

CO₂count



What is CO₂Count?

The CO₂Count service will calculate the amount of CO₂ and other Greenhouse Gases generated by your fleet.

Greenhouse Gases include:

- Carbon Dioxide - CO₂
- Methane - CH₄
- Nitrous Oxide - N₂O

We use the **DEFRA** (Department for Environment, Food and Rural Affairs) figures to calculate the emissions.



Who is CO₂Count for?

For some time many large to medium size businesses have been required by law to report carbon related emissions and develop carbon reduction strategies as part of the UK Government and EU legislation commitments to reduce carbon based emissions.

It now looks increasingly likely that mandatory reporting at lower business consumption use may become a requirement as it is already for certain sectors of Industry.

Many of our existing fleet customers have been seeking advice/help in order to provide reporting on their carbon use, mainly because their own customers have asked for reporting and have been unsure what to report and how.

In order to assist our customers we have developed a new product and service, CO₂Count.

As a company, along with this service, we have undergone registration and accreditation to ISO50001 Energy Management with SGS.

We will also be helping our CO₂Count offset some of their emissions by donating 10% of any proceeds to help protect the world's rain forests.

If you have any questions, please contact info@co2count.org.uk





Why are rainforests important?

Rainforest destruction is a massive contributor to climate change and yet every minute 100 acres of rainforest is cleared. If this continues it will not only have a devastating affect on our climate and water supplies but will threaten millions of species of plants and animals.

Rainforest facts;

- Rainforest destruction accounts for as many CO₂ emissions as the USA
 - six billion tonnes each year.
- 1.6 billion people depend on rainforests for their welfare and livelihoods, with 350 million of them living in rainforest communities.
- Rainforests are made of carbon. When the forest is destroyed, this carbon is released.
- Rainforests are critical to global weather systems acting as the world's thermostat.
- The Amazon rainforest provides 20% of the world's fresh water, a fifth of the world's oxygen.
- Rainforests are home to two-thirds of living animal and plant species on the planet, with hundreds of millions of species still undiscovered.
- The forests are the "world's pharmacy" because of their wealth of natural medicines and destroying them can destroy the chances of new breakthroughs in treatment.



CO₂count



The Big Problem

In the next 24 hours, deforestation will release as much CO₂ into the atmosphere as 8 million people flying from London to New York. That's about 100 acres cleared every minute.

There are many reasons why this happens; Cattle Ranching, Agriculture, Logging, Oil. But these are short-term gains. Rainforest soil is thin and fragile. Once cleared, its goodness is gone in five years.

On a global scale, turning rainforests into timber and farmland makes no sense at all, environmentally or financially. Rainforest has an international carbon value far in excess of its farming worth, and when managed sustainably it can generate a good income for the local economy.



This is where you, CO₂Count – and Cool Earth – come in...

The Solution

Cool Earth is an organisation striving to protect rain forests and the people who live in them. Cool Earth knows that the rainforests are worth much more left standing – both for the planet and for local communities. Their solution is simple: to secure land that would otherwise be sold to loggers and ranchers and to price deforestation out of the market.

Here's how Cool Earth do it:

With donations like ours from CO₂Count, Cool Earth secures rainforest which would be destroyed over the next 18 months.

Cool Earth puts the money in a local trust and makes the communities there the legal custodians of this land.

Through community rangers and satellite imagery Cool Earth monitor and protect the rainforest from any illegal activity around the clock.

Cool Earth enables the indigenous communities to earn a better income through sustainable employment programmes. By supporting schools, clinics and sustainable jobs, Cool Earth makes sure forest protection goes hand in hand with better lives.

10% of customers subscriptions to CO₂Count are used to sponsor a part of the rainforest. Cool Earth plot that land on Google Maps for you and set you up with a Cool Earth account, which is your window on the tropics and a way of keeping in touch with the project you've help sponsor.



Click here to see how far our donations have:



- Protected thousands of acres of Peruvian rainforest from logging



- Kept over 900,000 trees standing



- Locked in over 1 million tonnes of carbon dioxide

How is the information reported to the CO₂Count customer?

The customer will receive a CO₂Count certificate after every fuel card invoice, at a cost of only £1 per certificate.

The customer can also access reports via eServices, on screen or download in an Excel or CSV format;

Information > Go to: [CO₂Count website](#) > Go to: [MileageCount website](#) > Go to: [eServices for Invoicing](#)

CO₂count certificate

Invoice No:

Invoice Date:

Account No:

Customer Name:

Diesel					
Petrol					
Gasoil					
LPG					
TOTAL					

This calculation will help you keep a close eye on your vehicles' emissions against your recent invoice. For more detailed information, a transactional breakdown of these figures, drawings download and report, please see your e-services account.

We acknowledge that data conversion factors originate from Defra website. [Date of update and version \(click\) for data.](#)

