ORCHESTRATED BY

**Deloitte.** 





Webinar Decarbonization of the food system

Realizing a net zero, or carbon negative food system

**EVENT WILL START AT 4PM CET AND WILL BE RECORDED** 





4:00PM - 4:20PM 4:20PM 4:40PM 5:00PM 5:00PM 5:30PM

Panel discussion Decarbonization journey: A responsible food chain Creating a world of sustainable nutrition facilitated by for future generations From commitment to successful execution Fred Nijland Johan De Schepper Juan Aguiriano Birthe van der Voort Head of Innovation Food Decarbonization Lead **Group Head of Sustainability** Future of Food Partner





**4:00PM - 4:20PM** 4:20PM - 4:40PM 4:40PM 5:00PM 5:00PM - 5:30PM

Decarbonization journey: From commitment to successful execution Fred Nijland Food Decarbonization Lead











## Corporates are making bold commitments to reduce their carbon footprint



#### Ahold Delhaize brings netzero target forward to 2040 for direct carbon emissions

November 12, 2021 03:00 F

Delhaize believes it is imperative that it achieves ecarbonization of its business and partners to enable a 1.5°C-future. Ahold Delhaize and its brands commit to reach han 2040 (scope 1 and 2) and to becoming net-zero

### World's largest brewer promises carbon neutral breweries by 2028



Brewing giant AB InBev has pledged that its five largest European breweries - including those in Jupille and Leuven - will be carbon neutral by 2028, it

'The term 'net zero' refers to the balance between the amount of emissions produced and the amount removed from the atmosphere," the group explained in a statement, adding that its ambition is to achieve netzero emissions in its entire value chain by 2040, Belga News Agency reports

#### Nestlé targets regenerative agriculture in £3bn climate plan



across supply chains worldwide as it sets sights on net zero emissions by 2050

### Starbucks Lays Out Sweeping Goals to Combat Climate Change

the coffee chain wants to cut carbon emissions in half and reduce half of its

#### McDonald's opens "UK's first net-zero restaurant"











Nat Barker | 20 December 2021

36 comments

Fast-food chain McDonald's has opened what it claims is the UK's first net-zero carbon restaurant building.

#### EasyJet to offset carbon emissions from all its flights

Airline will also relaunch its package holiday business in wake of Thomas Cook collapse



### Microsoft pledges to be 'carbon negative' by 2030

company seeks to remove more carbon from the atmosphere than t emits within a decade

#### HEINEKEN

HEINEKEN aims to be carbon neutral in production by 2030 and full value chain by 2040

Source: HEINEKEN NV



### Heineken wants to link executive pay to climate change goals

BY THOMAS BUCKLEY, DANI BURGER, AND BLOOMBERG

June 16, 2021 5:00 PM GMT+2

In order to limit global warming to below 1.5 degrees Celsius we need to cut carbon emissions with 55% before 2030 and be carbon neutral by 2050

## Poll question

Has your company made commitments to reduce carbon footprint?

## Poll question

Are you confident that these commitments will be reached on time in full?

## Climate change poses significant business risks, both financially and operationally...

- **Disruptions throughout the value chain** can lead to increased costs and lost revenue opportunities
- Technology changes can undermine the viability of existing products or services, increase business costs, or affect asset values
- Extreme weather events can damage physical assets, giving rise to financial damage and increased insurance costs, as well as leading to delayed logistics and downstream supply shortages
- Consumer preferences for purpose-driven companies can lead to increased consumer switching
   & financial risk to those unwilling to act

## Driven by various trends, decarbonization represents an opportunity to address those risks and drive value

#### TRENDS

#### **OBSERVATIONS**

#### **EXAMPLES**

Regulatory pressure

Policy changes can alter industry dynamics and require substantial funding to upgrade businesses to comply with regulations





**Investor** demand

Increase future shareholder value by appealing to players who prioritize purpose-driven companies and environmental sustainability; Investors are putting pressure on the food sector to decarbonize



Emission reduction targets

Net Zero by 2050 commitments are becoming the new gold standard. Nearly 20% of global Fortune 500 companies have committed to be Carbon Neutral, Net Zero, or Carbon Negative by 2050 or earlier









Commercial opportunities

Strengthen brand reputation by improving supplier and consumer trust. Direct commercial opportunity includes cost reduction, increased win rate in the market and the targeting of new market segments



## More and more opportunities are arising to tap into the potential value of the carbon market

ANNUAL CARBON EMISSIONS

45 – 50 gigatons CO₂e

Total global emissions in 2021

MONETIZABLE EMISSIONS

25%

X

Estimated percent of total emissions currently monetizable

CREDIT PRICE

\$20 USD/MT CO<sub>2</sub>e

Average price of carbon credit

ANNUAL CARBON MARKETS OPPORTUNITY

\$225 - \$250B

Estimated 2021 market opportunity<sup>1</sup>

#### **CARBON CREDIT VALUE**

The average **price** for carbon credits is expected to **rise 20% annually** over the next five years<sup>2</sup>

#### **INCREASING DEMAND**

By 2030, the **demand** for carbon credits is expected to **increase** >15x and up to 100x by 2050<sup>3</sup>

### **GROWTH IN MARKETS**

As credit value & demand rise, global carbon offset markets are projected to grow to \$200B by 2050<sup>4</sup>



