



MACHU PICCHU

First Neutral Certified Wonder of the world



GENERAL INFORMATION



Location: Machupicchu, Cusco, Perú.



Number of tourists in 2019: **1.5 million.**



INTRODUCTION

Located in the town of Machupicchu. It is an ancient Inca situated in the Eastern Cordillera of southern Peru, recognized for its impressive architecture and mountain scenery. Since 2007, it has been considered one of the world's wonders. Machu Picchu is integrating Climate and Nature Positive Actions in its destination management model, investing in carbon mitigation, and restoring degraded areas through tree planting.



CLIMATE ACTION

Machu Picchu was recognized as the first Carbon Neutral Wonder of the World in 2021, starting its roadmap to carbon neutrality. Among the achievements that support that effort are:

International Pledge for Climate Action (Climate Pledge)



Glasgow Declaration Signature (2022)



Carbon Footprint Assessment: Scopes 1, 2 and 3



Carbon Mitigation Verified



GHG EMISSIONS

Key Actions:



Installation of a plant for the transformation of oils into biodiesel.



Installation of a pyrolysis plant to use organic waste to convert it into a product called biochar. Biochar is used as a fertilizer to improve soil properties and has a high capacity to fix or absorb carbon dioxide.



Installation of a Plastic Waste Compactor Plant for cleaning and recycling.





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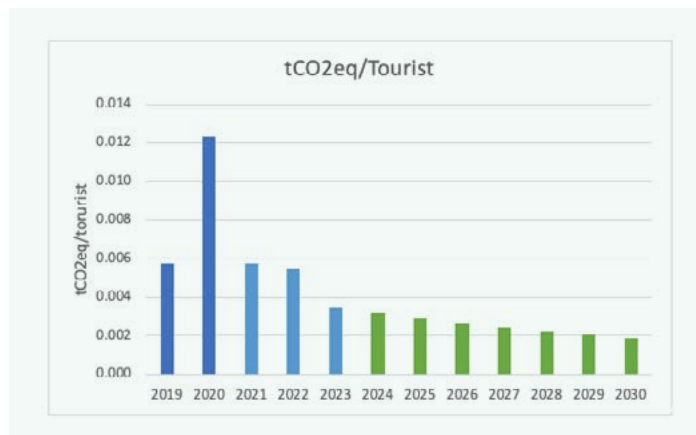


EXPECTED GROWTH FOR THE TOURISM INDUSTRY OF 5,8% PER YEAR

2021: – Measured carbon footprint baseline

2022/2023: – Under development

2024/2025 – Expected carbon footprint.



OTHER SUSTAINABILITY EFFORTS



Ensure engagement of tour operators and logistical partners such as train and transportation companies.



Mobilize climate-smart public and private investment for net zero tourism development.



Engage tour operators and logistical partners to integrate climate action into the core of the business model.



Support local communities to engage in circular economy activities and other climate and nature-positive actions.



Enhance tourism in climate-smart traveling in Machu Picchu, promoting collaborations in climate and nature-positive activities.



LOOKING INTO THE FUTURE

Lessons learned



Scale up strategic mitigation efforts such as waste management to produce biochar. A relevant agricultural product that reduces cost and supports the bioremediation of lands.



Scale up the production of biofuels, which can reduce the contamination from traditional diesel.

Challenges to Address



Improve energy efficiency in public and private services, consistently increasing natural gas consumption and modernizing the standard of general illumination services.



Raise the standards for local train and transportation services through the electrification of mobility.



Elimination of all single-use plastic.



Innovative performance indicators and cost analysis must be considered to make climate investments effective.



To learn more about climate action in tourism, please visit

www.greeninitiative.eco

For downloading Green Initiative's Climate Action Guide for Tourism,

[click here](#)