CARBON CALCULATOR
The Travel Corporation's Trip Carbon Calculator Methodology
In recognition of the role that the tourism industry plays in the global climate crisis, The Travel Corporation (TTC) is committed to becoming carbon neutral by 2030 or earlier.

TTC has a significant direct carbon footprint from our owned assets (Scope 1 + 2 emissions). This represents what we call our “Business Emissions” and includes emissions from 20+ offices, 18 Red Carnation Hotels, 13 Unworld ships, 6 accommodations/facilities and 500+ vehicles, in addition to our employees’ air business travel, which we consider as part of our business emissions. In addition, TTC brands operate more than 1,500 itineraries worldwide, an operation that has a carbon footprint of its own, and what we refer to as our “Trip Emissions.” The emissions from our trips fall under our Scope 2 emissions, however they are considered as materials and, as such, we are committed to reducing these emissions.

In 2020, TTC worked with Synergy Enterprises to develop a customized “Trip Carbon Calculator” to measure the average carbon footprint of our trips. That same year we established an average carbon footprint per passenger per day by measuring 165 trips across all regions and brands. We recognize that measuring trip emissions is an evolving process and a journey that many of our peers are on as well. To that end, we commit to collaborating with the industry and remaining transparent regarding our methodology, which is why we are making our methodology public.

Using data from this tool, we will phase in carbon neutral trips across respective brands between 2022 – 2030, beginning with Contiki in 2022. We will review and update the carbon footprint of our trips every two years using an updated Trip Carbon Calculator with the latest emission factors.

**OUR APPROACH**

To ensure that TTC is meeting the highest carbon accounting standards and data and calculation accuracy, the Trip Carbon Calculator was developed by an independent third party, Synergy Enterprises. Our Trip Carbon Calculator was developed in alignment with the Greenhouse Gas Protocol, an internationally accepted emissions accounting and reporting standard. Once completed, the tool was reviewed by peers in the industry and external experts to ensure its reliability. The most relevant and up to date emission factors at the time were selected from international reporting bodies. Emission factors are coefficients that allow us to convert activity data into greenhouse gas emissions. They may differ based on the country or region the activity is taking place in. Where emission factors were not available, custom averages were developed. Sources include:

- DEFRA GHG Conversion Factors
- International Energy (IEA) Agency Emission Factors
- Cornell Hotel Sustainability Benchmark (CHSB) Index
- CO2 Connect
- Greenhouse Gas Emissions and Energy Use Associated with Production of Individual Self-selected US Diets
**Understanding the Carbon Footprint of Our Trips**

The carbon footprint for each trip is based on average greenhouse gas (GHG) emissions per passenger per night. We measured a selection of trips (165 trips) across all regions and brands with consideration of distance travelled, seasonality and number of included and optional experiences. Brands that have similar accommodation and trip styles were deemed to have no material difference and hence grouped together to achieve an average carbon footprint. Average emissions per trip include transfers, accommodation and meals arranged and provided by TTC brands.

**What's In Scope**

Here’s what we considered in scope and our responsibility to include in our trip emissions:

**Transfer Emissions:**

Include emissions from all forms of transportation during a TTC trip. This includes transfers that are included as part of the trip and transfers to your optional experiences. Emissions from transfers are calculated by taking transfer modes, distances, fuel type, passenger numbers as well as number of vehicles used for selected trips.

**Accommodation Emissions:**

Accommodation emissions are based on average energy consumption by room type from the Cornell University School of Hotel Administration. A regional energy factor is applied resulting in a unique average for each room type in each region.

**Meal Emissions:**

Emissions from meals have been calculated based on two main identifying factors – buffet vs. non buffet and vegetarian vs. non-vegetarian meals. Synergy Enterprises developed customized emission factors for each meal type that accounts for food production and food waste. Emissions are only calculated for meals included in the trip itinerary and do not include those purchased by the traveller.

**What’s Not In Scope**

- Traveller’s air travel to and from the destination
- All pre and post services not included in the base price of the trip
- Emissions produced by facilities or buildings we visit on our trips (e.g. museums). These emissions are considered the responsibility of the facility as determined by internationally accepted principles for emissions accounting
- Meals purchased by the traveller