



Connecting Sustainability

CTC Hong Kong Summit 2023



Sustainability Trends

Increase transparency in governance principles

- International Sustainability Standards Board (ISSB) - increasing drive to disclose Climate Change impacts
- Corporate Sustainability Reporting Disclosures (CSRD) introduced – affects all significant business in Europe
- Supply Chain Management, including Modern Slavery reporting
- Carbon emissions and reduction strategies
 - Scope 1 and 2 (Company), and
 - Scope 3 – (Upstream and Downstream Supply Chain)

Drive to increase transparency in governance principles

- Next 3 years – Demonstrate contribution to local and social enterprises through procurement practises.
- Maximising community partnerships to demonstrate community inclusion and prosperity.

Meeting increasing stakeholder expectation

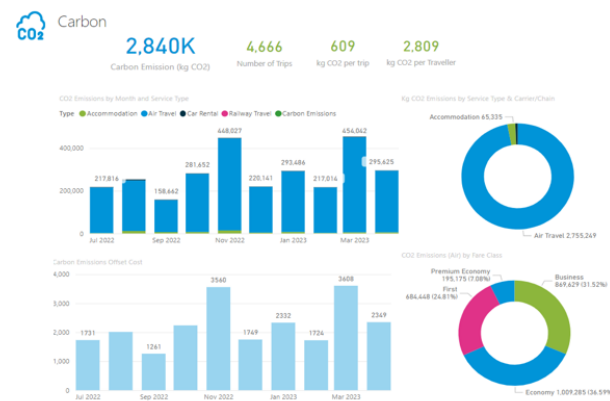
- Increased expectations for TMCs to support clients in meeting their ESG KPIs
- Focused on Carbon Footprint – Specific to Scope 3.06 Business Travel

Connecting Clients to Measurable Performance

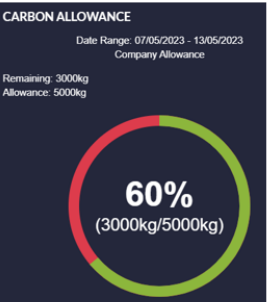
ESG Performance & Reporting

Client Focused Performance Initiatives

Carbon Reporting



Carbon Budget



Brought to you by Corporate Travel Management

Client-focused carbon reduction initiatives?

Climate+

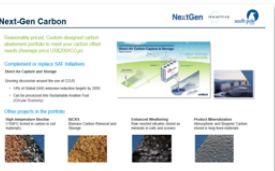


**CTM Climate (net)
Positive - Client
Focus**

SAF



NextGen Carbon



Brought to you by Corporate Travel Management

Brought to you by Corporate Travel Management

Carbon Reporting



Carbon

2,840K

Carbon Emission (kg CO2)

