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## TUCO Sustainability Group (TSG) Tuesday 28<sup>th</sup> March 2023 at 10:00 am via MS Teams MINUTES

<b>Attendees:</b>	Matt Tebbit (Chair)	Reading
	Karen Agate-Hilton	LSE
	Sarah Cawthorne	Nottingham
	Judith Hoyle	TUCO (Secretary)
	Annabel Hurst	Cardiff
	Mandy Johnston	TUCO
	Louise Levens	APUC
	Cherese Lewis	Leicester
	Paula Martindale	Chester
	Sarah McLoughlin	TUCO Academy
	Chris Murphy	Chester
	David Nuttall	Harper Adams
	Jonathan Stevens	TUCO Online
	Ros Wilkinson	Lancaster
<b>Guest Presenters:</b>	Duncan Goose	One Water
	Sophie Harrison	WRAP
<b>Apologies:</b>	Hayley Deville	Kent
	Lee Hallam	FX Plus
	Mike Haslin	TUCO
	Ivan Hopkins	Nottingham Trent
	David Morton	Winchester
	Phil Rees-Jones	Cardiff
	Alex Sim	Bristol
	Emma Woodcock	Keele
	Caroline Wynn	Bristol

### 1. Introduction and Apologies for Absence

Apologies as above. Matt welcomed everybody to the Meeting.

### 2. Minutes of the last Meeting

These were agreed as read.

### 3. Presentation by Duncan Goose from One Water

A copy of Duncan's presentation is attached to these Minutes.

#### 4. Presentation by Sophie Harrison of WRAP

A copy of Sophie's presentation is attached to these Minutes.

#### 5. Academy Updates on Sustainability

Sarah is looking to plan a sustainability tour in conjunction with Forest Green Rovers. We will be returning to Studentwerke this year which will include a visit to a wine university. Sarah explained that in Germany all their sustainability is government-led. We will be holding an Ethica webinar on RSPO on 4th April and a Plastics webinar in July. We are still awaiting a response from Cadbury's as to whether they will be attending the upcoming panel discussion.

##### *Menus of Change*

We have been working with Alison from the Culinary Institute of America and also Harvard to potentially set up an accreditation system. We are hoping to use NetPositive to help with the accreditation. There are still places left on the Menus of Change Leadership Conference including two bursary places – deadline for applications is 7<sup>th</sup> April.

#### 6. ProcureWizard

TUCO are looking to do a DPS for Carbon Emissions and are currently in conversation with the likes of Klimato. Mandy questioned whether it would not be better to go with just one supplier. We are also looking at how we put our existing calculator into Access.

#### 7. Sustainability Insights – Survey Results

13 members responded with details of their projects, of which six would like help with writing up their projects and four with filming the projects. Projects included:-

- Room sensors to allow smart environmental solutions to reduce energy in the room
- Behavioural change on Meat Policy
- Quantitative assessment of social value
- Circular economy – single use cups
- 65% plant based hot food menu
- Allotments tended by the students – the produce is then sent to the Catering Team to use
- Plastic-free carbon labelling
- Community Fridge – leftover meals are boxed and labelled and put in the community fridge for students to take free of charge
- Project and Life – leaving students donate clothes and other items for incoming students
- Implementing Klimato carbon labelling across all catering
- Coffee grinds go to research
- Eradicating single use coffee cups
- Provide Grounds team with spent coffee products

#### 8. Local Producers

Jane and Mandy have been working on this.

## 9. Procurement Update

We are working with NetPositive to gain better understanding of what our suppliers are working on. Suppliers will put information into the system and this will then give them a score. This is the same tool that will be used for Menus of Change. We will also be focusing on the circular economy and carbon reduction. TUCO are also working with David at Harper on his food waste project.

## 10. Energy Management for Commercial Kitchens

We will be looking for a single supplier and TUCO will be working on this. Mandy asked the question as to whether we get a single source on this.

## 11. Sustainability Business Plan

Mandy explained that this had been updated just before Christmas and Mike Haslin will be looking after this going forward.

## 12. Sustainability Initiatives

Harper Adams are converting their plastics into 3D Print Cartridges to hopefully eradicate all single-use plastics on site.

## 13. Any Other Business

Ros advised that Lancaster have just achieved the Eco Smart Green Gauge Platinum Award.

## 14. Date and Venue for Next Meeting

This will be held online on a date to be confirmed.

