Welcome to green beam





"The work of healing our planet should be, and must be, the cause that unites us, never the cause that divides us. The planet earth is literally bigger than any of our differences. We need to leave a safe and sustainable world for all generations to come"

Stella McCartney

#### **Your Hosts**



Briony Pete Founder & Director The Circular Life







Danielle Ward Founder & Director reWARD Events

sustainable events

#### green beam

#### Scope It Out



Sustainability Specialist Conference Care







# Scope It Out

Getting to grips with emissions scopes 1, 2 & 3 Our Carbon Consultancy Service helps event organisers find out their carbon footprint and gives tailored advice to reduce it.

- 1. Calculate pre-event estimate
- 2. Suggest ways to reduce footprint
- 3. Calculate post-event footprint

Call us for a 30-minute free introduction 02476 369580 Or visit zerocarbonevent.com

# **CARBON** Consultancy

KNOW YOUR IMPACT

LOWER YOUR EMISSIONS

#### What we will cover

1. What the scopes are

2. Getting them right

3. Why they are important



#### What is a "scope"?



Categories Of Greenhouse Gas Emissions

In your direct control

In your indirect control

Within your **influence** 



#### A note about GHG terms

# $\overline{CO}_2$ $N_2O$ $CH_4$ $O_3$



Or "Carbon"



#### The Three Scopes

# Scope 1

Owns or controls directly Scope 2

Indirectly caused through purchased energy

# Scope 3

Not produced by your activities but influence them



#### Emissions in your direct control







#### Emissions in your direct control



#### Emissions in your **direct** control





#### Emissions









Emissions in your **indirect** control





Emissions you do not control

They are **influenced** by you



#### SUPPLY CHAIN STAKEHOLDERS



#### Scope 3 – A General Rule

"They wouldn't be doing this if my event wasn't going ahead"



#### Scope 3 – The Problem





Scope 1



## **Defining Your Scope 3**





## **Scope 3 Inputs**

Catering supplies → Leased equipment → Employee commuting → Outsourced activities →



#### **Scope 3 Outputs**



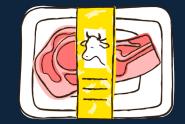
Travel to venue by visitors
Waste produced
Hotel nights



# **Scope 3 inputs**

Making the food product Packaging the food product

Catering supplies.



Vehicle travelling to deliver it to you



# Venue operations



#### **Scope 3 outputs**

# Venue operations



food waste

Unused wasted

Scope

It Out

#### **Scope 3 outputs**

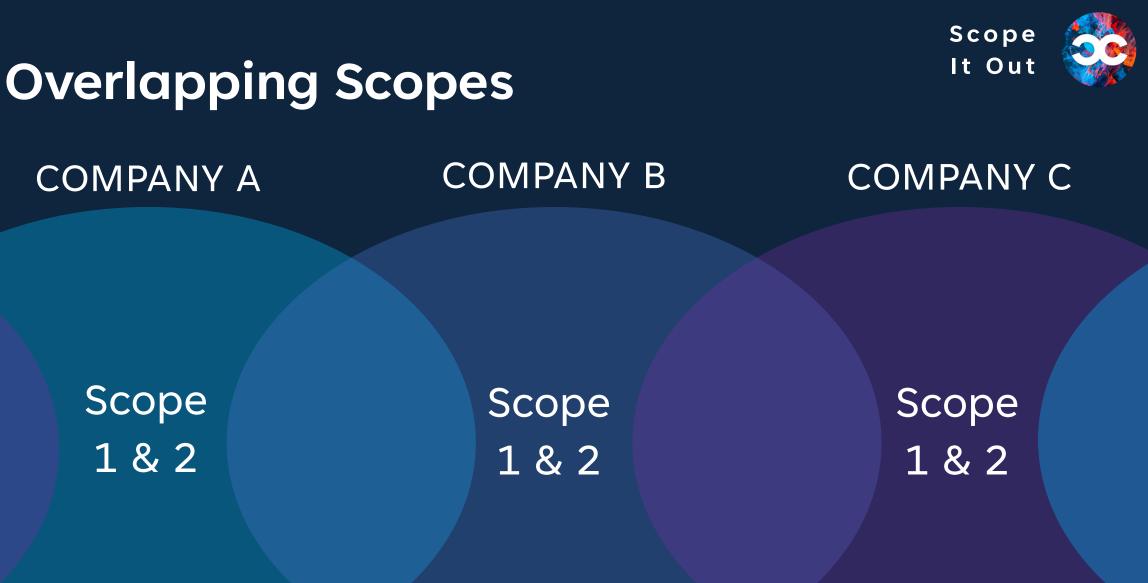




## **Defining Your Scope 3**







## Why is this important?





#### You might have to report it

#### Transparency





## Summary

- Scope 1 is within your **direct** control
- Scope 2 is within **indirect** control
- Scope 3 is in your sphere of **influence**

