



Globe

# Building More Liveable and Intelligent Cities Through Renewables, Energy Efficiency, IoT & Connectivity

Liveable Cities Lab  
(Asian Institute of Management)

June 10, 2026



## INTRODUCTION



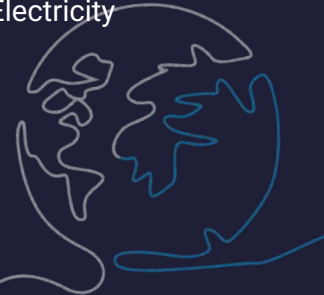
## NET ZERO

Net Zero Journey  
Strategy and Progress



## SOLUTIONS AND INNOVATIONS

Energy Efficient Technologies  
Renewable Energy and Retail Electricity



Go **Forward** Together



# Globe Telecom, Inc.

**VISION** We see a Philippines where families' dreams come true, businesses flourish, and the nation is admired.

**MISSION** Uplift the Lives of Filipinos Every Day

**PURPOSE** In everything we do, we treat people right to create a GLOBE OF GOOD.



67.94 million  
registered  
mobile and  
broadband  
customers

as of end 2025



1st Philippine  
PLC with  
approved  
net-zero  
science-based  
targets



UN Global  
Compact  
Participant



TIME x Statista World's Most  
Sustainable Companies 2025  
(Only two PH companies in the list; sole  
telco)

# Sustainability is our Purpose in Action



## The Globe Purpose

In everything we do, we treat people right to create a Globe of Good.

We align our ESG practices with Global Sustainability Frameworks and Industry Leaders

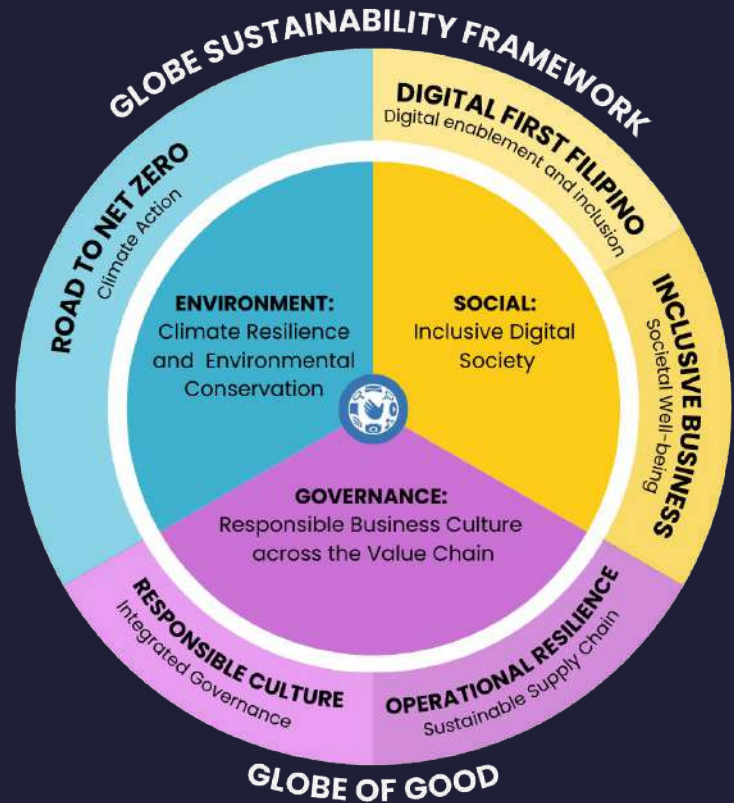
**WE SUPPORT**

3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	8 DECENT WORK AND ECONOMIC GROWTH	11 SUSTAINABLE CITIES AND COMMUNITIES	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	14 LIFE BELOW WATER	15 LIFE ON LAND	17 PARTNERSHIPS FOR THE GOALS	13 CLIMATE ACTION

**Ayala**

**BUSINESS AMBITION FOR 1.5°C**

**TRACE TO ZERO**



# Globe's Net Zero Journey



**2008-2015**

## Started GHG Accounting

GHG Protocol-aligned Carbon Emissions accounting and reporting in Annual Sustainability Report

## LEED Gold Certified HQ

Aligning with the top standard on green building design and operations

## Green Network Solutions

Deployment of fuel cells, lithium ion batteries, free cooling system, DC-Hybrid Power Unit



**2016-2018**

## Commitment to 10 UN SDG

With focus on SDG 13 Climate Action and SDG 9 Industry, innovation, and Infrastructure

## Supplier Code of Ethics

Established standards for vendors of the Globe Group

## Streamlined Operational Policies

Business Continuity, Environmental Management, Occupational Health & Safety



**2019-2020**

## Globe shifts to Renewable Energy starting w/ HQ

via RCOA Power Purchase Agreement (PPA)

## Signatory to UN Global Compact

Supporting ESG Principles

## Committed to Race to Zero

As part of GSMA Climate Action Taskforce

## IMS Certification

## Sustainability Inclusion in the BSC



**2021**



## Committed to support TCFD

Together with the Ayala Group and conducted a climate scenario analysis



## Committed to the SBTi to set science-based targets

## 14 sites shifted to RE to date



**2022-2024**

## SBTi validated Net Zero targets

Covering Scopes 1 to 3 emissions

## 29 sites shifted to RE

through RCOA and Green Energy Option Program (GEOP) PPA

## Acquired ISO 50001: Energy Management System (EnMS) Certification

for corporate offices, data centers, cell sites, and stores



**2025**

## 350+ sites powered by RE

through Retail Aggregation Program (RAP) PPAs

## 245 Electric Vehicles (EVs) & Hybrid EVs

For both fleet, employee shuttles, and car plans as of end 2025; with a target to reach 500 for fleet alone by 2028

## Commitment to 1.5°C Path

Globe is dedicated to achieving its SBTi-validated Net Zero targets by 2050, aligning its enterprise business strategy with the 1.5°C global warming limit set by the Paris Agreement.

