



# **IBISKA'S PATHWAY TO NET-ZERO**

## **NET-ZERO CHALLENGE – PRELIMINARY PLAN**

**PRESENTED BY:  
IBISKA TELECOM INC.**

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## NET-ZERO CHALLENGE COMMITMENT LETTER

By completing this Commitment Letter you are voluntarily agreeing to provide the personal information requested below (company name, name and title of signatory) to Environment and Climate Change Canada. This information will be used solely by and for the Net Zero Challenge program and will be appropriately safeguarded.

I am pleased to confirm that IBISKA Telecom Inc is committing to join the Net-Zero Challenge and setting a goal to achieve net-zero emissions by 2050.

By signing this letter and properly selecting one of the three participation streams below, we agree to fulfill the following requirements of the Challenge:

1. Develop a preliminary net-zero plan within 12 months of joining the Challenge, and a comprehensive net-zero plan within 24 months of joining the Challenge;
2. Set at least two interim emissions reduction targets consistent with achieving net-zero by 2050, or at least one interim emissions reduction target consistent with achieving net-zero by 2040 (no interim emissions reduction target is required for achieving net-zero by 2030 or earlier);
3. Report on progress annually and review and update the net-zero plan at least once every five years; and
4. Submit the Participation Checklists to the Net-Zero Challenge, to ensure that the minimum requirements are met and to determine placement in the appropriate participation tier

Stream 1 – Large industrial emitters: my company commits to develop and implement a plan to achieve net-zero GHG emissions by 2050 across scope 1 and 2 emissions, and to consider the inclusion of the most relevant scope 3 emission categories to our company in the net-zero plan.

Stream 2 – Financial institutions: my company commits to develop and implement a plan to achieve net-zero GHG emissions by 2050 across scope 1 and 2 emissions as well as our scope 3 emissions related to our investing and/or lending portfolios (scope 3 category 15).

Stream 3 – All other companies: my company commits to develop and implement a plan to achieve net-zero GHG emissions by 2050 across scopes 1 and 2 emissions, and to include the single most relevant scope 3 emission category to our company in the net-zero plan (note that small- and medium-sized enterprises are exempt from the scope 3 requirement).

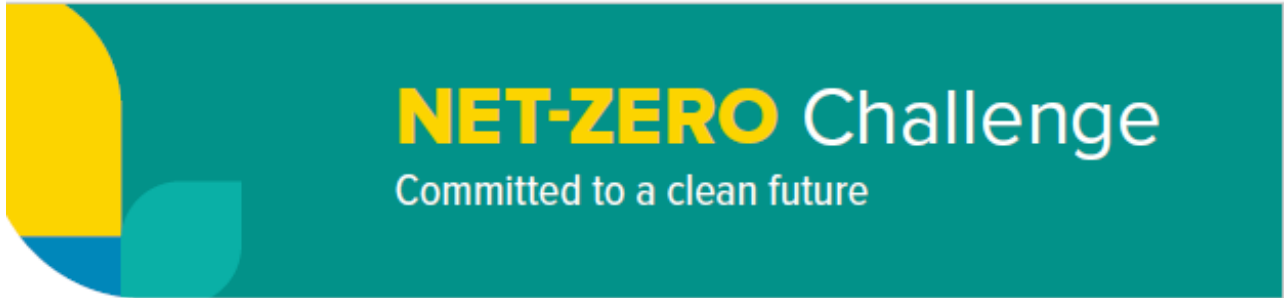
In doing so, we are proud to be recognized by the Net-Zero Challenge, and to join businesses throughout Canada that share the same ambition.

Signature:

Date: Feb 17, 2023

Name of Signatory: Narindar Khabra

Position or Title of Signatory: President



## CONFIRMATION OF PARTICIPATION

Congratulations on joining the **NET-ZERO CHALLENGE!**

This document confirms that IBISKA Telecom Inc is a participant in Environment and Climate Change Canada's **NET-ZERO CHALLENGE**.

The **NET-ZERO CHALLENGE** is a voluntary initiative that aims to encourage businesses to develop and implement credible and effective plans to transition their facilities and operations to net-zero emissions by 2050.

