. In addition, it engages its stakeholders, including investors, clients, employees, and local communities, in discussions about its impacts and actions related to ESG topics.

## 4. RATIONALE FOR THE FRAMEWORK

This Framework (“Framework”) was developed to encompass green debt and green loans in the capital markets, the banking market, and/or with multilateral institutions (“Green Instruments”).

**The issuance of Green Instruments reinforces Takoda’s alignment with sustainability aspects that are embedded in its day-to-day operations.** The Company’s Green Instruments will be associated with the Eligible Categories described below, which are fully aligned with the way its data center operations are conducted.

It is important to note that, as this Framework includes a broad approach for Takoda’s new capital-raising initiatives, the Company’s funding providers (investors, banks, and multilateral agencies) must always consult the specific documentation for each transaction, which will reference the selected Eligible Category.

Green Instruments may be issued by Takoda.

## 5. GREEN INSTRUMENTS FRAMEWORK

### • Alignment with the Principles Governing Green Instruments

**Green Instruments are financing options in which the proceeds are used exclusively to finance or refinance projects with environmental benefits.** The main guidelines for financial instruments with an environmental focus are provided by the International Capital Market Association (“ICMA”) and by the Loan Market Association (“LMA”), the Loan Syndications and Trading Association (“LSTA”), and the Asia Pacific Loan Market Association (“APLMA”). These guidelines are defined in the Green Bond Principles (GBP), 2025 issued by ICMA, and the Green Loan Principles (GLP), 2025 issued by LMA, LSTA, and APLMA. The GBP and GLP set forth eligible categories for green instruments and outline voluntary processes that recommend transparency in information disclosure and promote best practices in environmentally focused fundraising (“Green Instrument Principles”).

This Green Instruments Framework is aligned with the four core components of the Green Instrument Principles, which are:

- Use of Proceeds;
- Process for Project Evaluation and Selection;
- Management of Proceeds;
- Reporting.

The Framework also observes the transparency recommendations of the Green Instrument Principles, namely:

- The existence of a formal framework;
- The obtaining of a Second-Party Opinion (“SPO” or “Opinion”), issued by an external verifier with recognized expertise in sustainable finance (“External Reviewer”).

**In addition to the principles described above, transactions under this Framework will voluntarily observe the “ESG Securities Offering Guide” issued by the Brazilian Financial and Capital Markets Association (Anbima).**

### **1) Use of Proceeds**

The Company intends to allocate an amount equivalent to the net proceeds obtained from any Green Instrument to the financing or refinancing, in whole or in part, of existing and/or future green projects or investments that deliver clearly beneficial environmental outcomes (“Eligible Investments”).










**Eligible Investments will include expenditures from the date of issuance of the respective Green Instrument and those made up to 24 months prior to the issuance date.**

Transactions related to Eligible Investments will be subject to compliance with applicable laws and regulations, as well as Takoda’s policies. **All Eligible Investments must provide clear environmental benefits directly aimed at addressing or mitigating a specific sustainability issue, such as climate change mitigation, energy efficiency in the company’s operations, and/or the pursuit of positive environmental outcomes.**


The eligible categories have been defined based on the ICMA Green Bond Principles and the LMA Green Loan Principles, ensuring alignment with the best international practices described above.

Below are the Eligible Uses of Proceeds (UoPs), their respective categories, environmental objectives, and contributions to the United Nations Sustainable Development Goals (SDGs):

Table 1: Eligibility Criteria for Takoda's Green Instruments

Eligible Category	Description	Alignment with the SDGs
Energy Efficiency	<p>1 Investments related to the construction, development, maintenance, and/or operation of data centers, as well as investments in equipment and/or technologies that reduce energy consumption and/or increase energy savings in data centers, with a target PUE <math>\leq 1.45</math> on an annual basis, considering an IT Load of at least 60%.</p> <p><b>Environmental objective:</b> To reduce or maintain energy consumption and greenhouse gas emissions associated with the operation of data centers, promoting efficient resource usage and lower carbon intensity compared to conventional facilities.</p>	  
	<p>2 Replacement of outdated equipment in data centers with new, higher energy-efficiency equipment. These investments aim to improve the energy and thermal performance of the facilities, reducing energy consumption and optimizing the operation of critical infrastructure systems.</p> <p><b>Environmental objective:</b> To promote asset modernization and increase the operational efficiency of data centers, resulting in reduced energy consumption and associated emissions. To support the transition to a more sustainable, lower-impact technological infrastructure.</p>	  
Renewable Energy	<p>1 Investments in certified renewable energy (I-RECs) linked to Power Purchase Agreements (PPAs). PPAs establish commitments for the procurement of energy from renewable sources, including wind energy for the data centers in Brazil, contributing to the financial feasibility of new clean generation projects and increasing the share of renewable energy consumed by the data centers.</p> <p>Investments related to:            Construction, development, acquisition, maintenance, and/or operation of renewable energy facilities, including:</p> <ul style="list-style-type: none"> <li>- solar and/or wind energy.</li> <li>- long-term investments in certified renewable energy (I-RECs) linked to a Power Purchase Agreement (PPA).</li> </ul> <p><b>Environmental objective:</b> To support the expansion and financing of renewable energy</p>	  



	generation projects, reducing the carbon intensity of operations.	
<b>Green Buildings</b>	<p>1 Investments related to the design, construction, operation, and maintenance of data center buildings that hold, or are expected to hold, one or more of the green certifications listed below, considering the building structure or its operation (with a target PUE <math>\leq 1.45</math> on an annual basis, assuming an IT Load of at least 60%):</p> <ul style="list-style-type: none"> <li>- Leadership in Energy and Environmental Design (LEED) rated Gold or Platinum.</li> <li>- Excellence in Design for Greater Efficiencies (EDGE) Level 2 (EDGE Advanced) and Level 3 (Zero Carbon).</li> </ul> <p><b>Environmental objective:</b> To promote asset modernization in accordance with widely recognized certification standards.</p>	