#### INSET

Credit may be retired against the owner's **Scope 3 emissions** 

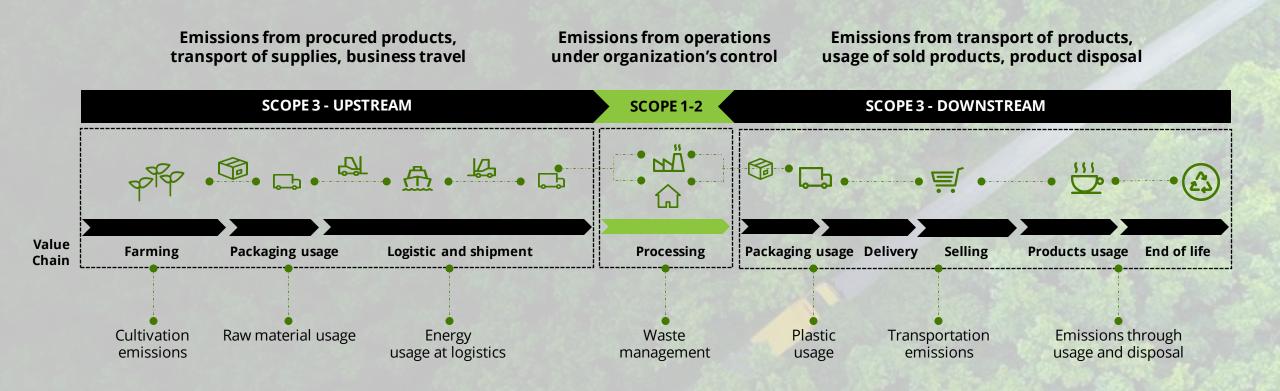
#### **OFFSET**

Credit may be **traded / exchanged** on the market (often outside of food value chain)

## NEW VALUE PROPOSITION

Profits through credits can be used to explore new opportunities

## Your challenge: there are numerous opportunities to reduce your carbon emissions, but which ones to implement?



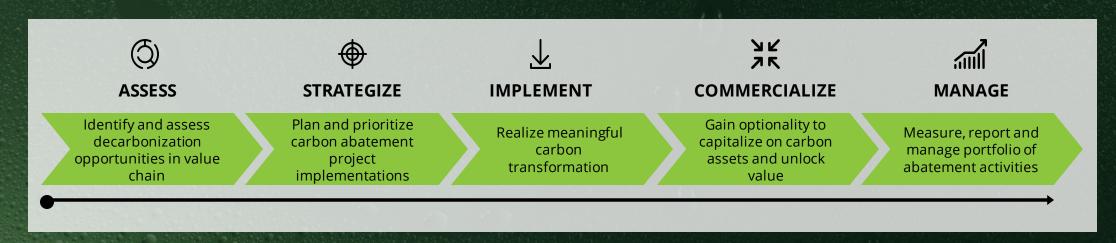
Initiatives are generally focused more on business' own operations (52%¹) or close to organizational boundaries (33%¹); addressing scope 3 emissions is a growing focus