To remain in the **NET-ZERO CHALLENGE** your company must continue to meet the participation requirements as outlined in the [Technical Guide](#). This will ensure that your company maintains active participation. You may contact the **NET-ZERO CHALLENGE** program directly at any time to seek clarification or guidance.

This document may be updated and reissued with new participant information, as necessary.

**Name of Company/Business:** IBISKA Telecom Inc

**Current Participation Tier:** Committed

**Date:** February 17, 2023

Please keep this confirmation document for your records.

All the best!

### JOHN MOFFET

Assistant Deputy Minister / Sous-ministre adjoint  
Environmental Protection Branch / Direction générale  
de la protection de l'environnement

Environment and Climate Change Canada  
Environnement et Changement climatique Canada

### NET-ZERO CHALLENGE

Environment and Climate Change Canada  
[defizeronet-netzerochallenge@ec.gc.ca](mailto:defizeronet-netzerochallenge@ec.gc.ca)



Environment and  
Climate Change Canada

Environnement et  
Changement climatique Canada

Canada

## **NET-ZERO CHALLENGE: AN OVERVIEW**

### **Context**

The science shows that it is vital that the world does more to address climate change and keep the Paris Agreement target of limiting temperature increase by 1.5°C within reach. Understanding the urgency to act, the Government of Canada is committed to reducing Canada's emissions by 40-45% from 2005 levels by 2030 and putting Canada on a path to reach net-zero emissions by 2050. However, achieving net-zero emissions requires support from all parts of our society, including the private sector, which is why IBISKA has joined the challenge of becoming Net-Zero by 2050.

### **What Does Net-Zero Mean?**

Net-Zero emissions refers to a state where emissions of greenhouse gases (GHG) due to human activities and removals of these gases are in balance over a given period. This balance can be achieved by both reducing the amount of GHG emissions to as close to zero as possible and offsetting those remaining emissions through actions that remove GHG from the atmosphere, such as tree planting or deploying technologies such as direct air capture.

### **How does IBISKA fit in?**

IBISKA has been concerned about the impact our company has on the environment long before this was a topic of discussion in our Industry. Fifteen years ago, in 2008, IBISKA hired a Sustainability Consultant to assist in developing an analysis of our company's environmental impact and to design an actionable Sustainability Action Plan. This reflection led us to adopt a strong focus on IBISKA's responsibility as a "Corporate Citizen" towards our community and the environment in which we operate. Our company implemented changes to our office environment and our operations to reduce environmental impacts and our carbon footprint. Although IBISKA never tracked these reductions in terms of tonnes of Carbon Dioxide Equivalent (tCO<sub>2</sub> eq), we did implement many of the proposed changes in our everyday practices and, in turn, as an organization we have become more environmentally conscious.

With growing global environmental and climate change concerns, IBISKA was very happy to join the Environment and Climate Change Canada's (ECCC's) Net-Zero Challenge in early 2023. Since joining the challenge, IBISKA struck a committee that is spearheading our commitment to Net-Zero by 2050 and enlisted the support of Professor James Meadowcroft (Carleton University) and Lorne Johnson (Ivey Foundation), well known subject matter experts in the field. So far, James and Lorne have provided invaluable information/education to our team as well as technical guidance in developing our baseline and preliminary plan. Our team is highly motivated to work towards achieving our net-zero goal through the setting of achievable targets and the documentation of actions to be taken in order to achieve these targets.

IBISKA is eager to get onboard this program and invest time and energy doing our part for the environment!

## **IBISKA NET-ZERO ANNOUNCEMENT**

IBISKA commits to being net-zero across its Scope 2 and Scope 3 emissions by 2040 or earlier.

We are pleased to announce that in February 2023, IBISKA joined Environment and Climate Change Canada's (ECCC's) Net-Zero Challenge, which requires companies to develop and implement a plan to reach net-zero greenhouse gas emissions by 2050 in accordance with the Paris Agreement.

We have come a long way in the last couple of months in establishing IBISKA's Greenhouse Gas (GHG) emissions baseline which has served as our Net-Zero starting point. We are working with sustainability resources to identify our biggest emission categories and chart IBISKA's pathway to Net-Zero, including defining our reduction strategies and setting interim targets.