When mapping out scope 3, think about the inputs and outputs of your operations



#### Accreditation, is it worth it?



Andrew Perrols Greengage





Hannah Robinson BMA House Wayne Fraser Access

#### green beam

#### **Measuring Success**







Matt Grey Event Decision

Trees 4 Svents

Judith Dix Conference Care

Nico Nicholas Trees for Travel

#### green beam

# **Coffee Break** 11:40 am - 11:55 am





#### Waste Not - Want Not



Lynsey Penny WRAP



Danielle Ward Reward Events



Kerry Wright Lime Venues









Nico Nicholas Trees for Travel





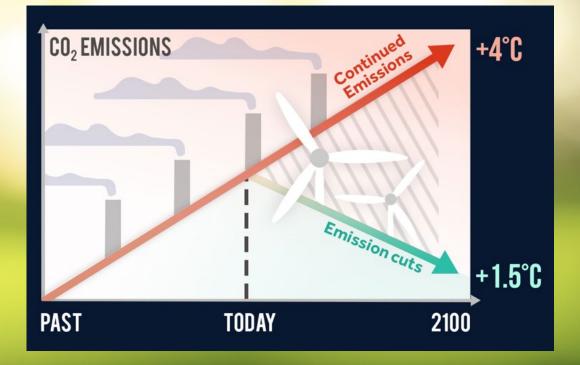
More Than Just Trees, More Than Just Offsets

# We Make Travel & Events Planet & People Positive



C

#### We CAN reverse climate change!



## Halve Emissions by 2030 Net Zero by 2050

IMATECHANG

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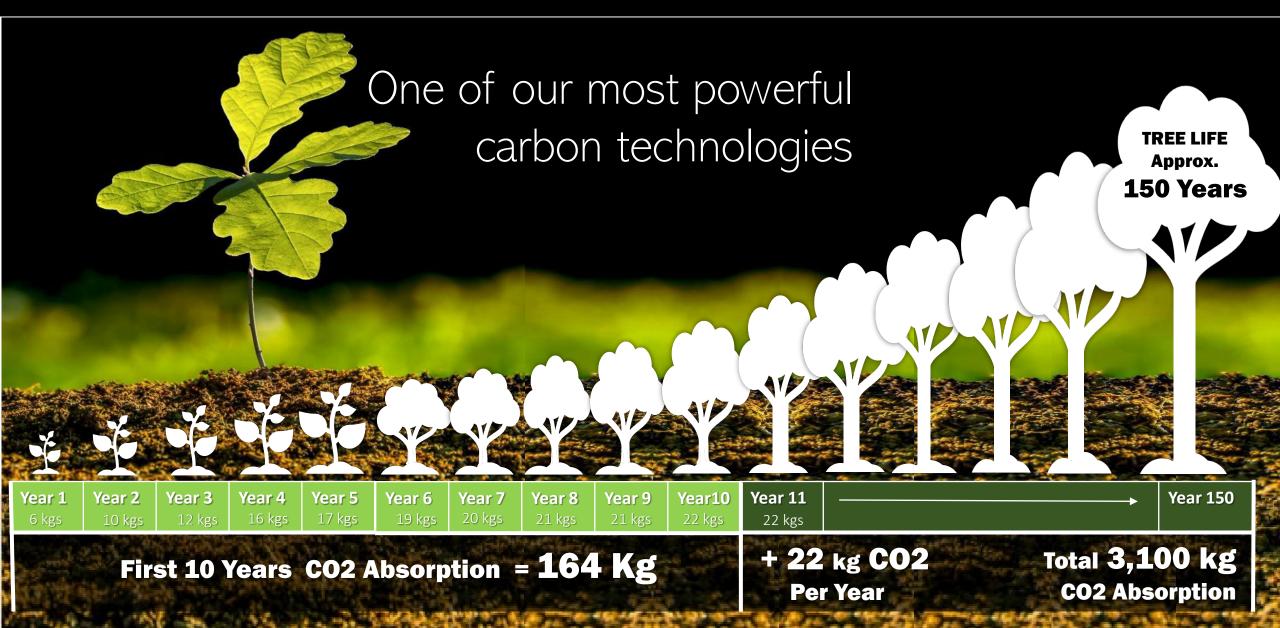


#### ESG Solution for Events & Businesses





Why Trees?



### Translating Events & Trips into Trees





### SIMPLE TANGIBLE IMPACTFUL AFFORDABLE



**Every TREE** is backed up & connected to a UNITED **NATION CER Carbon Credit** 

When you take a TRIP



We'll plant a TREE

For the price of a COFFEE



### Where & How Do We Grow Trees ?



### **Reference** Travel

### Tree Growing Updates & Progress Reports



#### **GROWING FORESTS**

Making Travel Planet & People Positive





Trees are one of the most powerful absorbers of carbon emissions – by growing trees in developing countries as we travel, we can help to restore eco-systems, biodiversity and support local communities through the dignity of employment.



Reforestation will help reverse climate change, but trees can be fragile and take time to grow, so to ensure a traveller's carbon emissions are removed as soon as possible, Trees4Travel always assigns each tree with a share of an investment into a United Nations Certified Emissions Reduction renewable energy program, essentially doubling their promise.

#### March 2022

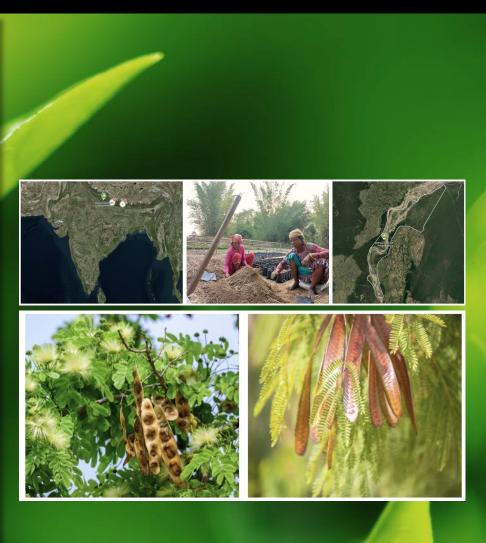
As you can see these saplings are well on their way to becoming strong, beautiful trees and in the near future this site will start to become a thriving forest again. By working together in the fight against climate change we are truly building a more sustainable and equitable world. This reforestation project has so many essential co-benefits such as helping to improve the communities economic situation, improving soil strength, which in turn will help water quality and restoring ecosystems. Let's keep up the great work for people and planet!



