



# Reducing Your Footprint by Action: The CO<sub>2</sub> Calculator

## The Concept

CO<sub>2</sub> calculators help individuals understand the climate impact of everyday activities such as travel, energy use and consumption. In Seychelles, this concept goes further by linking carbon calculation directly to local climate action.

Instead of stopping at awareness, users are encouraged to take responsibility by contributing to tree planting and ecosystem restoration. Forests are the second-largest carbon sink after oceans, storing up to 30% of global carbon.

This creates a simple pathway:

**measure your footprint**



**understand your impact**



**take action locally.**

## Seychelles in Focus

Seychelles has a population of around **107,000 residents**, but welcomed over **350,000 visitors** in 2024, placing pressure on a small island system.

Tourism is a key economic sector and a major source of carbon emissions, particularly from long-haul flights and energy use. At the same time, the country remains highly vulnerable to sea level rise, coastal erosion, and coral bleaching, making climate action a priority.

In response, initiatives such as Green Footprint Seychelles (launched in 2020) link visitor emissions with local action, encouraging contributions to tree planting and ecosystem restoration across the islands.

## How it works:



In Seychelles, CO<sub>2</sub> calculators are integrated into tourism and sustainability initiatives.

Users calculate their emissions through an online tool by entering data such as:

- travel distance of flights
- accommodation types

The tool provides an estimate of the the produced carbon footprint during the visit to the Seychelles.

Users are invited to compensate for their carbon emissions by contributing to local initiatives, either by paying a fee (50 SCR) to support tree planting activities, or by directly participating in organised planting events. Through programmes like Green Footprint Seychelles, participants can directly contribute by sponsoring or taking part in tree planting activities, which are organised regularly and linked to national conservation efforts.



Source: [www.spga.gov.sc/green-footprint-sey](http://www.spga.gov.sc/green-footprint-sey)

## The Travelling Idea

Linking carbon calculation with direct local action transforms awareness into responsibility, connecting global emissions with tangible environmental solutions.

## Takeaway



When emissions are linked to actions like planting trees, climate awareness becomes local impact.