### Core Climate Strategy Pillars

- Decarbonization of Operations
- Operational and Infrastructure Resilience
- Value Chain Engagement

## Embedding Climate Transition and Resilience

Decarbonization is tied to compensation and capital allocation:

- **Performance Remuneration:** 10% of overall Corporate BSC and 5% of LTIP for select executives are linked to ESG metrics
- **Internal Carbon Pricing (ICP):** Utilizes a shadow price of USD 20/tonne of CO<sub>2</sub> to steer capital toward sustainable assets

## 2025 GHG Emissions Progress

Performance significantly outpaced near-term reduction targets:

**15% reduction** in Scope 1 & 2 (Target: 4.2%)

**9.5% reduction** in Scope 3 (Target: 2.5%)

*Note: Baseline recalculation in progress due to site transfers to TowerCos and STT GDC.*

## Renewables & Energy Efficiency Milestones

- **RE Mix:** 34% in 2025 (from 24% in 2024); on track for 42% by 2030
- **RE-Powered Sites:** 358 sites by end-2025 (12x increase from 2024); goal of at least 3,000 sites by 2028
- **Green Solutions:** 20,800+ NEW energy-saving solutions deployed in 2025

# Solutions & Innovations: Energy Efficient Technologies



Deployment of energy-efficient technologies is a critical component of Globe's "Green Network" strategy. In 2025, over 20,800 newly deployed solutions generated **PHP 510 million in savings**.

## ❄️ Cooling & Thermal

**Free Cooling:** Reduced mechanical refrigeration; PHP 712k cost savings.

**HVAC Upgrades:** Replaced belt-driven systems with ceiling alternatives.

**AI-Driven:** Intelligent building cooling in place in 1 site; 2 more sites in 2026.

## 💡 Smart Optimization

**Artificial Intelligence Integration:** Automatic site calibration based on demand. Reduced energy by 6.5%.

**Network Function Virtualization (NFV) Storage:** Automated shutdown of unused servers ensuring load efficiency.

## 🔋 Upgrades & Batteries

**Equipment Retirement & Upgrades:** Shutdown of legacy network equipment saved 6.4 million kWh in 2025.

**RuralLink:** Integrated antennas consumed 65% less power.

**More Efficient Batteries:** Shift to Lithium-ion and Sodium-Nickel batteries.

**Data Centers:** PUE improved from 1.72 (2024) to 1.64 (2025).

# Solutions & Innovations: Renewable Energy & Retail Electricity



2013

## RCOA Launch

Shifted 3 sites to the retail electricity market

1 Megawatt (MW) initial RCOA threshold

2017

## Threshold Lowering

Shifted 7 large Globe sites, including all eligible 1MW+ sites

RCOA threshold reduced to 750 kW

2019

## Renewable Energy Transition

Started Renewable Energy (RE) sourcing

Shifted 2 sites to RE

All retail service contracts (RSC) renewals shifted to RE power plants

2020-2021

## RCOA Threshold Lowering

RCOA threshold reduced to 500 kW

Shifted 2 largest sites to RE

Outwit the Fuel Cost Recovery Adjust (FCRC) high coal prices in 1st Q2-Q3 affected by the Ukraine-Russia war

2022-2023

## Market Expansion

GEOP threshold lowered to 100 kW

Shifted 12 Globe sites to RE

Encountered limited RES due to high demand for RE

Avoided \$400/MT coal price surge

2024

## Mindanao + On-site Solar

RCOA started in Mindanao

Shifted 3 more sites to RE

Limited RES vendors due to transmission interconnection issues

53 sites with on-site solar PV installed

2025

## Renewable Energy Scale-up

First Telco to switch cell sites electricity sourcing to RE through the RAP

Scaled-up RE sourcing to reach more than 350 sites (combined off-site RE through PPAs and on-site solar PV)

# Latest ESG Recognitions



**AA Rating**  
Latest Full Rating Update: August 2024



**Medium ESG Risk Rating**  
Latest Full Rating Update: June 2025



**10th Straight Year** as a constituent company in the FTSE4Good Index Series  
Latest Full Rating: June 2025





**Five (5) Golden Arrow Award for Corporate Governance** for four (4) straight years (2025)

# Go Forward Together



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 @Globe-Telecom



 @GlobeOfGood  
 @GlobeBridgeCom  
 @GlobeOfGood



 @CarlCruz0917  
 @CarlCruz0917



GLOBE WEBSITE



GLOBE ONE



2025 GLOBE INTEGRATED REPORT



Globe is an Active Participant in the UN Global Compact and supports 10 of the 17 SDGs



**RACE TO ZERO**