



Connecting Sustainability

CTC Singapore Summit 2023



Sustainability Trends

Increase in governance principles driving company KPIs

- The increase in company performance expectations is resulting in customers wanting to push requirements to the supply chain to support their governance objectives.
- ASIA is not immune to these requirements, with Global companies leading the charge

Increase in Customer expectations

- Customer-based Request for Information (RFI) increasing in requests for TMCs to declare their sustainability principles and targets towards sustainability performance
- RFIs contain sustainability-related questions now as Business as Usual.
- Increasing trend in demonstrating Social Sustainability commitments and performance.

Meeting increasing requirements to track and report travel impacts

- Increased expectations for TMCs to support customers to track and report on:
- Scope 3.06 Business Travel carbon emissions including Air, Hotel, Car Hire etc.
- Trend increasing in customers expecting TMC to demonstrate governance within the supply chain.
- Trend increasing in customers wanting TMC to demonstrate how to improve their social sustainability performance.

Carbon Reporting



Carbon

2,840K

Carbon Emission (kg CO2)

4,666

Number of Trips

609

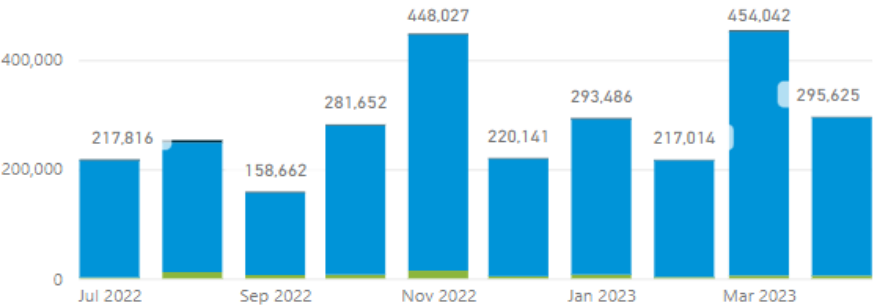
kg CO2 per trip

2,809

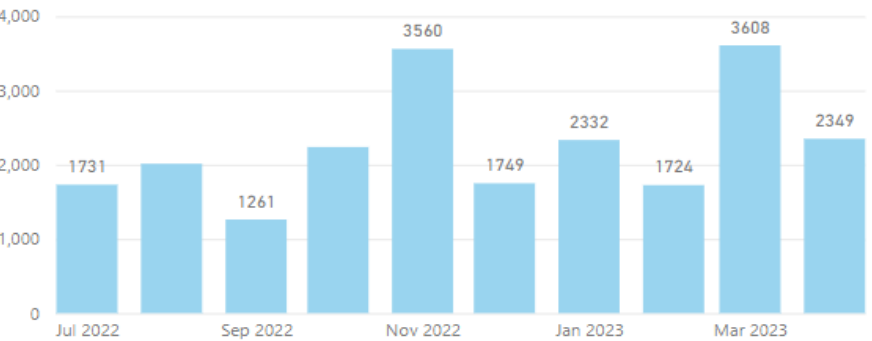
kg CO2 per Traveller

CO2 Emissions by Month and Service Type

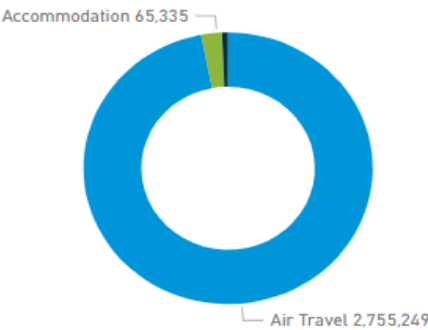
Type ● Accommodation ● Air Travel ● Car Rental ● Railway Travel ● Carbon Emissions



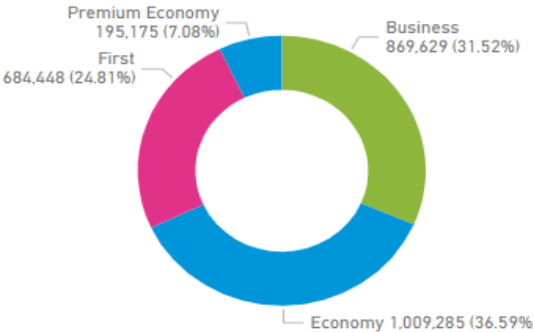
Carbon Emissions Offset Cost



Kg CO2 Emissions by Service Type & Carrier/Chain



CO2 Emissions (Air) by Fare Class



Carbon Budgets?

Aligning to a Shadow Carbon Price helps track and manage.

CARBON ALLOWANCE

Date Range: 07/05/2023 - 13/05/2023
Company Allowance

Remaining: 3000kg
Allowance: 5000kg



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Well-being Reporting



1,884

Total Trips in Selected Period



412

3+ Timezones



60

Last Minute Bookin...