## From (public) commitment to a successful execution of decarbonization initiatives. How to do it?

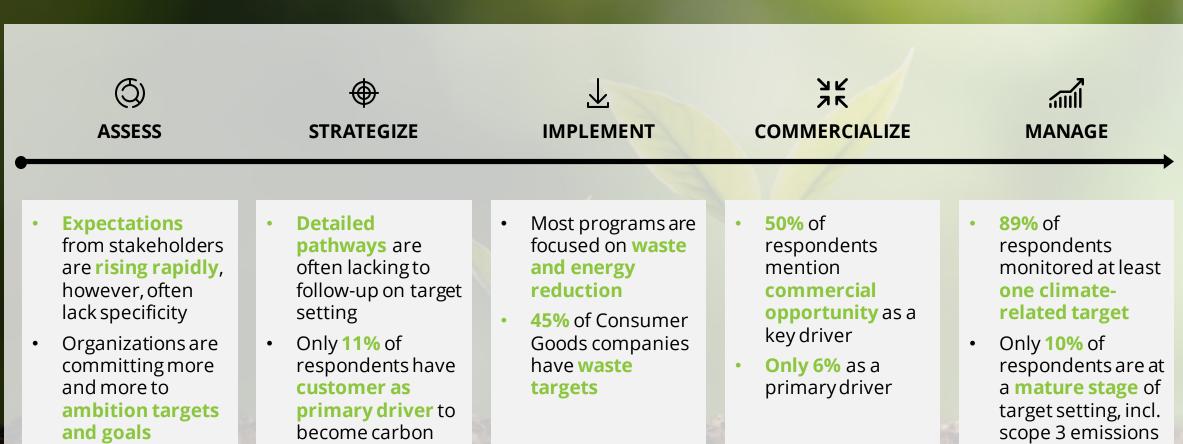


## Poll question

## Where is your company in the decarbonization journey?

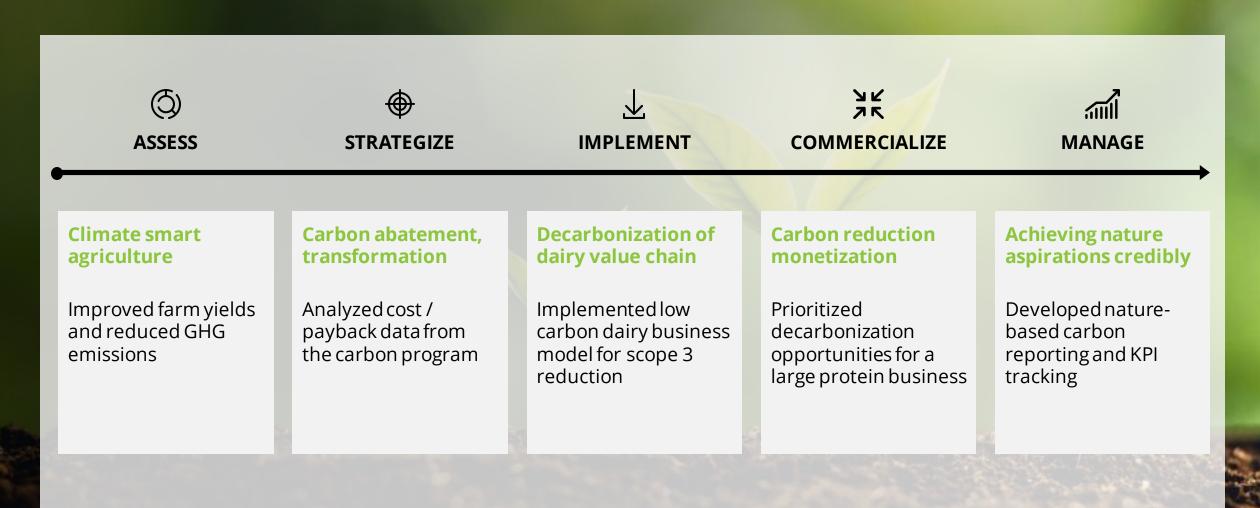


## We have spoken to over 400 companies on how they are transitioning to a zero-carbon future...



neutral

## ... and we are working with clients on their decarbonization journey



## Poll question

What is the biggest challenge that your company is facing to reduce carbon footprint?

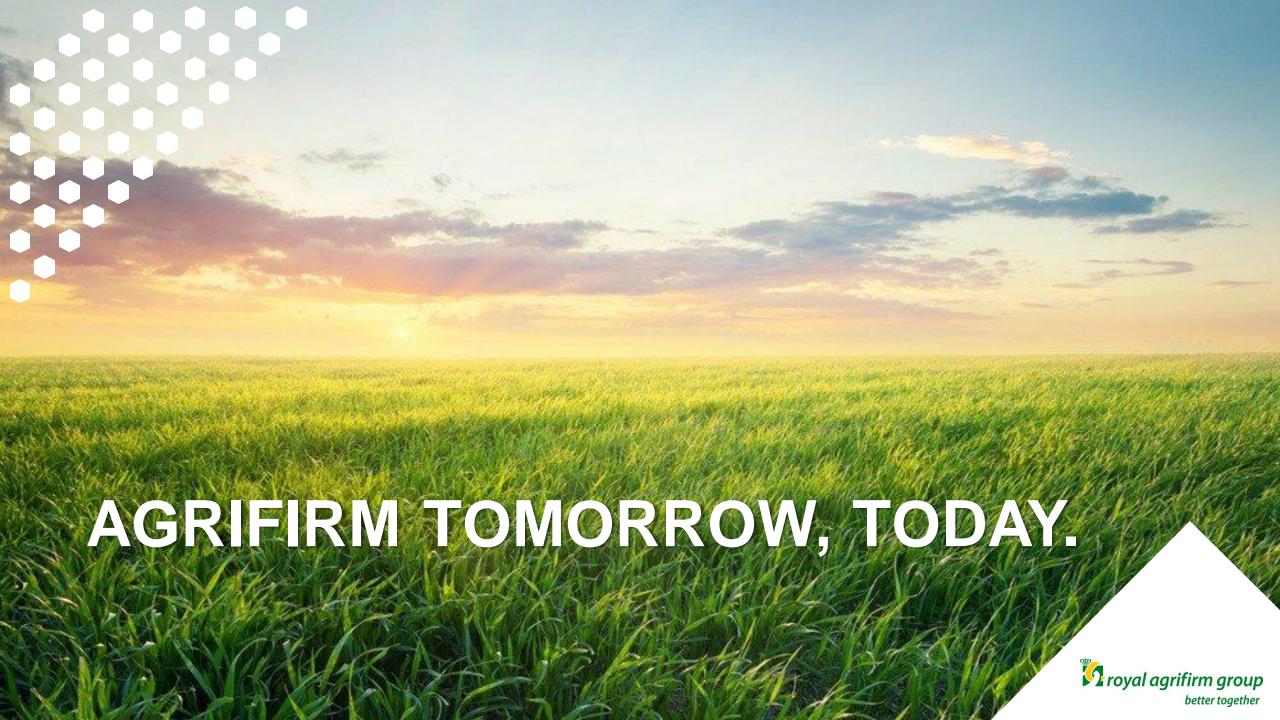


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## Royal Agrifirm Group, The Cooperative

Global export and distribution

## **FINANCE** > € 2.2 billion turnover > € 486.5 million Group equity > 58.4% Solvency **EMPLOYEES** c. 3,000 fte worldwide INTERNATIONAL Locations in Europe, America and Asia

### **SOLUTIONS**

Outdoor Crop & Soil, nutritional and industrial solutions in the agricultural sector worldwide

### **COOPERATIVE**

Since 1892 Equity 100% farmer owned

### **MEMBERS**

Collective ownership of over 10,000 Dutch farmers and growers



## Purpose ...

A Responsible Food Chain for Future Generations



= Sustainable + Profitable + Transparent

= People + Planet + Profit + Perspective

## ! YEIY INNOVATE @ THE COOPERATIVE?





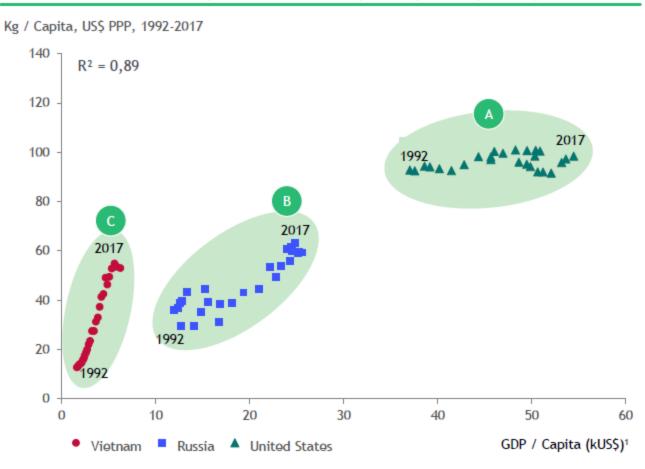


### Compelling drive towards the climate neutral world & agriculture



## Increase of conventional protein consumption with rising income, mainly expec CHANGES roomstrain dulows income countries