#### November 2021

The plantation managers organise and collaborate with local farmers to also plant agroforestry species within the reforestation areas. They arrange the training of field staff, developing training materials, and expanding agroforestry seedling distribution to all local farmers. Agroforestry can improve the resiliency of agricultural systems and mitigate the impacts of climate change.







### The Hybrid Package



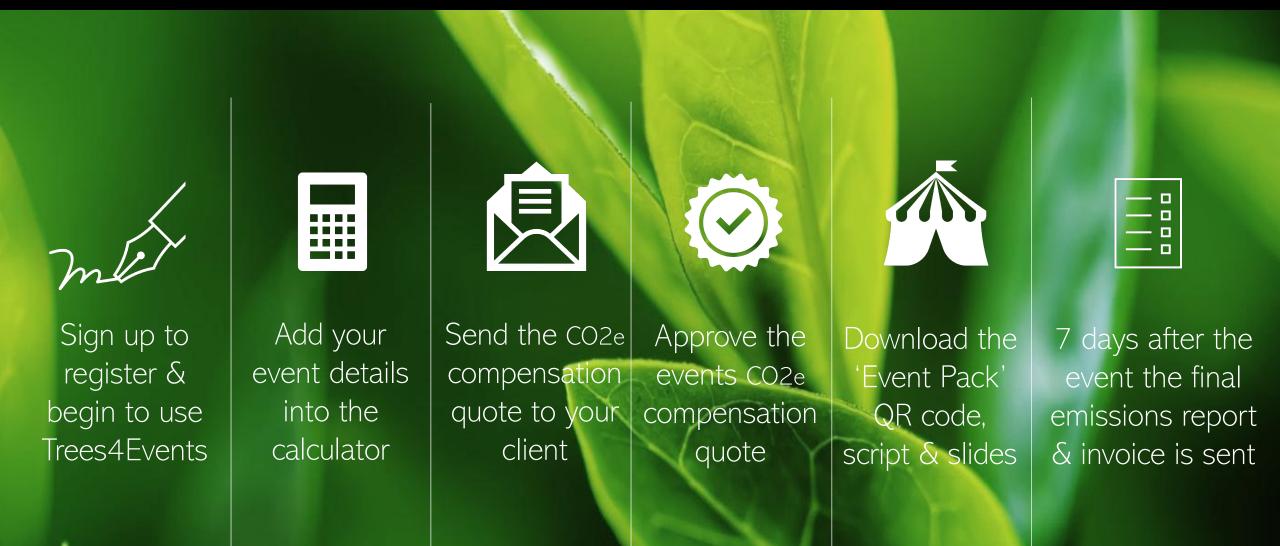
### Introduction to the Tool

# Trees4 Suents

### Making Your Events, Conferences, Meetings Planet & People Positive



### Simple Steps to a Sustainable Event





### Events Industry Emissions Calculator Tool

Where do I sign up?

1- **New Users** – Click on EVENTS in the menu & SIGN UP on the Trees4Travel website

2- Multiple users through a group partnership – request a unique URL LINK to register.

3- **Already a user of the Trees4Travel Dashboard** – then just login & find your EVENTS calculator in the menu bar





### The Sustainable Events Tool





### Food & Drinks with Top Tips





#### **FOOD & DRINKS**

WHAT TYPE OF MEALS WILL YOU BE SERVING?

MEALS	POULTRY	RED MEAT	SEAFOOD	VEGAN	VEGETARIAN	MIXED BUFFET		TOTAL = CO2E (KGS)
		50 0	0	0	0	50 0		508.5 🔒
DRINKS	BTL WATER	TAP WATER	TEA/COFFEE	WINE	BEER	COCKTAILS	SOFT DRINKS	TOTAL = CO2E (KGS)
		<b>TAP WATER</b> 10		<b>WINE</b>	<b>BEER</b>	COCKTAILS	<b>SOFT DRINKS</b>	<b>TOTAL = CO2E (KGS)</b> 22.6 ▲

#### **TOP TIPS**

- By offering plant based meals you will significantly reduce the carbon footprint of your event.
- Red meat produces the most carbon emissions and contributes to mass deforestation.
- Bottled water is the most environmentally unfriendly option.