**one**<sup>TM</sup>  
**do one good thing**

March 2023

# The vision

## Create the most ethical hydration brand in the world

One Water was created to fund clean water projects for communities around the globe and it is still making the world a better place today.

Today, One Water comes in a choice of planet conscious cans, bottles and cartons alongside a whole range of new hydration products.

**Do one good thing, choose One and change lives**



### **One man... One brand... One mission**

When our founder Duncan Goose discovered one billion people in the world were without clean water, he made it his mission to change lives.

# Building a positive ethical hydration brand that gives back

## One Water

100 % recyclable

Made from 100% recycled plastic (rPET)

Carbon neutral

Made from recycled aluminium

Produced with green energy (solar & wind power)



On the go

With food

## One Supplements

Helps fund clean water projects



At home

## Ethical solutions for every occasion



CarbonNeutral.com

All One Water products are Carbon Neutral



FOR THE PLANET

We are a proud member of 1% for the Planet



B Corp Certification. Awarded 'Best For The World 2021'

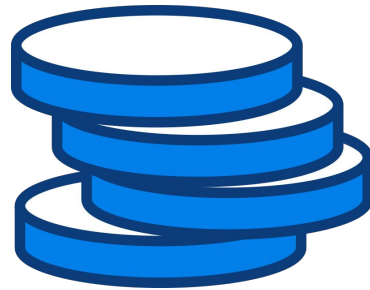
# Sustainability is becoming more important and One is leading the way



% shoppers who are highly concerned about the environment & taking actions has increased by 6% in the LY.

**Predicted to be 50% of the population by 2025!**

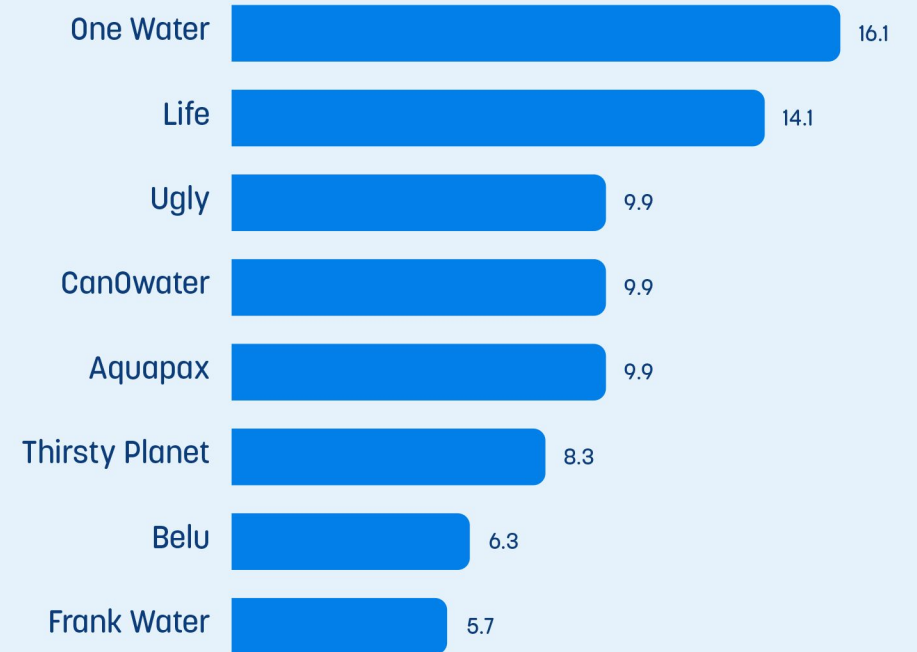
(Kantar, 2021)



56% of consumers would be willing to pay more for a product that is **sustainable**.

(Wealthify, 2021)

## % Consumers who have heard of brand



(Attest 2021)

# One water has proven ethical and sustainable status

## Climate change



We are carbon neutral (scopes 1, 2, & 3) from production to disposal for both products and business.



We donate 1% of annual gross sales to environmental projects through approved non-profit partners.



Our strategies & operations are aligned with the UN's universal principles on human rights, labour, environment and anti-corruption.

## Plastic waste



Our plastic bottles made from 100% rPET, are 100% recyclable and lightweight. We have a broad product range for consumer who want to avoid plastic altogether.

## Water pollution & shortage



The UN calls for countries to address global challenges such as availability & sustainable management of water and sanitation for all (sdg 6).