### Conventional animal protein consumption per capita by income



- 1. PPP with constant value 2005;
- 2. Share of pop in 2018 by GNI per capita (2016, current US\$, Atlas method), classification from World E Source: World Bank; WHO: OECD FAO; BCG Analysis

### Country clusters<sup>2</sup>

- A Developed countries (15% of pop.)
  - Countries with a gross national income (GNI, PPP) per capita above \$12,000, e.g., United States, Japan, Germany, and France
  - Slow growth as saturation point is reach, total consumption does not decline however
- B In development (35% of pop.)
  - Countries with a GNI per capita above \$4,000. e.g.,
     Russia, China, Mexico, and Turkey

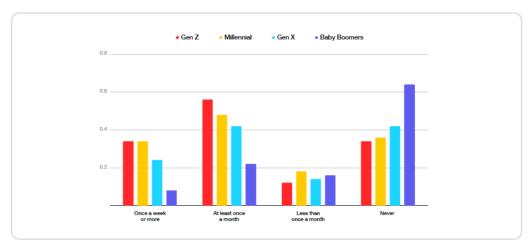


Figure 10. Millennials and Gen Zers are much more likely than previous generations to consume plant-based meat. Source: Data from Impossible Foods.





proteinproducers Enough invests (Oct 7th 2021)

ABUNDA = zero-waste fermentation process to grow a high-quality protein (AA & fibre)



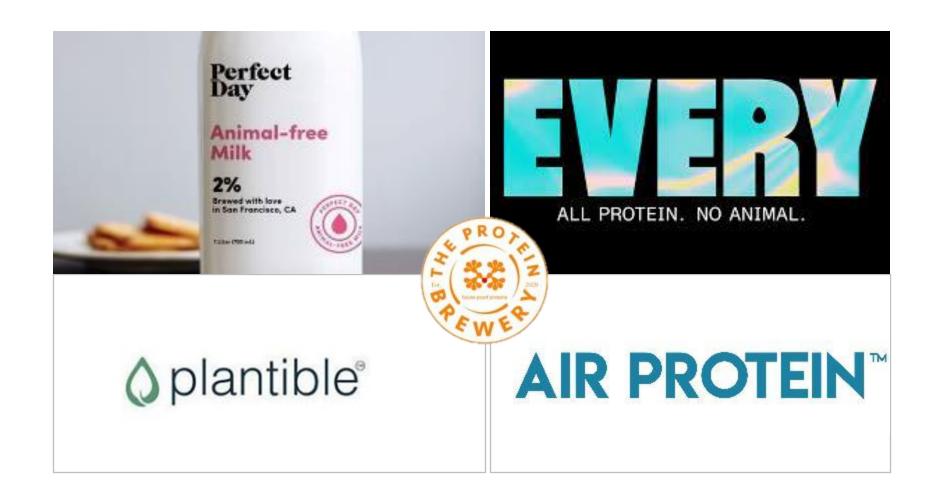
ENOUGH's technology uses a unique zerowaste fermentation process to grow a highquality protein. Natural fungi are fed with renewable feedstock. This produces a mycoprotein, a complete food ingredient containing all essential amino acids as well as being high in dietary fibre. Recent estimates suggest the global meat-free sector will hit US\$290 billion in 2035.







### Technology





# In changes are waking up to the agrifood to opportunity

The first generation of agrifood tech companies have made major waves.

- Impossible Foods Valuation
   \$ 147 M (2013) → \$ 10 B (2021)
- Beyond Meat Valuation
   \$ 5 M (2011) → \$ 9.2 B (2021)
- Oath Valuation
   \$1 'M (201 ) → \$ / B (2 . 1)