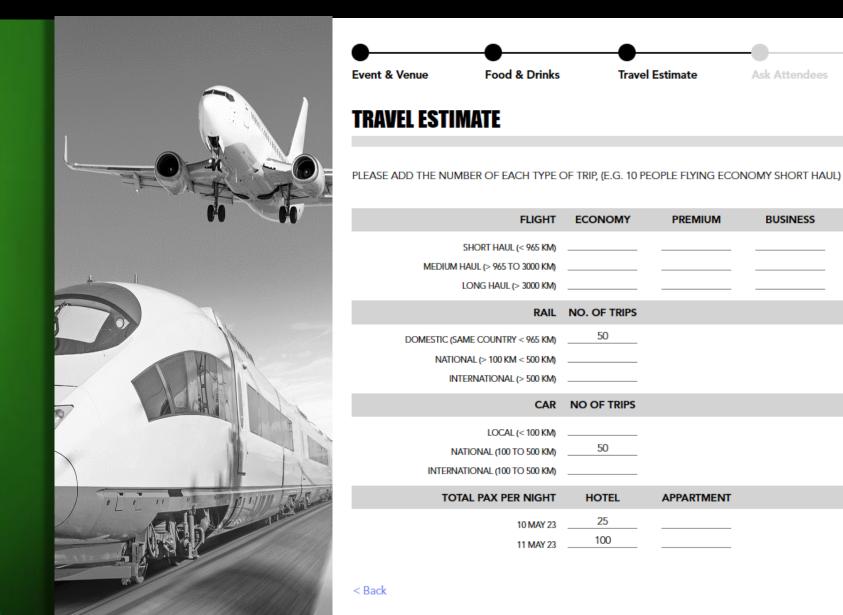
< Back



### Travel Estimation for a Quick Quote

Preview

FIRST



NEXT >

TOTAL = CO2E (KGS)

TOTAL = CO2E (KGS)

141

TOTAL = CO2E (KGS)

4,287

TOTAL = CO2E (KGS)

778

3,110



### Event Pack – QR Code & Attendee APP

#### PREVIEW



#### Smart Company

SMART Conference London, UK 2<sup>nd</sup> to 3<sup>rd</sup> December 2022

Measure the impact of your trip to our event today & help us make it PLANET & PEOPLE POSITIVE



Please scan the QR code & answer a few questions.

It only takes 45 seconds!



PLANET & PEOPLE POSITIVE!

Let's Go (Re) Wild >

Trees4Events





Х

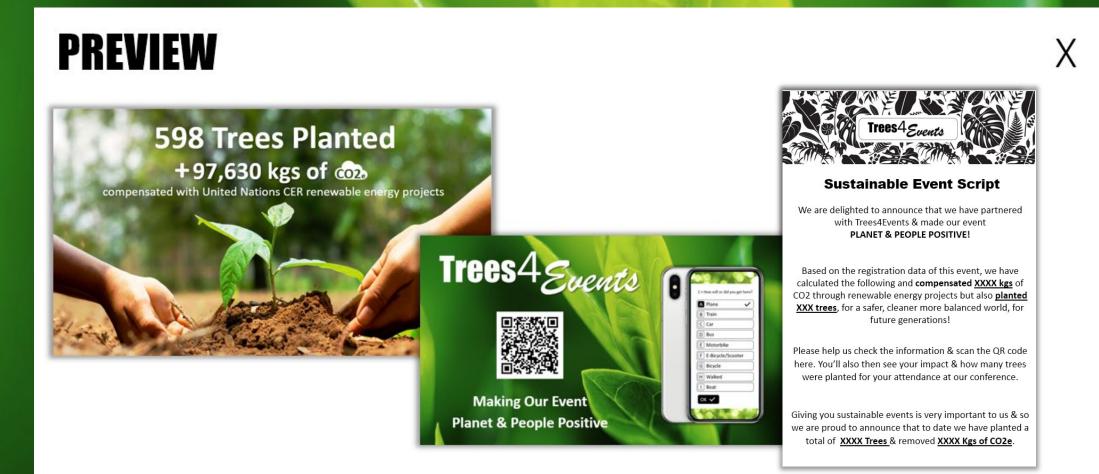
up with an investment into a United Nations Certified Emission Reduction renewable energy project. Going beyond carbon neutrality to help fast track and reverse climate change.

QR code PDF to Display at Events

**APP** - Questionnaire



### Event Pack – Presentation Slides & Scripts



Use these slides during your event to share your compensation information & also to check data, as well as letting your attendees see their impact by the number of trees that correspond to their trip.