a DCC company

CO₂ Count Summary page



Ledger	Transaction Number	Date Drawn	Time Drawn	Card Number	Account Number	Site Name	Site Postcode	Driver	Registration	VRN	Site	CO ₂	CH ₄	NO _x
Total Leads	00000640	20/02/2011	01:05:00	000100	560016	TCS WETHERBY	LS22 6NU	R J PICKARD	-	-	S100RJP 59			
Total Leads	00004951	29/03/2011	06:15:00	000100	560016	TCS WETHERBY	LS22 6NU	R J PICKARD	-	-	S100RJP 72			
Total Leads	00003356	05/07/2011	07:13:00	000100	560016	TCS WETHERBY	LS22 6NU	R J PICKARD	-	-	S100RJP 10			
Total Leads	00001954	22/08/2011	06:50:00	000100	560016	TCS WETHERBY	LS22 6NU	R J PICKARD	-	-	S100RJP 11			
Total Leads	00007197	15/07/2011	11:44:00	000209	560016	TCS WETHERBY	LS22 6NU	S A PICKARD	-	-	SAP100R 18			
Total Leads	00001925	21/08/2011	07:41:00	000407	560016	TCS WETHERBY	LS22 6NU	-	-	-	M100EAP	M100EAP 1		
Total Leads	00002522	16/09/2011	02:29:00	000407	560016	DARNALL SERVICE STAT	S9 5HF	-	-	-	M100EAP	M100EAP 1		
Total Leads	0006944	30/09/2011	11:43:00	000407	560016	TCS WETHERBY	LS22 6NU	-	-	-	M100EAP	M100EAP 1		
Summary												Litres	kg CO₂	kg CH₄
												270.59	522.84	

D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z		
Time Drawn	Card No	Account No	Site Name	Driver	Reg	Vm Site	Odometer	Product	Litres	CO ₂	CH ₄	NO _x	CO ₂	CH ₄	NO _x	CO ₂	CH ₄	NO _x	CO ₂	CH ₄	NO _x	CO ₂	CH ₄	NO _x
10:57:00	100	560016	TCS WETH	RPICKARD		S100RJP	40316	Ex Unleaded	35.8															
14:38:00	100	560016	TCS WETH	RPICKARD		S100RJP	40640	Ex Unleaded	45.7															
09:54:00	100	560016	TCS WETH	RPICKARD		S100RJP	41149	Ex Unleaded	43.8															
14:03:00	100	560016	TCS WETH	RPICKARD		S100RJP	1099	Ex Unleaded	38.11	87.7216														
14:37:00	100	560016	TCS WETH	RPICKARD		S100RJP	1800	Unleaded	34.13	78.5604	0.157	0.000												
14:37:00	100	560016	TCS WETH	RPICKARD		S100RJP	1800	Car Wash	1	0	0	0												
19:08:00	100	560016	TCS WETH	RPICKARD		S100RJP	3217	Unleaded	41.63	95.8239	0.1915	0.6494												
13:06:00	100	560016	TCS WETH	RPICKARD		S100RJP	5937	Ex Unleaded	43.46	100.0362	0.1478	0.2625	100.0362											
06:15:00	100	560016	TCS WETH	RPICKARD		S100RJP	7251	Unleaded	20.2	46.4964	0.0687	0.1313	46.68											
19:13:00	100	560016	TCS WETH	RPICKARD		S100RJP	10466	Unleaded	56.68	130.466	0.1927	0.3684	131.027											
06:50:00	100	560016	TCS WETH	RPICKARD		S100RJP	11923	Unleaded	47.62	109.6117	0.1619	0.3095	110.0832											
09:27:00	209	560016	TCS WETH	SPICKARD		SAP100R	25694	Unleaded	41.58	95.7088	0.1913	0.6486	96.5488											
11:44:00	209	560016	TCS WETH	SPICKARD		SAP100R	1837	Unleaded	39.66	91.2894	0.1348	0.2578	91.682											
19:41:00	407	560016	TCS WETH			M100EAP		1 Unleaded	22.25	51.2151	0.0756	0.1446	51.4353											
14:29:00	407	560016	DARNALL SS			M100EAP		1 Unleaded	29.43	67.742	0.1001	0.1913	68.0333											
11:43:00	407	560016	TCS WETH			M100EAP		1 Unleaded	11.29	25.9873	0.0384	0.0734	26.0991											
11:51:00	506	560016	TCS WETH			L100KJP		3348 Unleaded	37.73	86.8469	0.1736	0.5886	87.6											
10:16:00	506	560016	TCS WETH			L100KJP		3631 Ex Unleaded	34.42	79.228	0.117	0.2237	79.228											
12:12:00	506	560016	TCS WETH			L100KJP		4020 Unleaded	38.85	89.4249	0.1321	0.2525	89.4249											
15:16:00	506	560016	NEWTON SS			L100KJP		1 Unleaded	35.12	80.8392	0.1194	0.2237	80.8392											

ch4	kg_n2o	kg_ghg
2.7541	7.4334	1615.88
0	0	0

CO₂count

CO₂

CH₄

NO₂



Marketing opportunity - how you can promote your partnership with CO₂Count and Cool Earth

Let your customers and prospective customers know how you, CO₂Count and Cool Earth are working together to make a difference to the future of our planet, endangered wildlife and forests and make the lives of the indigenous people who live there very much better.

Along with this document containing what CO₂Count is all about, you will find the **CO₂Count** and **Cool Earth** logos, different sized adverts and imagery from Cool Earth's visits to the rainforest.

You are free to use these on your own website to promote your partnership with CO₂Count and Cool Earth, but please make sure you follow these **guidelines**:

- Keep the logos and images in proportion
- Please do not stretch or distort
- Always format CO₂Count with a subscript '2' and capital letters as shown.
- Link back to the CO₂Count website: **www.co2count.org.uk**



Sir David Attenborough: "The idea behind Cool Earth is that if we can help pay to conserve an acre then we can make a real difference. Perhaps the biggest difference we will make in our whole lives."

Dame Vivienne Westwood, Fashion Designer and Environmental Campaigner: "The great thing about Cool Earth is that its activities are focused on the first problem, deforestation. It's really important we do our bit to help fight climate change."

If you have any questions, please contact info@co2count.org.uk