4,666

Number of Trips

609

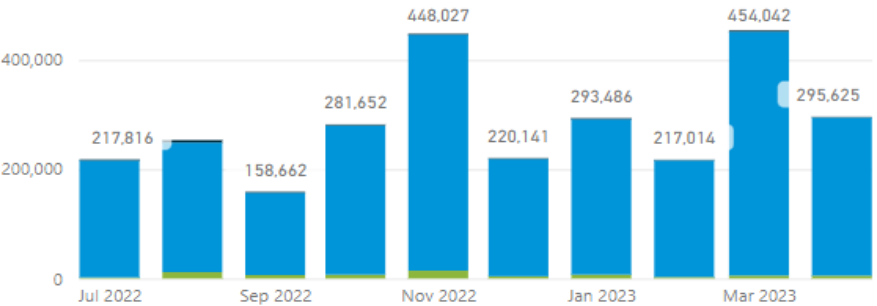
kg CO2 per trip

2,809

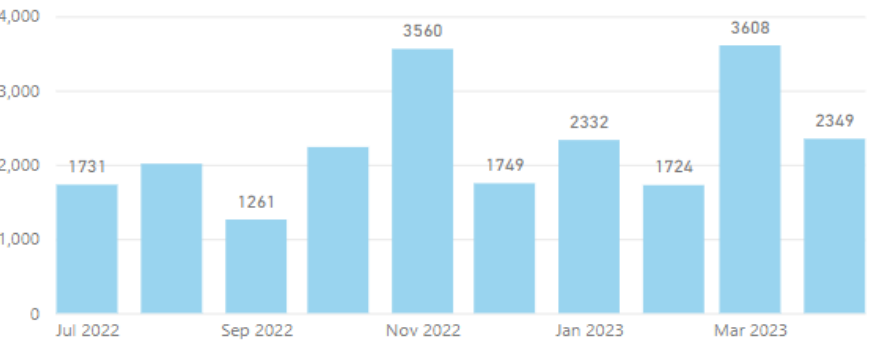
kg CO2 per Traveller

CO2 Emissions by Month and Service Type

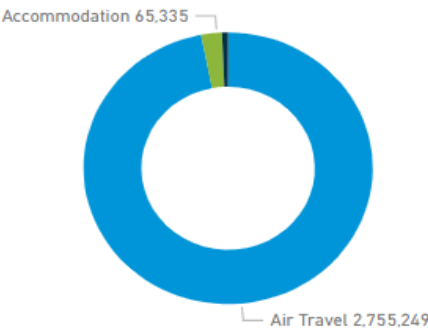
Type ● Accommodation ● Air Travel ● Car Rental ● Railway Travel ● Carbon Emissions



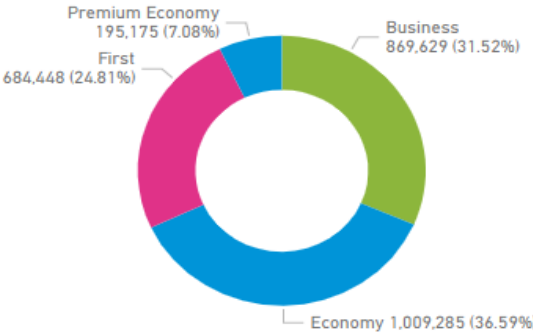
Carbon Emissions Offset Cost



Kg CO2 Emissions by Service Type & Carrier/Chain



CO2 Emissions (Air) by Fare Class



Carbon Budget

CARBON ALLOWANCE

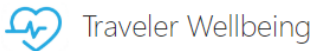
Date Range: 07/05/2023 - 13/05/2023
Company Allowance

Remaining: 3000kg
Allowance: 5000kg



Brought to you by Corporate Travel Management

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

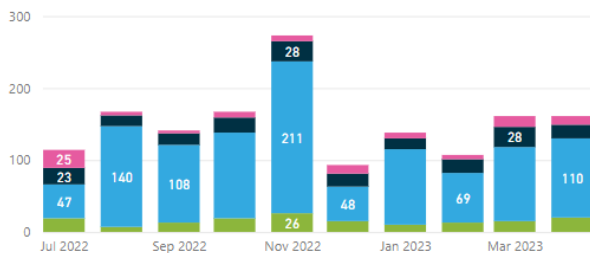


50.68%

Travel in Personal Time

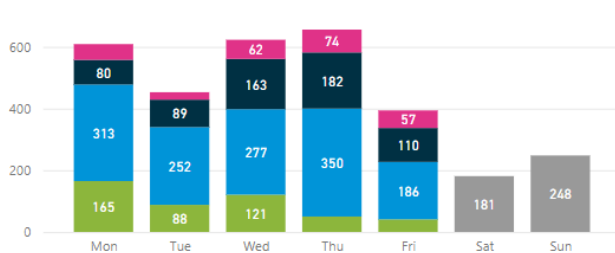
Total Nights Away Travelling

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



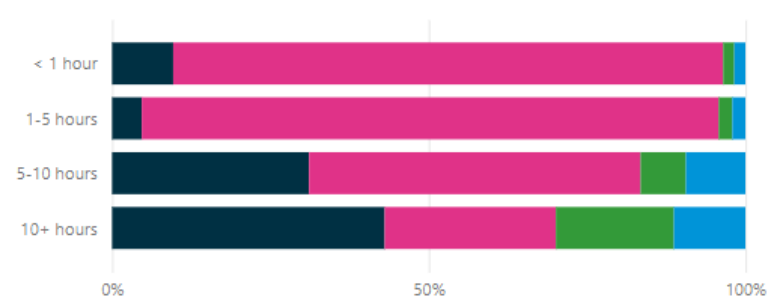
Departure Times by Day of Week

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



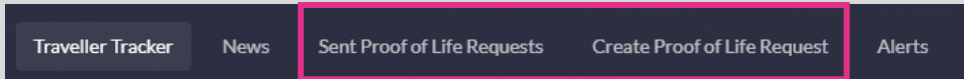
Fare Class Usage by Flight Duration

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



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

Traveller Tracker App



Brought to you by Corporate Travel Management



Performance Initiatives

Client-focused carbon reduction initiatives?