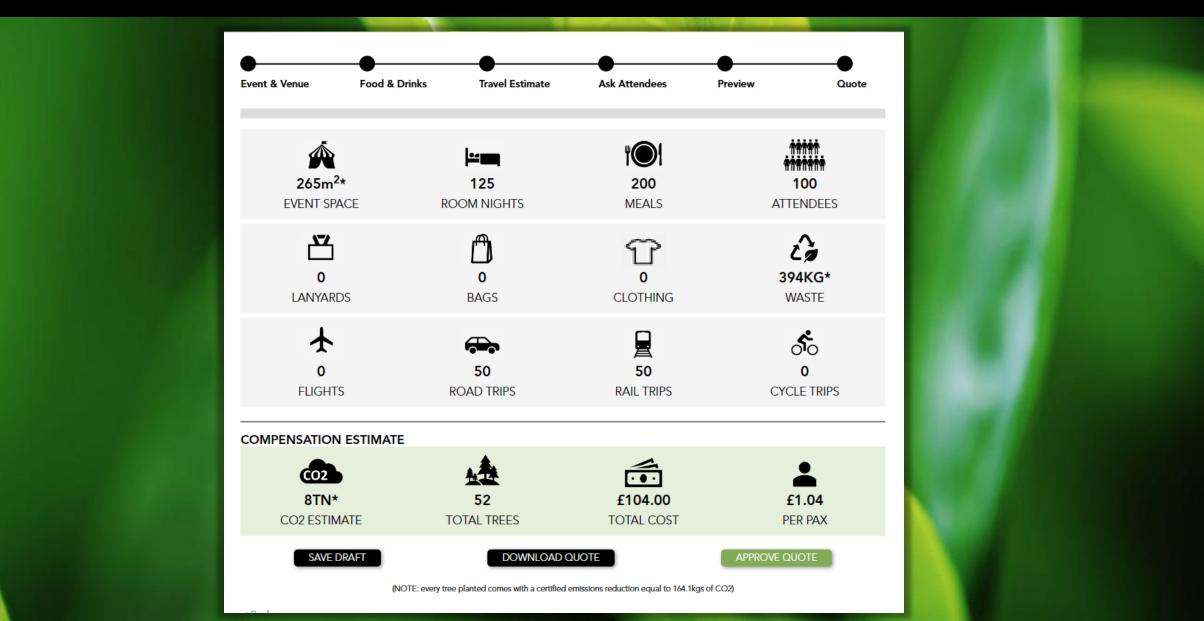


### Some companies who compensated events





Quotes





### Automated Email Quotes



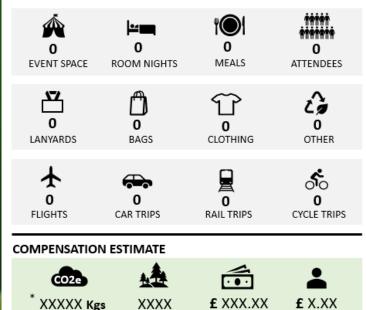
#### **SMART CONFERENCE 2023**

Planet Earth – 12<sup>th</sup> – 16<sup>th</sup> September 2023

Created on 6th August 2022 by Nico Nicholas. Calculations marked \* are estimates that are based on averages and will be replaced by actual data post event when provided.

#### **EVENT DETAILS - 5 DAYS**

CO2 ESTIMATE

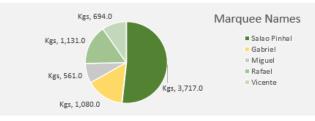


TOTAL TREES

TOTAL COST

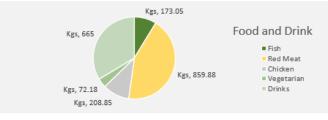
PER PAX

#### EVENT SPACES EMISSIONS



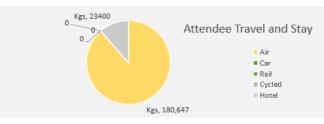
TOP TIPS: To further reduce emissions, consider making your event a hybrid event, offering some attendees to join virtually or consider a location which requires minimal travel for attendees.

#### MEAL EMISSIONS



TOP TIPS: Plant based meals significantly reduce the carbon footprint of an event. Red meat produces the most emissions & contributes to deforestation. Bottled water is also the highest in the drinks sector.

#### ATTENDEE TRAVEL & STAY EMISSIONS



TOP TIPS: By flying economy, you can vastly reduce emissions. Flying direct, is better than connecting flights. After cycling, trains are the most sustainable way to travel.

#### PROMO MATERIAL EMISSIONS



TOP TIPS: Resist buying products that end up in landfills. Otherwise select eco products that have a reduced impact; consider all products made from recycled materials, water bottles to encourage drinking tap/filtered water, buy local. Consider products with no packaging. GIFT TREES!

#### CARBON CREDITS to ACCOMPANY YOUR TREES

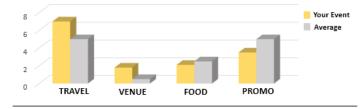
222,379 Kgs of 602

will be compensated/offset through investment

into carbon credits through the United Nations Certified Emissions Reduction (CER) programs. Suitable for conformity and mandatory reporting.

Reforestation will help reverse climate change, but trees can be fragile and take time to grow, so to ensure carbon emissions are removed as quickly as possible, each tree is assigned to a share of a UN CER renewable energy program. Our most recent project is in China which has 48 wind turbines which produce 49.9 mega watts of clean energy - each wind turbine working 5.5 hours per day.

