

Inkaterra Asociación: Sustainable Machu Picchu

Inkaterra Group, the world's first climate positive hotel group, has contributed to making Machu Picchu carbon neutral thanks to eco-conscious initiatives and offsetting efforts across its portfolio of luxurious Peruvian properties. Sustainable Machu Picchu is their efforts to turn Machu Picchu the first carbon-neutral wonder of the world.



Plastic Compacting

In 2017, Sustainable Machu Picchu's first initiative took place - the donation of a compacting machine to process 7 tons of plastic waste along the Inca Trail route daily, transported by train to recycling plants in Cusco. This Project was essential to solve the waste management crisis in Machu Picchu, avoiding its inclusion into UNESCO's Patrimony at Risk list.

Bio Diesel Production

The Biodiesel and Glycerin Production Plant opened in 2018 within the grounds of Inkaterra Machu Picchu Pueblo Hotel. With the collection of used cooking oil from homes, lodges and restaurants in Machu Picchu spillage in the waters of Vilcanota River is avoided. According to studies, one liter of used oil pollutes one thousand liters of water. Thus Inkaterra promotes the donation of used oil among homes, hotels and restaurants throughout Machu Picchu Pueblo. Local biodiesel production reduces the use of fossil fuels, as well as the carbon footprint due to fuel transportation from Lima to Machu Picchu (1150km).

Organic Waste Treatment

The Organic Waste Treatment Plant process organic waste through pyrolysis - chemical decomposition at high temperature in absence of oxygen. This process turns waste into bio-char, a natural fertiliser that contributes to the reforestation of the Andean cloud forest as

Impact:



Processing 7 tonnes of plastic waste for recycling daily



90 litres of biodiesel produced daily



8 tonnes of organic waste processed each day



One million trees nurtured within the Machu Picchu Natural Reserve