One Water's purpose is intrinsically linked to water concerns. We have helped raise over £20m to fund water projects in some of the world's poorest countries.



As the **7th founding** partner and rated as one of the top 5% of all B-Corps globally, we envision a global economy that uses business as a force for good.

B-Corps are purpose-driven and create benefit for all stakeholders, not just shareholders



# We see success in giving

Created a foundation as the legitimate vehicle to channel funds to programs we support across the world



## We have some iconic retailers and wholesalers supporting us

**PLANET  
ORGANIC**

 **brakes**  
a Sysco company



**co  
op**

**WORLD DUTY FREE**   
A **DUF**RY Company

**Holland & Barrett**

The Waitrose & Partners logo, consisting of three vertical bars of varying shades of green and yellow on the left, and the text "WAITROSE & PARTNERS" in white on a dark green background.

The Bidfood logo, featuring a stylized blue and green swoosh above the text "Bidfood" in blue and green, with the tagline "Inspired by you" below it.

# Where we are stocked we sell



750ml sports cap

'Leading high street food to go retailer **130 units** per store per week'



500ml sparkling 100% rPET

'Leading high street food to go retailer **35 units** per store per week'



500ml still 100% rPET

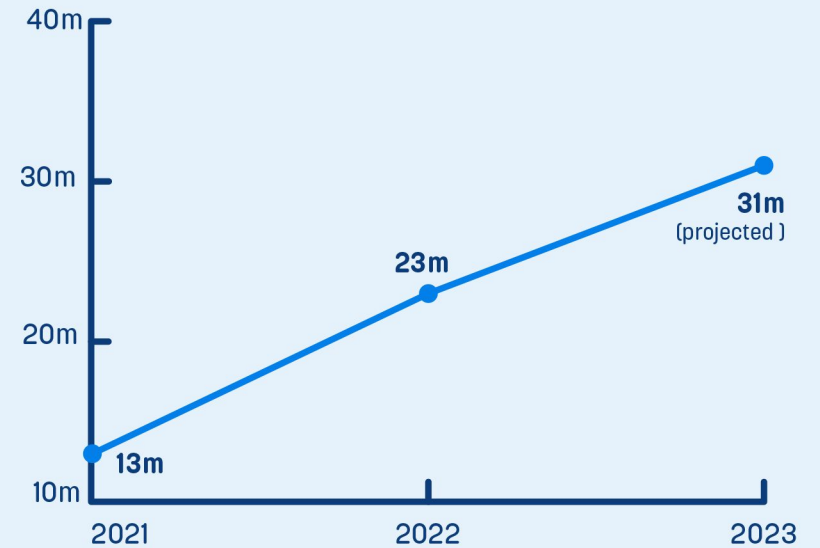
'Leading high street food to go retailer **80 units** per store per week'



500ml Aluminium bottle

'Leading UK grocery chain **25 units** per store per week'

## Momentum back with us

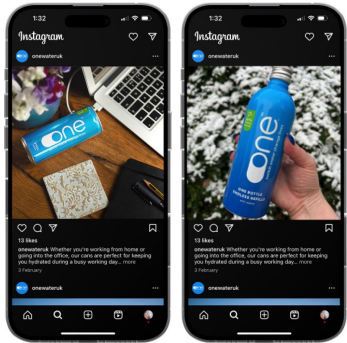


(RSV estimate)

Post covid sales momentum back with volume and demand growing

# Building an ethical community

## Digital first



## Ambassadors



## Education engagement



## New occasions



## do one good thing

Build a community of like minded people



Millennial ethical pacifists  
They care but want brands to do all the work for them  
A brand choice is a badge of honour