#### EMISSION COMPARISONS TO OTHER EVENTS PER PERSON





### Reduce Swagger & Gift Trees instead!



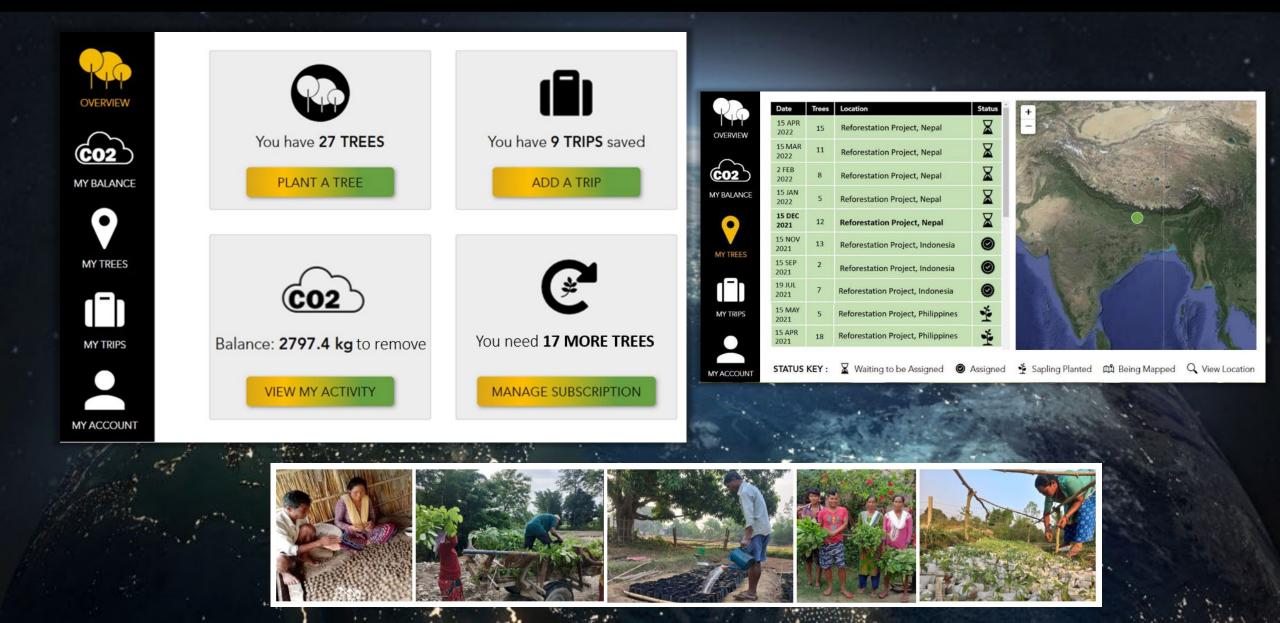


### Our Dashboards Track Trees & Emissions

C Trees4Travel Ltd 2023

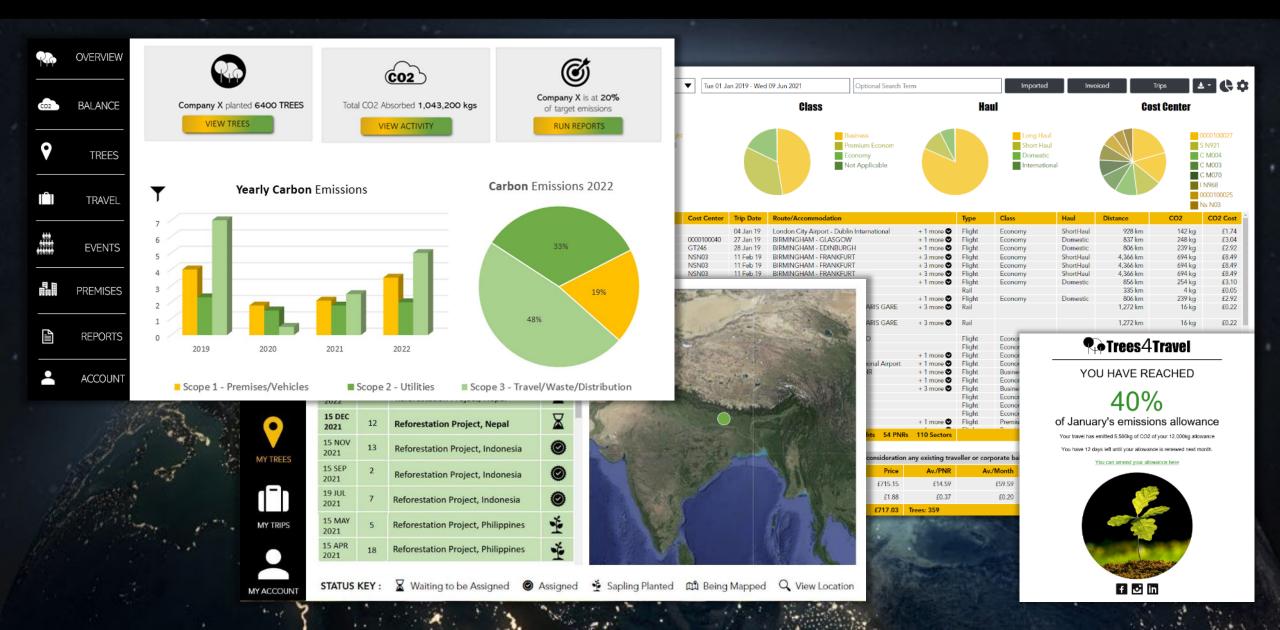
### **Reference** Trees 4 Travel

### Connecting Travelers to Trees & Communities





### Corporate Dashboards





### Awards - Finalist & Winners in 2021-2022 -2023



11

The ultimate question is this: 'Is the world better off because your business exists?' Paul Polman - Net Positive

FREE Emissions Calculator & App QUICK Simple Quotes & Reports TREE Planting + <u>RENEWABLES</u> Hybrid CERTIFIED United Nation Carbon Credits FREE Marketing Kits - Speeches - Slides EASY Set Up



Thank You!

### Lunch 12:25 pm to 1:15 pm





### Breathwork



Helen Moon Eventwell

green beam



## time to breathe with Helen Moon

### **Round Tables**



**Green Leadership** Briony Pete Measurement Matt Grey

Waste Danielle Ward



Accreditation Andrew Perolls



Marketing Sustainability Louisa Watson Trees4 *Svents* green beam

### **Creating a Sustainable Culture**



Katherine White Wyboston Lakes Resort



Sian Sayward Inntel



Selina Donald The Bulb





### A journey



Luke Strickland Mott MacDonald



green beam



### Transitioning to Net Zero

Our carbon reduction journey



### Introducing Mott MacDonald



We're a global engineering, management and development consultancy focused on guiding our clients through many of the planet's most intricate challenges.

### **Our carbon reduction journey**

*Our Vision: 'The world's leading engineering, management and international development consultancy in terms of the ambition, transparency, and integrity of our commitment to Net Zero'.* 

Deep reductions in emissions, with unavoidable remaining sources balanced by emissions removal from the atmosphere.