## Journey outside in and future back ...





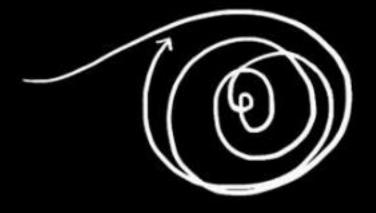
LINEAR ECONOMY



RECUCLING ECONOMY



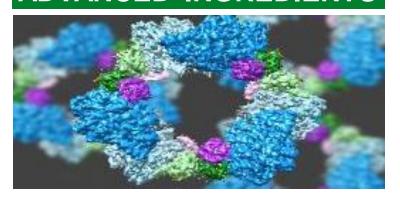
CIRCULAR ECONOMY





## OUTSIDE IN & FUTURE BACK → CORRIDORS (Innovation Spaces)

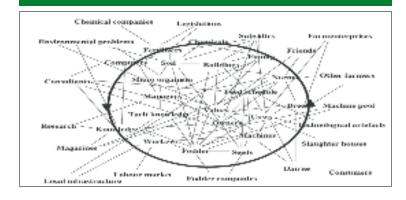
## ADVANCED INGREDIENTS



## SMART DIGITAL



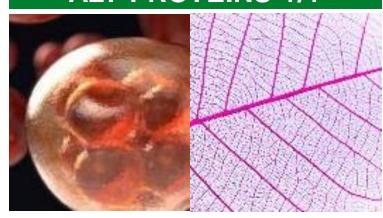
## **CONNECTED CHAIN VALUE**



### **SHORT CONSUMER TRACKS**



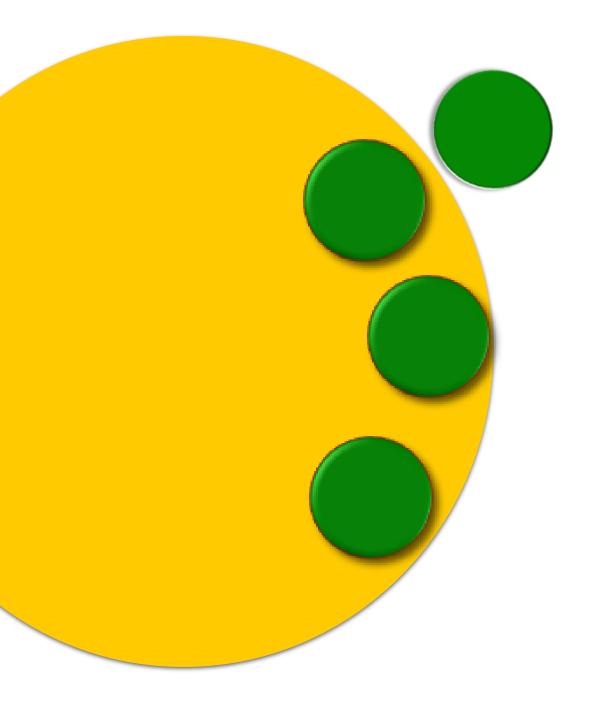
## **ALT PROTEINS +/+**



## **CIRCULARITY**







R&D = Perspective for the **core** – "sustainalize" (EXPLOIT),

Corridors = preparing **new business** (EXPLORE)

on the edge or outside of the business today





## So Why Innovate?







## hemes For Local circular Food Production systems

1. Lower landuse

2. Produce animal circular feed

3. Treat and process manure

4. Soil care and (circular) fertilizers

5. Take care of crops with a **regenerative** cultivation system

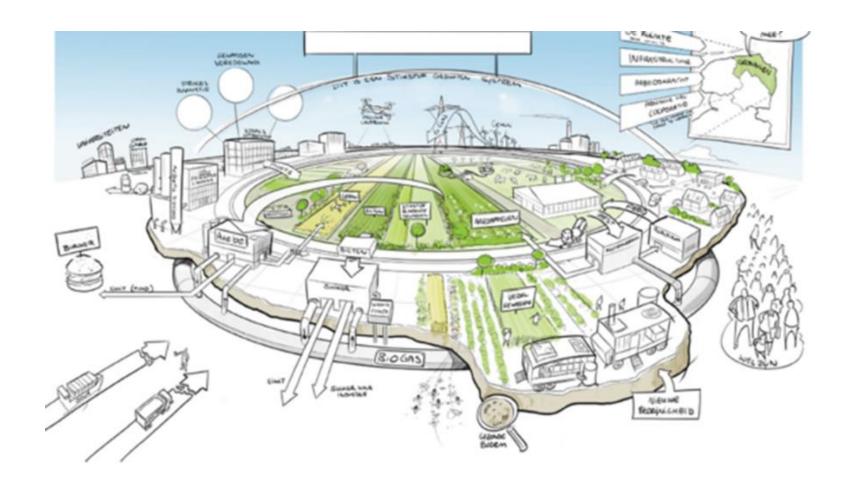
6. Lower the amount of drinking and irrigation **water** meanwhile improve the quality.

7. Reduce and transform towards renewable **energy** 

8. **Diversification** of the revenue model of farmers



## Perspective For Agriculture in NL & beyond – local farming communities



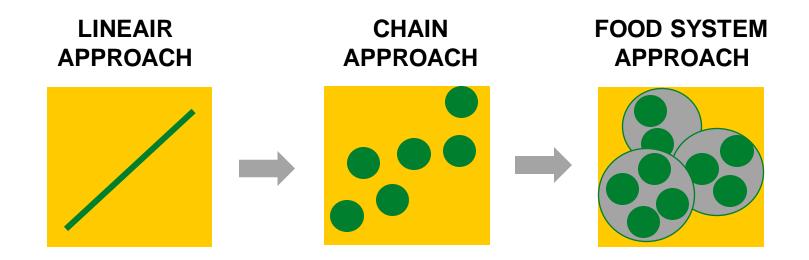


CORRIDORS
for a
CIRCULAR
AGRO-ECONOMY

cases

# Regenerative Farming

## Sense of Urgency → Shift from linear system to circular system



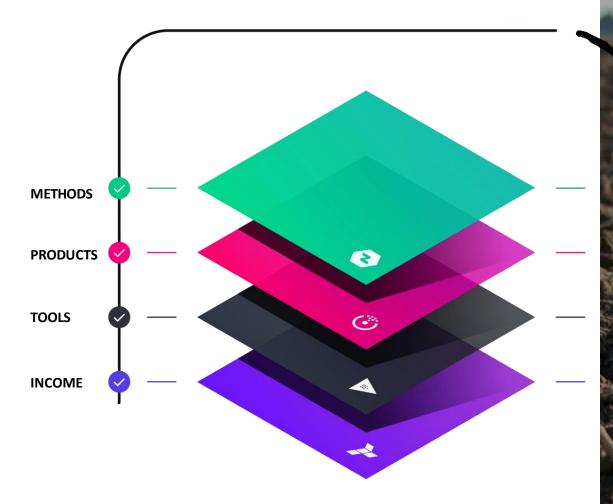
REGENERATIVE AGRICULTURE

An approach to farming that uses **soil conservation** as the entry point to regenerate and contribute to **multiple ecosystem services**, with the objective that this will enhance not only the **environment**, but also the **social and economic** dimensions of **sustainable food production** (Schreefel et all)



## Regenerative Agriculture Program

What do we offer?