Weekend warriors



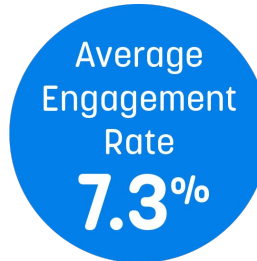
Seeking communities via instagram



Socialisers and foodies



Educated but time poor



Industry benchmark between 3% – 5%

Reach across all channels - 2.5M

Post Impressions - 3.2M

5m reach and impressions across 2023

# Why sell one



Consumers are looking for ethical choices



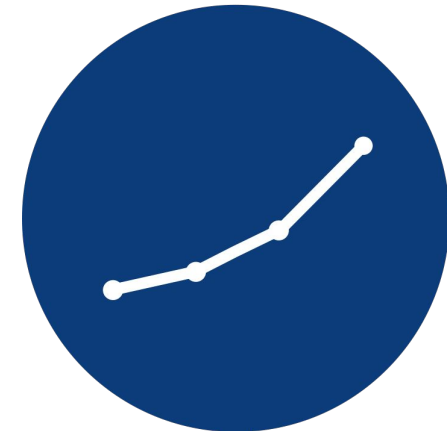
Purpose matters



One is the Number 1



With proven ROS





**IN THE GREAT DEBATE OF  
PACKAGING FORMATS, WHICH  
DO YOU THINK IS THE BEST?**






(answer overleaf, but do ponder your response before looking... or ask a colleague for their opinion too)

# THE QUESTION PROBABLY STARTS WITH WHAT 'BEST' ACTUALLY MEANS. DO YOU WANT SOMETHING THAT'S RECYCLED, RECYCLABLE, LOW CARBON, REUSABLE, SUSTAINABLE OR ???

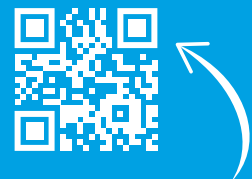
2022 CarbonNeutral® Company and Carbon Neutral® Product Greenhouse Gas Assessment, March 2022

The truth is that there is good and bad in every packaging format and / or by what standard we judge them. In terms of climate change, low carbon formats are better (ours are all carbon neutral to scope 3), in terms of recyclability, all ours can be recycled – some easier than others and where we can, we use 100% recycled materials – like in our plastic and aluminium bottles. In truth, when presented with exactly the same choice you have been, most people opt for the aluminium bottle as 'it looks more premium and can be refilled'. It often surprises them to know the carbon impact vs say an rPET plastic bottle (which can be refilled too).

As a founding B-Corporation in the UK back in 2015 – and rated in the top 5% globally since then for our community work (we've helped over 4 million people get access to clean water in Sub Saharan Africa), we will always strive to do our best for people and the planet. Our feeling is, that, if you have to buy bottled water, buy one that will help changes lives and perhaps be a little bit kinder to the planet. If you'd like to know more about One, what led its founder, Duncan Goose, to ride a motorbike around the world, and then start one of the UK's first purpose led businesses, or what led to the making of 'Finding the Kibera girl' film.

Product Type	Image	Contents	Carbon Neutral	Cradle to Grave Carbon Footprint (gCO <sub>2</sub> e /Unit)	% Recycled Materials	Reusability	Recyclability	% Recycled in the UK	Min. Years to Decompose	Max. Years to Decompose	Energy required to produce (MJ/kg)	Water used to produce (l/kg)	% Energy Saved by Recycling
Plastic		100% Recycled Plastic (rPET)	Yes	96.23 500ml still	100%	Limited	100%	45%	100	450	<10	TBC	TBC
Cartons		60% Sustainable Paperboard 16% Bio-based Plastic from Sugar Cane 19% Virgin PET 5% Aluminium	Yes	207.81 500ml still	0%	Limited	100%	80%	80	200	<10	<1	68%
Cans*		50% Recycled Aluminium 50% Virgin Aluminium	Yes	214.97 330ml still 216.95 330ml sparkling	50%	No	100%	68%	80	200	<60	<50	96%
Glass		40% Recycled Glass 60% Virgin Glass	Yes	422.31 750ml still 426.88 750ml sparkling	40%	Yes	100%	50%	500	1,000,000 +	<20	TBC	21%
Aluminium Bottle		100% Recycled Aluminium	Yes	516.19 500ml still	100%	Yes	100%	68%	80	200	328	<50	TBC

\*based on 68% recycled material, being updated for 50%



WATCH 'FINDING THE KIBERA GIRL' FILM HERE

PLEASE DO GET IN TOUCH: HELLO@ONEWATER.ORG.UK



# BAM Session





# Why we started Courtauld supply chain (scope 3) GHG work programme

- **Most food & drink businesses have (or are working on) GHG targets which include their supply chain (scope 3 emissions)**
- **They all have the same challenge: how to robustly track progress (are actions taken translating into emissions reductions?)**
- **Working in isolation = a proliferation of different measurement approaches**
- **Also a difficulty for suppliers facing multiple requests for information**
- **This has created an uneven playing field and a barrier to progress / inertia**
- **Identified many initiatives, but no forum that convened different parts of the supply chain to help the whole industry move forward faster**