2020: Became Carbon Neutral. Launched Net Zero position paper

2021: Net Zero plan underway Our Net Zero Plan: Operations (Projects Partnerships)

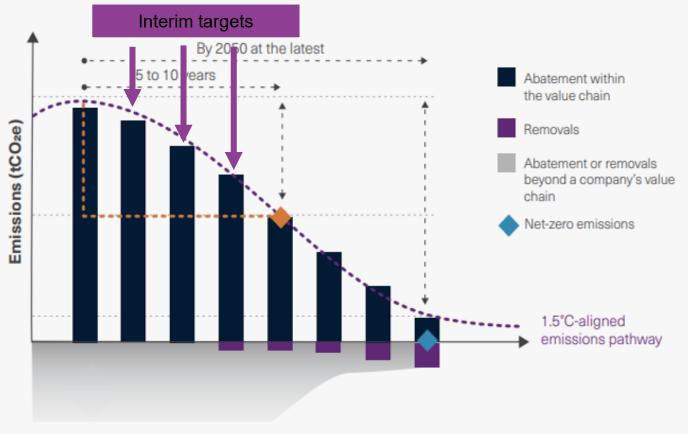
### What does net zero mean for us?

Reviewing the boundaries for reporting

Setting interim reduction targets

Reducing our organisation's carbon footprint

We know we can make a greater impact looking beyond our organisation footprint

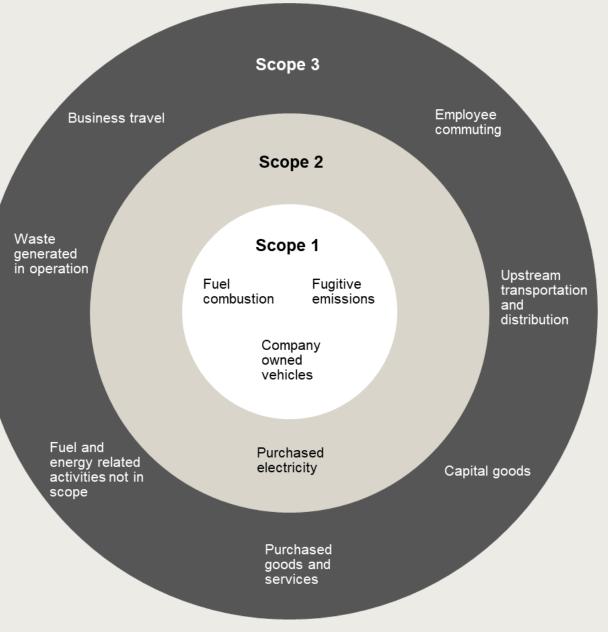


Source: SBTi (2021) SBTi Corporate Net-Zero Standard

### **Operations: What is in scope?**

Our footprint includes our building and civil engineering contracting business, as well as our global consultancy services.

This makes us different to most of our competitors; and presents us with challenges to make reductions in the carbon-intensive construction sector.





### **Our commitment to carbon reduction**

### We are in the first group of companies to receive SBTi approval for net-zero targets

<u>Our targets</u> for deep carbon reduction, aligned with a 1.5°C temperature pathway are summarised below:

- Reduce scope 1 and 2 emissions 46.2% by 2030 from a 2019 base year
- Reduce scope 3 emissions from fuel & energy related activities, waste, business travel and employee commute **28%** within the same timeframe
- 70% of suppliers by spend to have science-based targets by 2027
- Reduce absolute scope 1, 2 and 3 emissions **90% by 2040** from a 2019 base year

#### Our other climate commitments:

- We are committed to disclosing our emissions annually and maintaining ISO 14064 certification
- We are committed to supporting mitigation beyond our value chain through the purchase of high-quality carbon credits which deliver co-benefits in line with our purpose
- We have been globally certified to PAS 2080 since 2017 (the international specification for carbon management in buildings and infrastructure) and commit to maintaining our certification in line with the 2023 updates to PAS 2080



### **Net Zero – leading the change**

Engaging with our clients and supply chain



Mott MacDonald

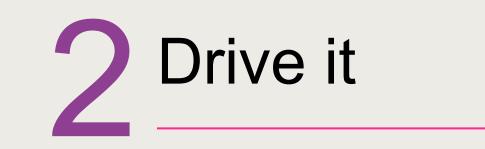
### Guidelines that we have written for the industry

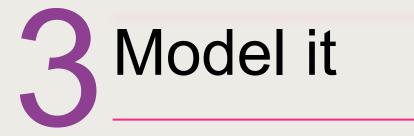


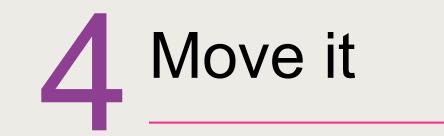


### What can you do?

# Demand it







Mott MacDonald



# Thank you

Luke Strickland luke.strickland@mottmac.com



## Coffee Break 14:55 pm to 15:10 pm





## **Train for Better**



Briony Pete Founder & Director The Circular Life



Danielle Ward Founder & Director reWARD Events











## **LEADING SUSTAINABILITY** & NETZERO STRATEGY

### FOR EVENT PROFESSIONALS & EVENT VENUES

Online, via zoom, plus learning platform



The Circular Life for a different kind of business



### SIX LEARNING & DEVELOPMENT MODULES

How It

WORKS

Spread across six months, sharing bite-sized chunks of sustainability gold and helping you to put it in place in real time.