- Tailored advice on sustainable crop cultivation methods to implement innovative best practices and methods to secure a regenerative system
- 2 Complete portfolio of bio solutions; recommending suitable fertilizers and stimulants based on soil status, crop demand and farm characteristics
- Data-driven support application combined with sensors to enable healthy crop cultivation for a regenerative system by measuring and monitoring crop growth / performance during the season
- Carbon credit plan to improve, measure and verify carbon sequestration on the farm, to generate additional income by selling the carbon credits

Royal Agrifirm Group | Carbon Credit Solution - Company Confidential - The following proprietary presentation (Confidential and is part the NDA



## Agrifirm's Regenerative Agriculture Program

**HOW** We offer a suite of services and products to support our farmers;

01

#### Regenerative cultivation advice

Offering tailored advice on sustainable crop cultivation methods and regenerative management practices and enabling on farm support during the season

Regeneration gewasvitaliteitsplan

De lossassing van regeneration grantigen is goverig voor het hele regeneration is dedocoveysteem. Agriffen kan regeneration in the production of the producti

02

#### Portfolio of alternative bioproducts

Offering a portfolio of bio solutions; recommending suitable fertilizers and stimulants based on soil status, nutrient demand and farm characteristics



03

#### **Precision farming solutions**

Offering data-driven support applications combined with sensors to enable healthy crop cultivation by measuring, monitoring (real-time) crop performance during the season



04

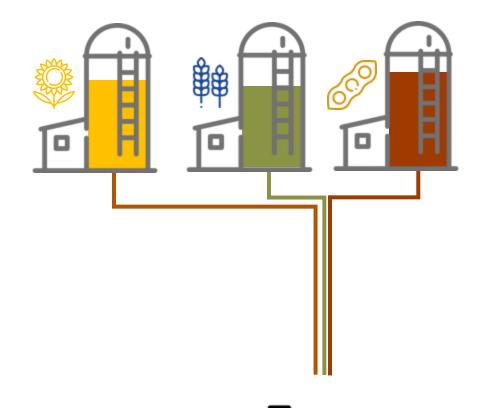
#### **Carbon credit solutions**

Offering different carbon solutions that measures, monitors, verifies and monetizes the sequestered carbon on your farm, to cover part of the costs of transitioning



# Making Inedible biomass edible

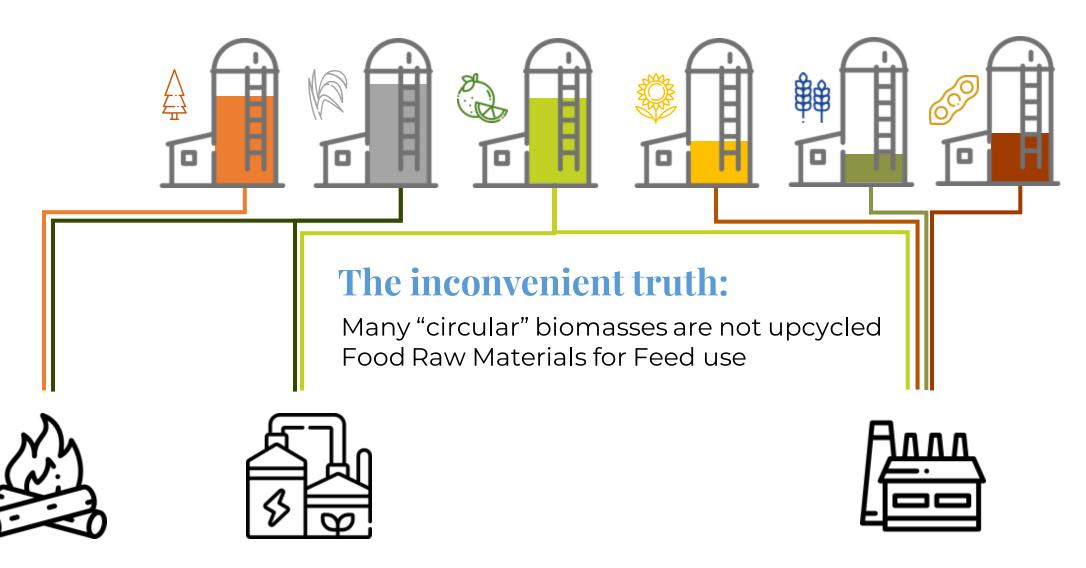
# The story of Agrifirm and biomass upcycling



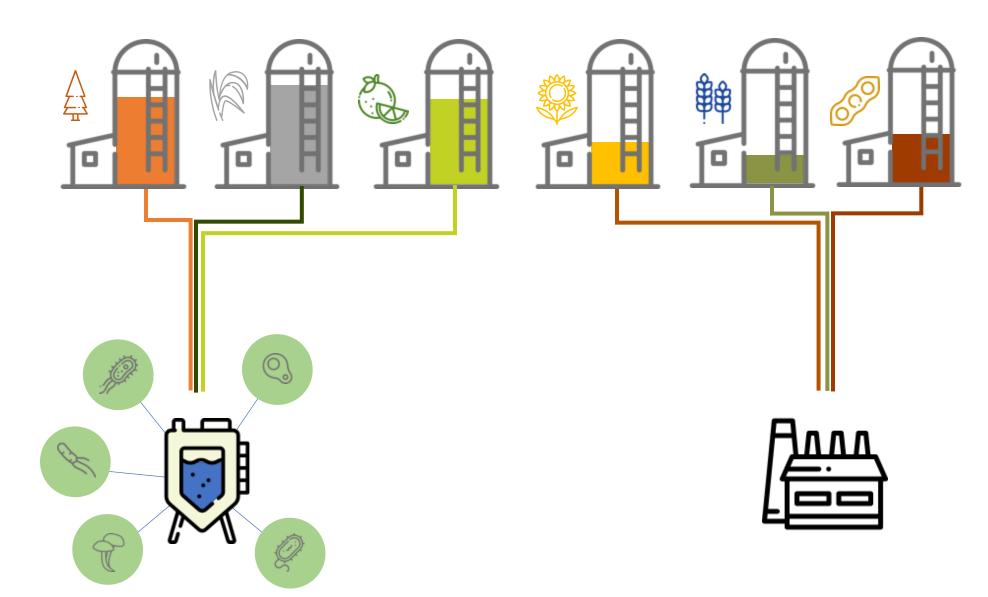
## Our traditional right to play:

Processing biomass & ingredients into highly nutritious feed

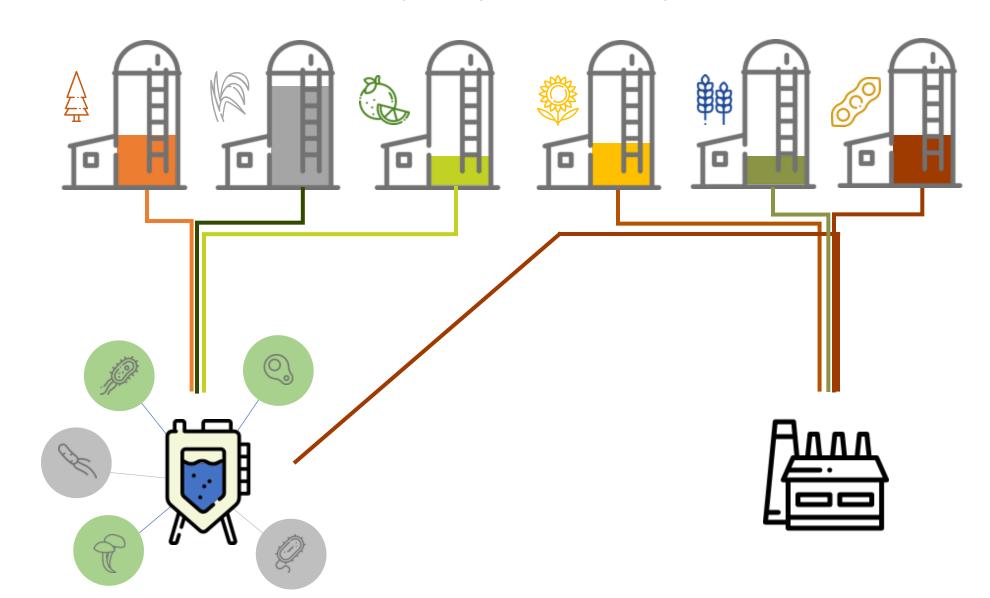
# The story of RAG and biomass upcycling



# Solution: flexible Single Cell Protein production



# Solution: flexible Mycoprotein production



# Our workhorse: the fungi

## **Inspired by nature**

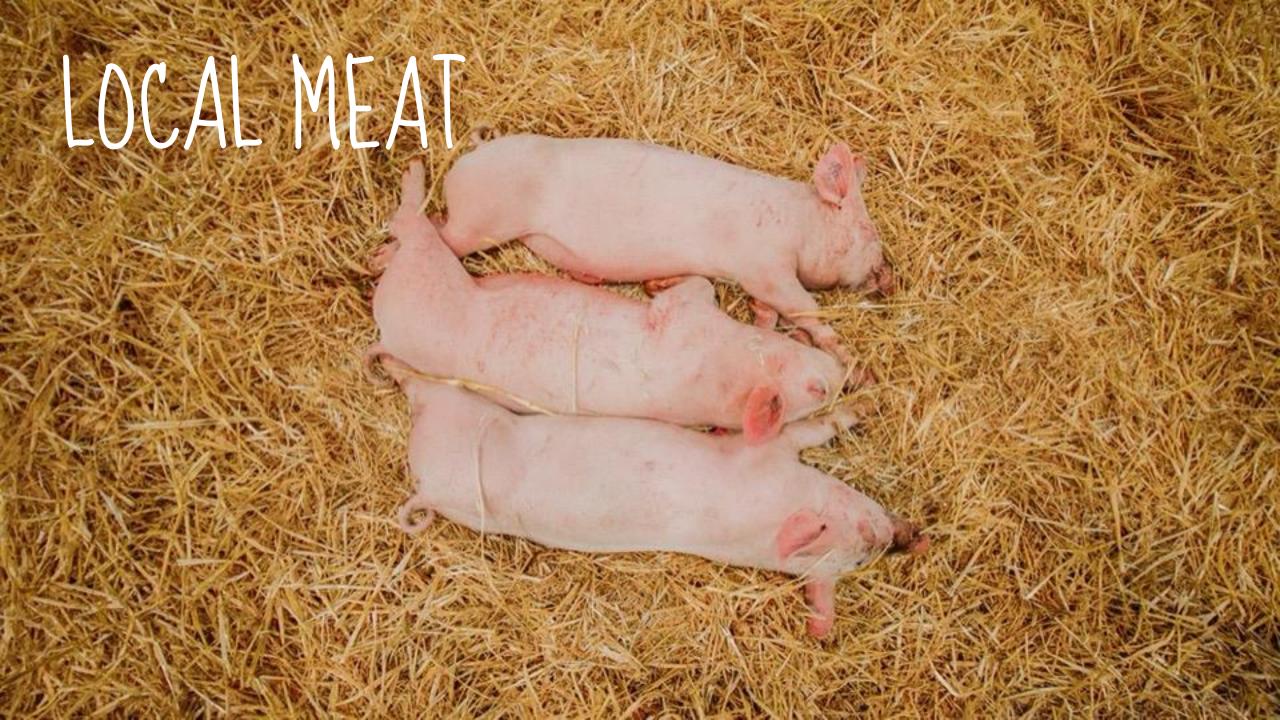
- Fungi are most potent degraders of plant cell walls
- Fungi produce enzymes that enable break down of hemicelluloses, celluloses, and even lignin
- Enzymatic potential depends on fungal strain
- Enzymatic activity is determined by conditions





# **Short Chains**





# PARTNER with start-ups







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By 2030, we will reach over 2 billion

people with sustainable nutrition

### Sustainable Nutrition:

The ability to provide positive and balanced nutrition solutions that help maintain good health, while protecting people and the planet.