# Many & increasing calls for transparent supply chain data and disclosure

## RACE TO ZERO

UK to make climate risk reports mandatory for large companies

Rishi Sunak says disclosures will be mandatory within five years as part of net-zero plans



TCFD

ENVIRONMENT

## Food industry braces itself for mandatory carbon labelling

By Ian Quinn | 2 December 2020






### But need:

1. CONSISTENCY of accounting / measurement
2. Better information flows / more robust data (or fit-for-purpose)
3. Ensure this doesn't push problems up the supply chain (burden on producers)



# Scope 3 is the most significant part of an origination's total footprint

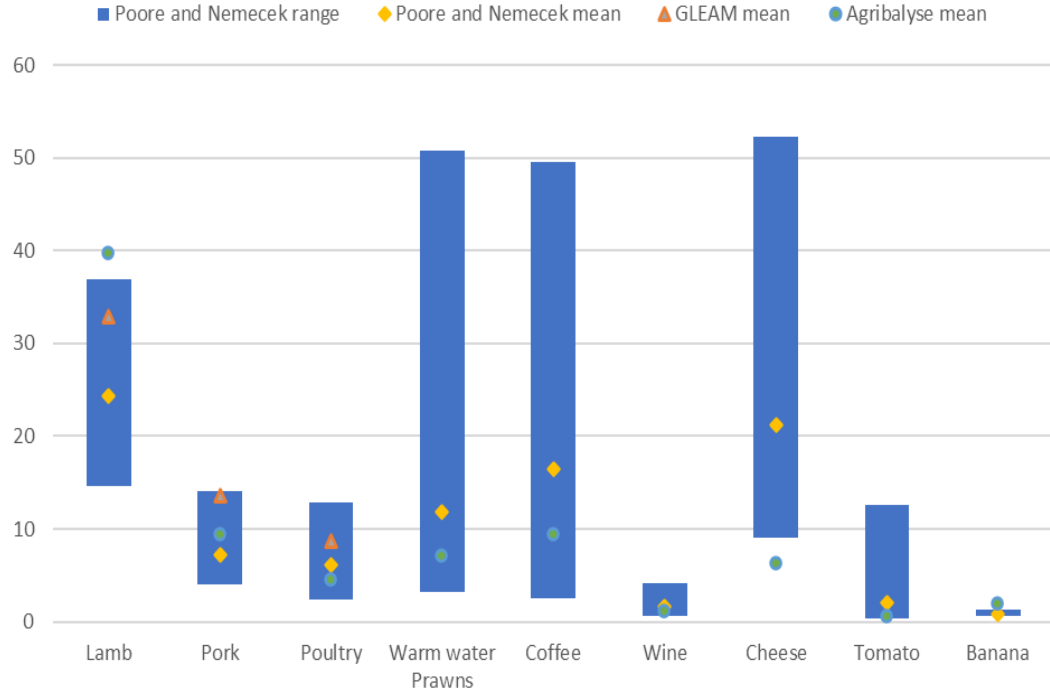
(example from ZCF Roadmap)

Sub-sector	Scopes 1, 2 & 3 Intensity (market-based)	Scopes 1 & 2 Contribution	Scope 3 Contribution
 <b>Pubs</b>	363.9 tCO <sub>2e</sub> / £m	17%	83%
 <b>Restaurants</b>	376.9 tCO <sub>2e</sub> / £m	11%	89%
 <b>Quick Service Restaurants</b> <small>(Franchise Business Model)</small>	570.7 tCO <sub>2e</sub> / £m	3%	97%
 <b>Hotels</b>	579.1 tCO <sub>2e</sub> / £m	39%	61%
 <b>Breweries</b>	832.9 tCO <sub>2e</sub> / £m	11%	89%

For HaFS sector businesses Scope 3 represents, on average, **84%** of total emissions