Significant action is crucial to reduce global emissions quickly enough to avoid worst-case-scenario climate outcomes. We are confident that, together, IBISKA can do our part and reach Net-Zero by (or before) 2050.

Stay tuned for more information as IBISKA finalizes our plans!

*Visit our [website](#) or follow us on [Social Media](#) for our latest updates.*

## GREEN HOUSE GAS (GHG) EMISSIONS INVENTORY

### Baseline

IBISKA is setting our GHG emissions inventory baseline for the period of May 1, 2022, to April 30, 2023.

We decided to use this time period as it was the first 12-month period post-COVID where IBISKA's operations started to adopt its *new normal*.

### Organizational Boundaries

As a Canadian-based company, with headquarters in Ottawa Ontario, IBISKA's GHG emissions inventory is calculated based on our geographical location as follows:

99 Bank Street, Suite 405  
Ottawa, Ontario  
K1P 6B9 Canada

**Building size:** 966,461 square feet

**Suite size:** 3,552 square feet

IBISKA's office is located in a LEED Certified building run by BentallGreenOak (BGO) property management. This building has the distinction of being the first building in the National Capital Region to be awarded both LEED-EB Platinum and Boma Best Platinum certifications, the highest green building certifications attainable in Canada.

For more information on building and property management environmental impacts please see links below:

- For more information on building specific environmental measures visit <https://slfcottawa.com/about/>
- For more information on BentallGreenOak and their 2023 environmental, social and governance report visit <https://bgo.com/news-and-insights>

### Scope 1, 2 and 3 emissions

#### What are Scope 1, 2 and 3 emissions?

Throughout this report, we refer to Scope 1, 2 and 3 emissions. Each scope represents a different category of greenhouse gas emissions that make up our overall GHG footprint or profile. We used guidance from the *Greenhouse Gas (GHG) Protocol*, the *Science Based Targets initiative*, *Canada's Greenhouse Gas Reporting Program (GHGRP)*, the *Strategic Assessment of Climate Change*, and the *Federal Greenhouse Gas Offset System* to define these scopes:

- **Scope 1 emissions** are direct emissions (i.e., greenhouse gases released into the atmosphere from our sites). Typically, these include fuels combusted for space heating or hot water heating. See Table 1 below for more information.

- **Scope 2 emissions** are indirect emissions associated with the purchase of electricity, steam, or district heating or cooling for spaces that are operated for IBISKA’s use.
- **Scope 3 emissions** are indirect emissions not directly controlled by a company but related to activities that are upstream or downstream from its operations (see Table 2 below). For IBISKA, upstream emissions are mainly comprised of emissions produced from business travel and employee commuting.

Scope 1:

As an office-based organization, IBISKA does not produce any Scope 1 emissions as identified in the table below. IBISKA’s operations are strictly in providing IM/IT services and does not operate any GHG emitting production, processing, or transportation activities.

**Table 1:**

Type of Activity	Description
Generation of electricity, heat or steam	Emissions from fuel combustion in company owned/controlled stationary sources (e.g., boilers, furnaces, turbines).
Physical or chemical processing	Emissions from manufacture or processing of chemicals and materials (e.g. cement, petrochemicals) and waste processing.
Transportation of materials, products, waste and employees	Emissions from the fuel combustion in company owned/controlled mobile combustion sources (e.g., trucks, trains, ships, airplanes, buses, and cars).
Fugitive emissions	Emissions from intentional or unintentional releases (e.g., equipment leaks from joints, seals, packing, and gaskets; methane emissions from coal mines and venting hydrofluorocarbon (HFC) emissions during the use of refrigeration and air conditioning equipment; and methane leakages from gas transport).

IBISKA will not be reporting any Scope 1 emissions.

Scope 2:

IBISKA’s Scope 2 GHG emissions include electricity and natural gas consumption which is provided and controlled directly by BGO property management. Building electricity is sourced from Hydro Ottawa, and natural gas is combusted directly on site to operate the building’s boiler heating system.