#### EACH MODULE CONTAINS

#### A LEARNING WORKSHOP

Learn insight on different elements of creating and delivering sustainable events, explore practical tools and how to use them

#### IN YOUR OWN TIME

Short 'homework' assignments to help you put your learning into practice in your organisation.

#### A COACHING & DEVELOPMENT

Troubleshoot problems, group coaching & advice and peer-development

#### • ACCESS ONLINE SUPPORT

As you need it throughout the programme

#### The

## MODULES



01

#### **LOCATION & DIRECTION**

Where are you now? Where are you heading? And build a solid foundation for change.

- \* Mindset \*Culture \* Design your roadmap
- \* Eco Taskforce \* Green Leadership

#### 03

#### **GREAT PRODUCTION, TINY IMPACT**

Great practice from both sides of event production with key emissions areas

\* Energy \* Food & Drink \* Transport & Travel \* Onsite Behaviours \* Education

05

#### **BUILDING & LIVING YOUR VALUES**

Equity explained Diversity & Inclusion Community cohesion

- \* Living Wage \* Cater to everyone
- \* Working with the community
- \* Giving back with Impact

#### 02

#### **NET ZERO & BEYOND**

Net zero explained Helpful tools and systems Building a climate-positive mindset

- \* Setting Parameters \* Carbon Accounting
- \* Impact Reporting \* Sharing values

#### 04

#### **ZERO WASTE & CIRCULARITY**

The root of waste, The scale of the problem Quick wins & long-term opportunities

\* MIndset on waste \* Prevention first

\* Waste and culture \* Practical Action

#### 06

#### SUPPLY CHAIN & COLLABORATION

People over targets Carrots and Sticks Regular, meaningful engagement

\* How and when to engage \* Procurement

\* Managing Suppliers \* Build the future roadmap

### Begins 8th June. Join the Journey.



Briony Pete Founder & Director The Circular Life



Danielle Ward Founder & Director, reWARD Events

#### WWW.CIRCULARLIFE.CO.UK/LEADING-SUSTAINABILITY







## **OPEN MIC**





## Fundraising - Meetings Needs

## **BEAM auction and raffle: £5287**

## Tough Mudder: £1344.20

## your M meetingneeds donations meeting needs

The Project: Providing teacher's accommodation

#### The Issue:

Uphill Junior School provides equal opportunity education to children in Iruhuura, Uganda. Many students are orphans or come from single parent households and child-led households. -There is currently no accommodation at the school for teachers. -Accommodation is commonly included in remuneration packages in Uganda. The school is currently at the mercy of local landlords. -Paying the increasing rents takes away from staff salaries, making it difficult to recruit and retain educators.

#### The Solution:

A Meeting Needs grant of £5000 provided:

clean and safe rooms = 350 vulnerable children for staff



### **Prizes**

Down Hall

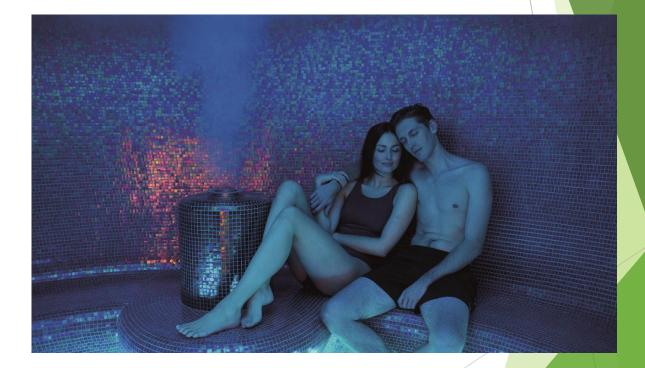
Overnight Dinner Bed & Breakfast Down Hall is one of England's most established country house hotels. Elegant and comfortable, most rooms feature views over the 110 acres of landscaped gardens, parkland and woodland that surround Down Hall. Your stay will include overnight accommodation for two people in a Classic double or twin room, dinner per person and full English breakfast.





The Sunset Hideaway is the perfect way to relax and soothe away the stress of everyday life.

This package includes: £30.00 per person dinner allowance, 1 night stay at The Waterfront Hotel Full English or Continental breakfast 3 hours use of spa facilities from 2.00 pm - 5.00 pm on day of arrival.



Y Spa Goody Bag

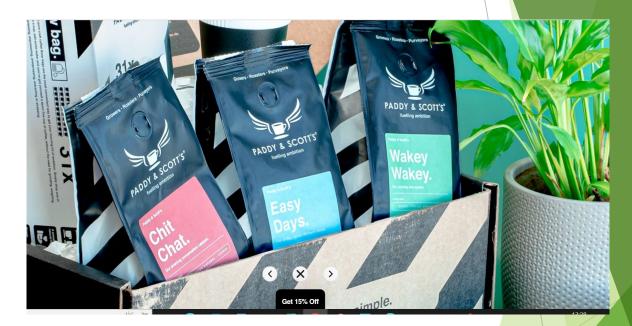
## NEOM ORGANICS · LONDON

# **Murad**<sub>®</sub>





fuelling ambition



The Ultimate • Collection 1x Wakey Wakey (227g) , 1x Chit Chat (227g), 1x Easy Days (227g), 31x Brew bags, 1x Fuel Flask

Our coffee in all it's glory, the ultimate starter collection.





By purchasing a bottle of Sea Change Prosecco you'll be helping to fund vital research and supporting our charity partner behind the amazing film 'A Plastic Ocean', named by Sir David Attenborough as "one of the most important films of our time".

# Nothing Changes If

## **Nothing Changes**