40.70%

Long Haul Economy



15

Red Eye Flights

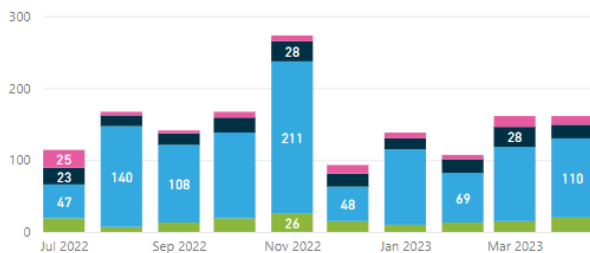


50.68%

Travel in Personal Time

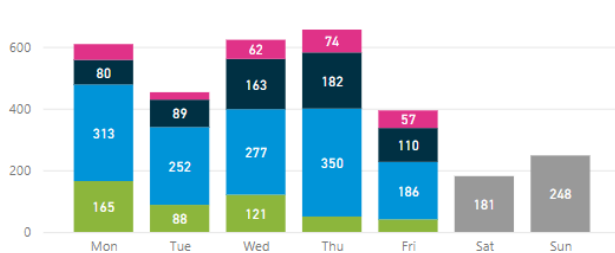
Total Nights Away Travelling

Nights Away ● No Nights Away ● 1-6 Nights Away ● 7-14 Nights Away ● 15+ Nights Away



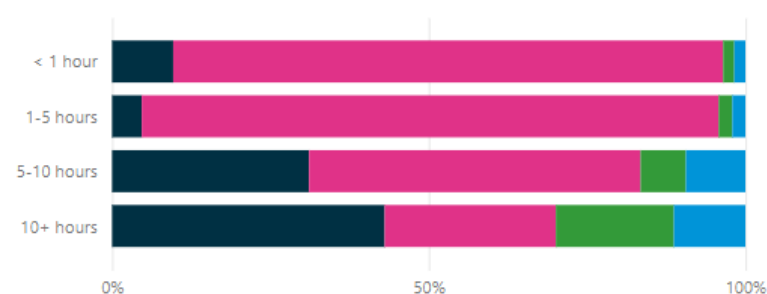
Departure Times by Day of Week

TimePeriod ● Early AM ● Working Time ● Early PM ● Overnight ● Weekend



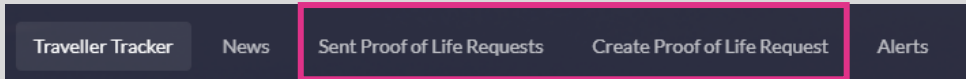
Fare Class Usage by Flight Duration

Fare Class Category ● Business ● Economy ● First ● Premium Economy



CTM's Business Traveller Guide to Health and Well-being

Traveller Tracker App



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Performance Initiatives

Offering Environmental Sustainability Principles

Selecting Best in market Offset programs?

Invest in recognised partnerships to support the investment in carbon offset projects to:

- Reduce your overall footprint and focused on local offset programmes for your local business
- **Focus needs to be on Co-Beneficial programmes –**
Address and deliver values to both ecological and social benefit
 - Biodiversity benefits
 - Employment and economic prosperity for local people/communities



Project: **Clean Cookstoves for the Mamize Nature Reserve with WWF**

China . Efficient Cookstoves



THE IMPACT

- Improves the health and life-expectancy of those in the local community - particularly the elderly, women and children who are often responsible for the cooking.
- Lowering GHG emissions at the same time as reducing local deforestation by 50-60%, protecting the Mamize Nature Reserve – part of China's dwindling giant panda habitat.

Certified as:

Gold Standard Voluntary Emissions Reduction (GSVER)

Sustainability goals supported



Next-Generation Carbon

NextGen

1POINTFIVE



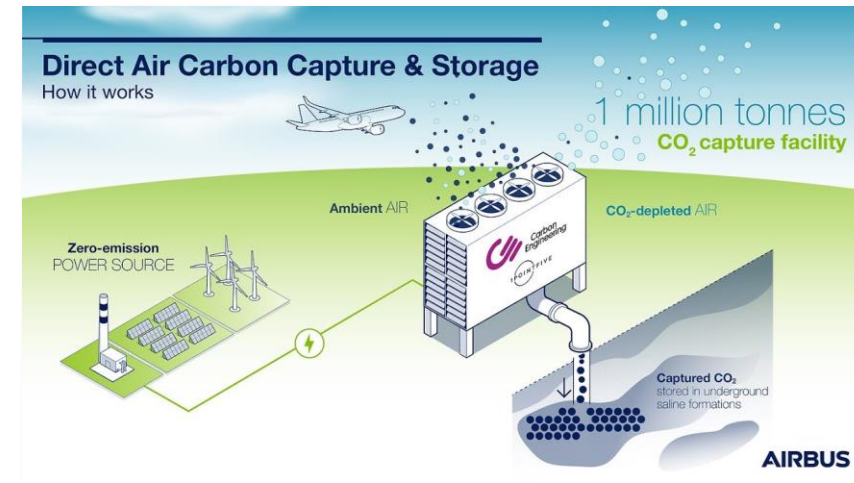
The new frontier in Custom-designed carbon abatement portfolio to meet your carbon offset needs (Average price US\$200/tCO₂e).

Complement SAF Initiatives

Direct Air Capture and Storage

Growing discussion around the use of CCUS

- 14% of IATA's GHG emission reduction targets by 2050
- Can be processed into Sustainable Aviation Fuel (*Circular Economy*)



Other projects in the portfolio

High-temperature Biochar

(>550°C locked in carbon in soil materials)



BiCRS

Biomass Carbon Removal and Storage



Enhanced Weathering

Rain reacted silicates stored as minerals in soils and oceans



Product Mineralization

Atmospheric and Biogenic Carbon stored in long-lived materials





Get in touch

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