IBISKA’s annual electrical and natural gas consumption for our baseline period are summarized below:

**Electrical Consumption:** 11,871 kWh

**Natural Gas Consumption:** 236.31 m<sup>3</sup>

*\*Note: Natural Gas consumption is an estimate based on square footage of our office space. There is no office unit specific consumption available.*

IBISKA’s total Scope 2 GHG emissions equates to 3.23 tCO<sub>2</sub>e.



**Scope 3:**

Even though Scope 3 emissions are hard to calculate and are beyond IBISKA's direct means of control, upstream and downstream activities are major contributing factors of our overall emissions profile. Table 2 below illustrates all 15 upstream and downstream activities.

**Table 2:**

<b>Upstream Activities</b>	<b>Downstream Activities</b>
1) Purchased goods and services	9) Downstream transportation and distribution
2) Capital goods	10) Processing of sold products
3) Fuel- and energy-related activities	11) Use of sold products
4) Upstream transportation and distribution	12) End-of-life treatment of sold products
5) Waste generated in operations	13) Downstream leased assets
6) Business travel	14) Franchises
7) Employee commuting	15) Investments
8) Upstream leased assets	

IBISKA has chosen to focus on activities **6) Business travel** and **7) Employee commuting** as part of our Scope 3 GHG emissions inventory as these represent the vast majority of our Scope 3 profile.

IBISKA considers upstream activity 6) Business travel as the most relevant Scope 3 emissions category as it is something that is directly within our control. That being said, 7) Employee commuting is a significant portion of our overall profile which is why we decided to include both in our Scope 3 emissions inventory. We are going to work in the coming year to confirm what IBISKA can do within its sphere of influence to reduce emissions from employee commuting and will set targets accordingly.

In order to provide best estimates of these GHG emissions, IBISKA created a commuting survey and distributed it to all employees (see [Attachment 1 – Commuter Survey](#), of this document for more information). With the information gathered, IBISKA was able to estimate GHG emissions for Scope 3 upstream activities which is summarized below.

Business Travel = 4,750 km/year = 1.17 tCO<sub>2</sub>e

Employee Commuting = 155,433 km/year = 30.16 tCO<sub>2</sub>e

Total Scope 3 GHG emissions equates to 31.33 tCO<sub>2</sub>e

**ATTACHMENT 1 – COMMUTER SURVEY**

## Commuter Survey

Question	Response
How many days are you in office per week?	
How do you primarily commute to work? (Select all that apply.)	
<ul style="list-style-type: none"> <li>• Drive</li> </ul>	
<ul style="list-style-type: none"> <li>• Transit                             <ul style="list-style-type: none"> <li>○ Please specify bus/LRT and provide distance in kms (one way) for each.</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>• Walk/Cycle</li> </ul>	
<ul style="list-style-type: none"> <li>• Other (please specify)</li> </ul>	
<p>Please provide any other relevant details to your commute, i.e. use public transit in winter months, cycle during summer, etc..</p> <p>If your commuting habits change seasonally or based on weather conditions, please provide estimated month ranges for each mode of transportation.</p>	
<b>If you drive/commute with a personal vehicle:</b>	
Please provide the estimated distance of your commute, one way, in kms	
<p>Please provide the make, model, and year of your vehicle.*</p> <p><i>*We recommend providing this information to help calculate the most accurate GHG emissions estimate possible; however, if you are uncomfortable providing this information for any reason, please simply provide the body type (car/sedan, cross-over/small SUV, truck/standard SUV) and fuel type (gasoline/diesel) for your vehicle.</i></p>	
Please provide any other relevant information about your vehicle (i.e., hybrid, E-vehicle, etc.) if applicable	

If you carpool, please provide the following:	
<ul style="list-style-type: none"><li>• How many days per week do you carpool?</li></ul>	
<ul style="list-style-type: none"><li>• Number of carpool participants:</li></ul>	
<ul style="list-style-type: none"><li>• Do you carpool with other IBISKA employees?</li></ul>	
<b>If you drive to off-site meetings:</b>	
Please provide your estimated mileage, in kms, from May 1, 2022 to April 30, 2023 inclusive.	