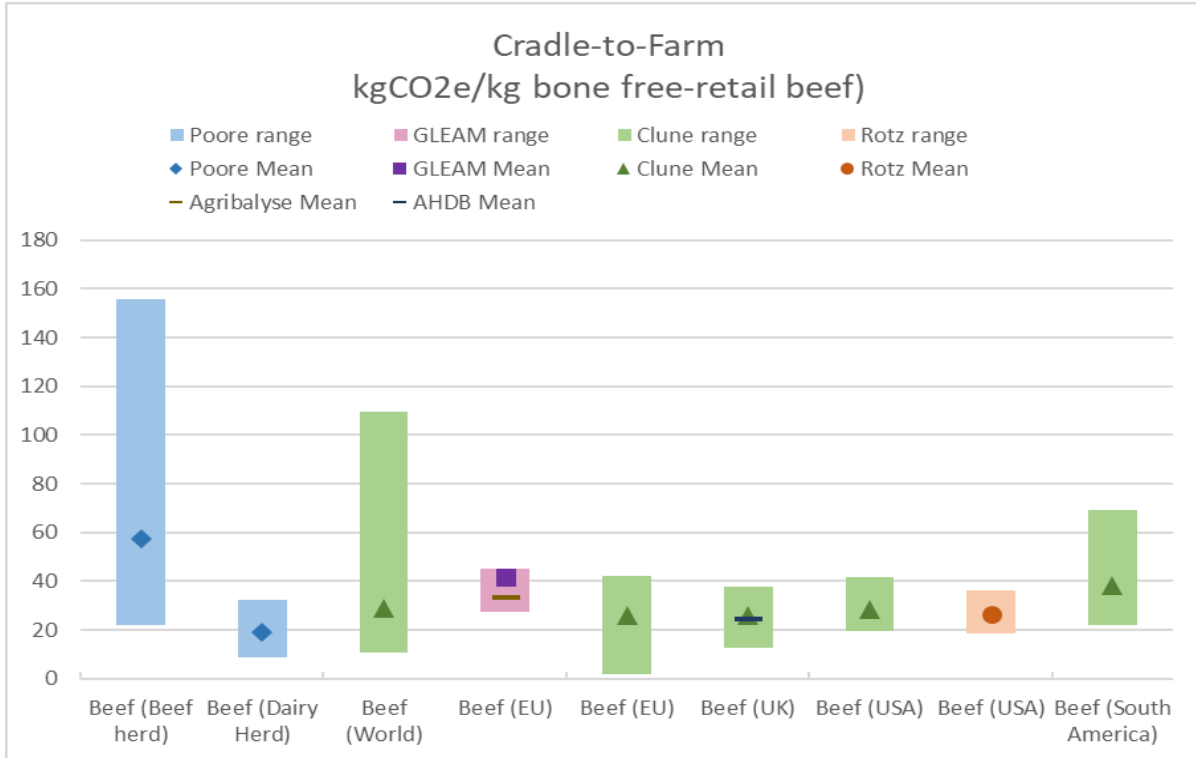
# Challenge of relying on average GHG emission factors for purchased goods

kgCO<sub>2</sub>e/kg retail weight (no beef)



- **Published values are very variable**
- **Hard for businesses to know if representative for their supply chain**
- Food / ingredient choices are not always black and white
- **And hard to understand progress over time** (these values are all historic and not frequently updated)

# For some products it makes a big difference where and how it is produced





# Consistent Scope 3 Measurement & Reporting Protocols for UK Food & Drink

- **Global standard in place**  
(some aspects in development)
- **Open to interpretation**
- **Many questions raised by food & drink businesses (and others) – e.g.**
  - Consistent definition of measurement boundaries
  - Data sources & validation
  - Means to demonstrate progress



*Corporate Value Chain  
(Scope 3) Accounting  
and Reporting Standard*



Forest, Land and Agriculture  
(FLAG)



Land Sector and Removals  
Guidance



Many calls for consistency

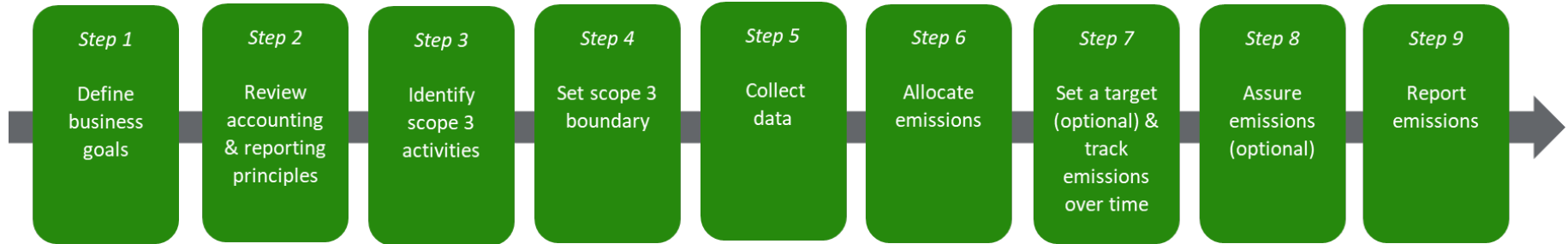


Serve as THE measurement approach / rules for scope 3 for food & drink businesses