Climate+

Climate+ Environmental Sustainability Principles

Climate+ - Investing in Co-Beneficial Offset Programs (Average price US\$20/tCO₂e).

Recognised partnership to support Clients to invest in carbon offset projects to reduce their overall footprint.

Focused on local offset programs 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



Brought to you by Corporate Travel Management



SAF

SAF Sustainable Aviation Fuel Principles

What is it? How does it work?


- 80% reduction in carbon emissions
- Commitment to supply airports with equal quantities purchased.
- Validated Carbon Reduction Credits provided to the client

What is CTM Doing...
Partnerships: Investment in Bulk purchases of SAF for clients.


Q. Connecting travellers to SAF?

- Visibility of Air carrier SAF% in fuel loads
- TMCs continue to purchase small bulk quantities of SAF – allow clients to invest in initiatives to reduce their Scope 3 GHG emissions


What is happening locally...





Cathay Pacific / State Power Investment Corporation partnership to develop SAF Supply Chain in China



Honeywell join Oriental Energy to announce to build a 1m ton SAF production plant in Maoming Guangdong, China.



Nippon is procuring locally blended SAF for all flights from Haneda and Narita Airports.



NextGen Carbon

Next-Gen Carbon

Reasonably-priced, Custom-designed carbon abatement portfolio to meet your carbon offset needs (Average price US\$200/tCO₂e).


Complement or replace SAF Initiatives
Direct Air Capture and Storage

Growing discussion around the use of CCUS


- 14% of Global 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)



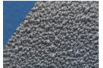
BICRS Biomass Carbon Removal and Storage





Enhanced Weathering Rain reacted silicates stored as minerals in soils and oceans



Product Mineralization Atmospheric and Biogenic Carbon stored in long-lived materials









CTM Climate (net) Positive - Client Focus

Climate (net) Positive Programme – Client Focused Targets

Delivering Sustainable Travel to Clients

As part of CTM's Climate (net) Positive Programme (C(n)PP), we recognise and embrace the opportunity to deliver innovative travel solutions which support our clients' sustainability goals.

At a glance	2027 Targets	Initiatives	Measure
 <p>CTM's Climate+ program provides solutions that empower positive, sustainable travel decisions</p>	Continue to invest in technology development	Advocate use of rail over flights to reduce carbon emissions. Invite users to offset their carbon footprint.	Engagement at Client Advisory Boards to stay alert to clients
 <p>Strengthen relationships with suppliers to improve client-focused sustainable travel solutions</p>	Inclusion of sustainability principles with all downstream supply agreements	Enhance the visibility of the Greener booking choices.	Reporting carbon emissions saved
 <p>Advocate the ESG performance to allow clients to select the best sustainable choice.</p>	Identify sustainability initiatives to reduce climate-related impacts	Identify and deliver reduced carbon initiatives to client-focused travel.	Visible supply chain sustainability score
 <p>CTM's Data Hub reporting tool gives customers complete visibility of their travel programme's carbon footprint.</p>	Implementation of best-in-class carbon calculation methodologies	Allow clients to set carbon budgets. Continual investment in Smart Data reporting tool.	100% accurate carbon reporting provided to client

Brought to you by Corporate Travel Management

Brought to you by Corporate Travel Management

Information Classification: General

Environmental Sustainability Principles

Climate+ - Investing in Co-Beneficial Offset Programs (Average price US\$20/tCO2e).

Recognised partnership to support Clients to invest in carbon offset projects to reduce their overall footprint.

Focused on local offset programs 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



Brought to you by Corporate Travel Management

Delivering Sustainable Travel to Clients

As part of CTM’s Climate (net) Positive Programme (C(n)PP), we recognise and embrace the opportunity to deliver innovative travel solutions which support our clients’ sustainability goals.