#### Exclusion List:

In the context of this Framework, Takoda commits not to use the proceeds for projects:

- (i) that result in restrictions on individuals' rights and freedoms or violations of human rights, including the production, use, trade, or activities involving harmful or exploitative forms of forced labor/child labor, as defined by the Fundamental Labour Conventions of the International Labour Organization (ILO);
- (ii) that are not in compliance with Law No. 12.846/2013 (the Brazilian Anti-Corruption Law);
- (iii) related to the acquisition, development, operation, or maintenance of electricity or heating generation systems, new or existing, based on fossil fuels (including but not limited to coal, oil, and/or natural gas assets);
- (iv) exclusively dedicated to connecting and/or expanding generation plants that use fossil fuels.
- (v) that impact Indigenous lands, Quilombola territories, or protected areas without the required legal authorization.

## 2) Project Evaluation and Selection Process

The **Environmental Management, Infrastructure Engineering and Expansion, Finance, Governance, People & Culture, Audit & Quality, and Data Center Infrastructure** teams will be responsible for identifying and evaluating projects that align with the Eligible Categories described in Table 1 and that may receive proceeds from the Green Instruments. Representatives from the Finance and Environmental Management teams will select the applicable projects and submit them to the Executive

Committee for final approval. In addition, the Finance, Environmental Management, and Governance teams will be responsible for monitoring the allocation of proceeds and preparing periodic reports. If any project ceases to be eligible, the Company commits to reallocating the proceeds to eligible projects within six months.

This process seeks to ensure that the projects receiving proceeds from the Green Instruments:

- ✓ comply with the Eligibility Criteria described in this Framework;
- ✓ meet the Company's environmental and social risk mitigation process; and
- ✓ comply with applicable legal and environmental requirements.

### 3) Management of Proceeds

Green Instruments may be issued by Takoda.

An amount equal to the net proceeds will be allocated to eligible projects, as defined in the "Use of Proceeds" section of this Framework for each green instrument issuance, **and the proceeds must be fully allocated by the maturity date of the Green Instrument. In cases of refinancing**, this will be limited to expenditures on projects/assets incurred within 24 months prior to the financing.

Until full allocation of the proceeds has been achieved, the Company will maintain an amount equivalent to the unallocated balance of the Green Instruments in cash, cash equivalents, or other low-risk liquid investments (such as government securities or instruments issued by financial institutions rated by major credit rating agencies). Additionally, the Company will not use the same green project for more than one financing, thereby avoiding double counting.

### 4) Reporting

Takoda will prepare an annual report on the allocation of proceeds to eligible projects, including the progress of environmental indicators (as described below). This report will be made available in a timely manner on its website (<https://takodadatacenters.com/transparência/>) until full allocation of the proceeds ("Annual Report"). **The Annual Report may be included in the Sustainability Report**, in the annual financial report, or in a standalone report, at the sole discretion of the Company.

The annual reports will include details regarding the financial allocation of the Green Instruments issued under this Framework, including information on:

- The total amount of proceeds allocated to eligible projects (in BRL and as a percentage of total proceeds raised); and
- The proportion of refinancing versus future expenditures.

The reports will also include details on the observed impact indicators, in accordance with the ICMA Harmonized Framework for Impact Reporting of June 2024, as outlined below:

## INDICATORS

### Energy Efficiency:

1. Projected PUE (Power Usage Effectiveness)  $\leq 1.45$  and verified after the start of operations, including an installed IT capacity of at least 60%.
2. PUE of existing Data Centers.
3. Energy efficiency achieved through the replacement of financed equipment (%).

### Renewable Energy:

1. Annual volume of certified renewable energy purchased (MWh) via PPAs.
2. Share (%) of renewable energy in the total consumption of the Data Centers..

### Green Buildings:

1. Number of certified Data Centers.

## 5) External Review

Takoda has obtained an Opinion from an External Reviewer attesting to the alignment of this Framework with the Green Instrument Principles. The Opinion is publicly available on its website (<https://takodadatacenters.com/transparencia/>). For each issuance of an Annual Report describing the use of proceeds and the impacts achieved, an External Reviewer will assess the projects to which the proceeds have been allocated, evaluating their compliance with the eligibility criteria.

## 6) Review

Takoda may revise this Framework in the event of material changes to its scope or to the selected categories. Such revision may result in an updated version of this Framework, which will be subject to the issuance of a new Opinion. Any future updated version of this Framework will maintain or enhance the current levels of transparency and reporting, including the corresponding review by an External Reviewer. The updated Framework, if issued, will be published on Takoda's website and will replace this Framework.

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*The information and opinions contained in this Document take into consideration the Green Bond Principles, 2025 ("GBP") issued by ICMA and the Green Loan Principles, 2025 ("GLP") issued by LMA, LSTA, and APLMA, and are provided as of the date of this Document and are therefore subject to change without prior notice. The Company is under no obligation to update this Document considering new information and/or new guidelines and/or future events. This Document is not intended to and may not be relied upon to create legal relationships, rights, or obligations.*