# Structure of document – Publishing May 2022

- **Structured to mirror the steps of GHG Protocol Scope 3 Standard**
- **Summarises steps to take, requirements and recommendations**



- All requirements are in conformance with the GHG Protocol Scope 3 Standard / SBTi
- But there are also recommendations or requirements that provide additional specificity and consistency of accounting for food & drink businesses
- Requirements from other standards & guidance etc. are also included (everything in one place)

# WRAP food & drink emission factor datasheet

Product Type	Source product name	Source database	Geographic region	Production system	Data Quality Score	Functional unit
Bananas	Banana, mixed production, West Indies, a	agribalyse	West Indies	conventional, mixed	1.67	1 kg of whole product sold for
Bananas	Bananas	clune	Undefined	field grown	3.00	1 kg of fresh produce
Bananas	Bananas	poore_nemecek	global	mixed	3.00	1 kg of fresh fruit/vegetable
Bananas	Plantain banana, raw	agribalyse	France	mixed	1.67	1 kg of prepared product
Beef - Unprepared/Unprocessed	Beef	bord_bia	Ireland	mixed	1.67	kg liveweight
Beef - Unprepared/Unprocessed	Beef (beef herd)	ciel	UK	conventional	3.00	1 kg bone-in carcass weight
Beef - Unprepared/Unprocessed	Beef (dairy herd)	ciel	UK	conventional	3.00	1 kg bone-in carcass weight
Beef - Unprepared/Unprocessed	Beef Australia	clune	Australia	mixed	3.00	kg bone-free meat
Beef - Unprepared/Unprocessed	Beef cattle, national average, at farm gate	agribalyse	France	conventional, national	1.67	kg of live weight
Beef - Unprepared/Unprocessed	Beef EU	clune	EU	mixed	3.00	kg bone-free meat
Beef - Unprepared/Unprocessed	Beef Nth America	clune	North America	mixed	3.00	kg bone-free meat
Beef - Unprepared/Unprocessed	Beef Sth America	clune	South America	mixed	3.00	kg bone-free meat
Beer	Beer, "specialty", from abbey or regional	agribalyse	France	mixed	1.67	1 kg of prepared product
Beer	Beer, alcohol-free (<1,2% alcohol)	agribalyse	France	mixed	1.67	1 kg of prepared product

- Pulls publicly available values together in one place – so there is a consistent dataset available for businesses to use
- **Starting point only.** Much more work as part of the Courtauld programme on the path to better supply chain data





# Supplier GHG questions for key product types

- **Aim: For different products - develop a set of simple questions /KPIs that are most important to ask suppliers**
- Either because they:
  - i. Could have a catalysing effect: by asking the right questions can we help drive the right actions
  - ii. Could inform scope 3 accounting
- **Doing this together is valuable:**
  - Sends message on intention for more consistency
  - Power of everyone asking the same questions...

*Wine*

*Coffee*

*Cheese*

*Beef*

*Lamb*

*Pork*

*Poultry*

*Warm water prawns*

*Bananas*

*Tomatoes*



# What we are launching on 19<sup>th</sup> May

## Scope 3 GHG Measurement & Reporting Protocols for Food & Drink: Summary



**wrap**



Serve as **THE** measurement approach / rules for scope 3 for food & drink businesses

### Suite of materials

- **Large technical document** - summarises global standards for scope 3 accounting and interprets them for food and drink sector
- **A shorter summary document signposting key information**
- **A pilot set of supplier GHG questions for key product types in UK emissions inventory**

### Coming soon

- **The emission factor datasheet** - a reference set of publicly available GHG emission factors for food and drink products – **being peer reviewed**



# Our Pilot Companies (so far)



EST. 1884





# Comms

- Defra quote
- Grocer interview (hopefully)
- Linked in
- Twitter
- New webpage
- Press release sent out



wrap

2030  
Food and drink

THANK YOU