	At a glance	2027 Targets	Initiatives	Measure
	CTM’s Climate+ program provides solutions that empower positive, sustainable travel decisions.	Continue to invest in technology development	<p>Advocate use of rail over flights to reduce carbon emissions.</p> <p>Invite users to offset their carbon footprint.</p>	Engagement at Client Advisory Boards to stay alert to clients
	Strengthen relationships with suppliers to improve client-focused sustainable travel solutions.	Inclusion of sustainability principles with all downstream supply agreements.	Enhance the visibility of the Greener booking choices.	Reporting carbon emissions saved
	Advocate the ESG performance to allow clients to select the best sustainable choice.	Identify sustainability initiatives to reduce climate-related impacts.	Identify and deliver reduced carbon initiatives to client-focused travel.	Visible supply chain sustainability score.
	CTM’s Data Hub reporting tool gives customers complete visibility of their travel programme’s carbon footprint.	Implementation of best-in-class carbon calculation methodologies	<p>Allow clients to set carbon budgets.</p> <p>Continual investment in Smart Data reporting tool.</p>	100% accurate carbon reporting provided to client.

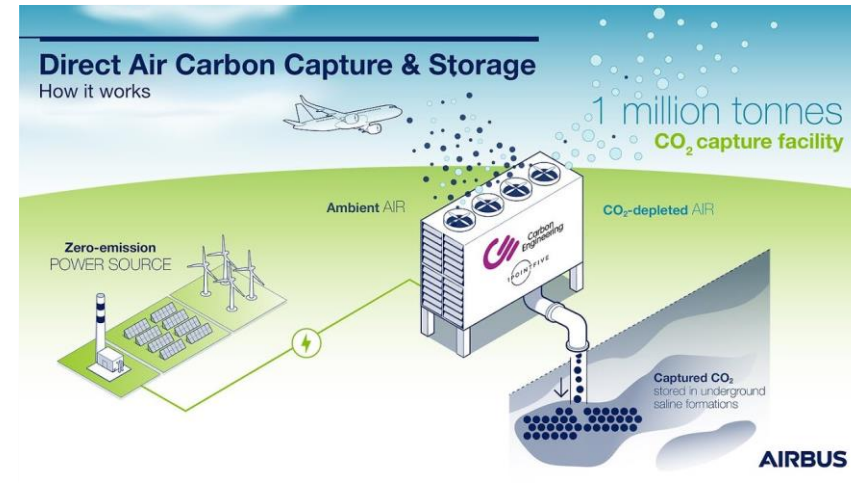
Reasonably-priced, Custom-designed carbon abatement portfolio to meet your carbon offset needs (Average price US\$200/tCO₂e).

Complement or replace SAF Initiatives

Direct Air Capture and Storage

Growing discussion around the use of CCUS

- 14% of Global 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



Sustainable Aviation Fuel Principles

What is it? How does it work?

- 80% reduction in carbon emissions
- Commitment to supply airports with equal quantities purchased.
- Validated Carbon Reduction Credits provided to the client

What is CTM Doing...

Partnerships: Investment in Bulk purchases of SAF for clients.



Q. Connecting travellers to SAF?

- Visibility of Air carrier SAF% in fuel loads
- TMCs continue to purchase small bulk quantities of SAF – allow clients to invest in initiatives to reduce their Scope 3.06 emissions



What is happening locally...



Cathay Pacific / State Power Investment Corporation partnership to developing SAF Supply Chain in China



Honeywell join Oriental Energy to announce to build a 1m ton SAF production plant in Maoming Guangdong, China.



Nippon is procuring locally blended SAF for all flights from Haneda and Narita Airports.



Get in touch

Eugene Tan

General Manager – Sales and Client
Value Management, Asia

p: | +65 9028 6259

e: | eugene.tan@travelctm.com



asia.travelctm.com

AMERICAS | EMEA | ASIA | AUSTRALIA & NEW ZEALAND



Get in touch

John Nicholls
Group Head of ESG and Sustainability

p: | +61 7 3009 1438

e: | john.nicholls@travelctm.com



asia.travelctm.com

AMERICAS | EMEA | ASIA | AUSTRALIA & NEW ZEALAND