# Our **Beyond the Horizon** Sustainability Strategy

Innovation Enabling Sustainable Nutrition for more than 2 billion people











Co-create
Sustainable Solutions

RD&A Investment for the Future

Sustainable by Design

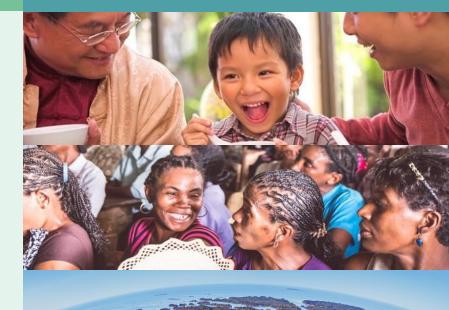
**Nutrition & Health** 

Social & Community

Climate Action

Circular Economy

Responsible Sourcing





# Beyond the Horizon Our Commitments



Better for People

Reaching over **two billion people** with **sustainable nutrition** solutions by 2030



#### 1billion+

We currently reach over one billion consumers with positive and balanced nutrition solutions.



Better for Society

Upholding our values and internationally recognised human rights

Ensuring a safe and healthy workplace

Achieving the highest levels of **diversity**, **inclusion**, **belonging** and **engagement**  Engaging in community partnerships that deliver impact

Making the science of healthier food accessible through Kerry Health and Nutrition Institute

Better for Planet

## Climate Action

#### **Scope 1 & 2**

Adopting a Science Based Target for a **55% carbon reduction** by 2030 and achieving **net zero** before 2050

# 100% Renewable Electricity

within 12 months

## Scope 3

Working with suppliers to reduce emissions intensity by 30% across our supply chain

## **Water Intensity**

Achieving a **15% reduction** in water intensity by 2025

#### **Circular Economy**

-50%

Cutting our **food** waste by 2030

100%

of our plastic will be reusable, recyclable or compostable by 2025

Zero

Waste to Landfill by 2025

-25%

Achieving 25% reduction in virgin plastic use by 2025

# Responsible Sourcing

100%

of priority raw materials **are** responsibly sourced by 2030

© Kerry 2022 | 61

## **Our Impact**

Creating A World of Sustainable Nutrition to Reach 2 billion people by 2030

Enabling our Customers Move Along The Sustainable Nutrition Spectrum



# What does "lower Carbon and Net Zero" mean for innovation and sustainable growth for the industry?

- The race to lower carbon solutions is fuelled by leading Food & Beverages industry commitments to net zero carbon climate goals
- Leading Food & Beverage companies are asking their suppliers to disclose and then improve their scope 3 carbon footprint
- Carbon footprint also needs to be quantified at product level
- Kerry already has an interesting portfolio of lower carbon solutions for customers
- We are actively co-creating solutions with customers to reduce their carbon footprint, by leveraging Kerry existing portfolio of lower carbon products and technologies.
- We are also investing in innovation and M&A, identifying developing and investing in low-carbon, leading-edge, emerging technologies and companies.

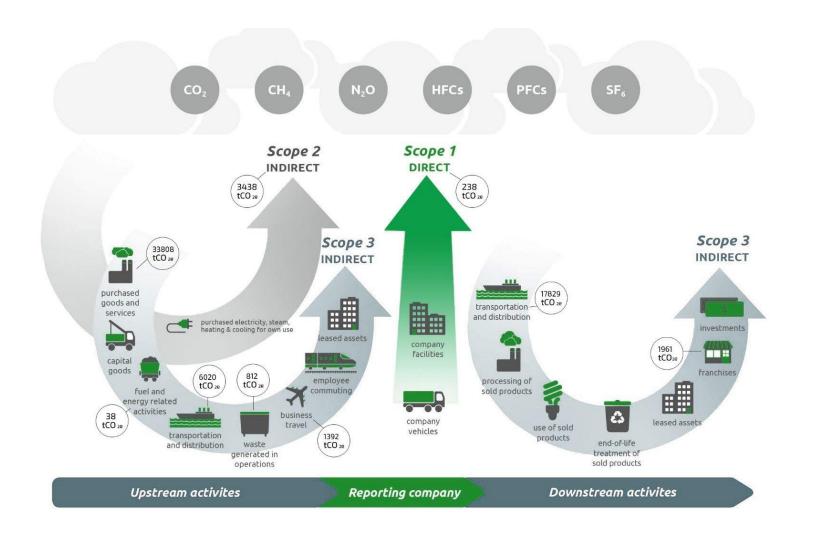


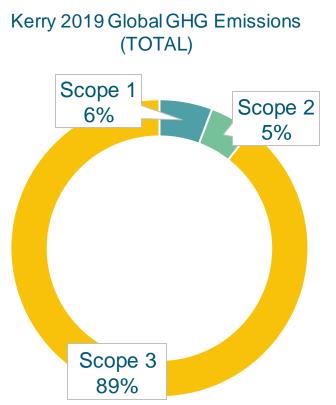


# Our Carbon Emissions Targets

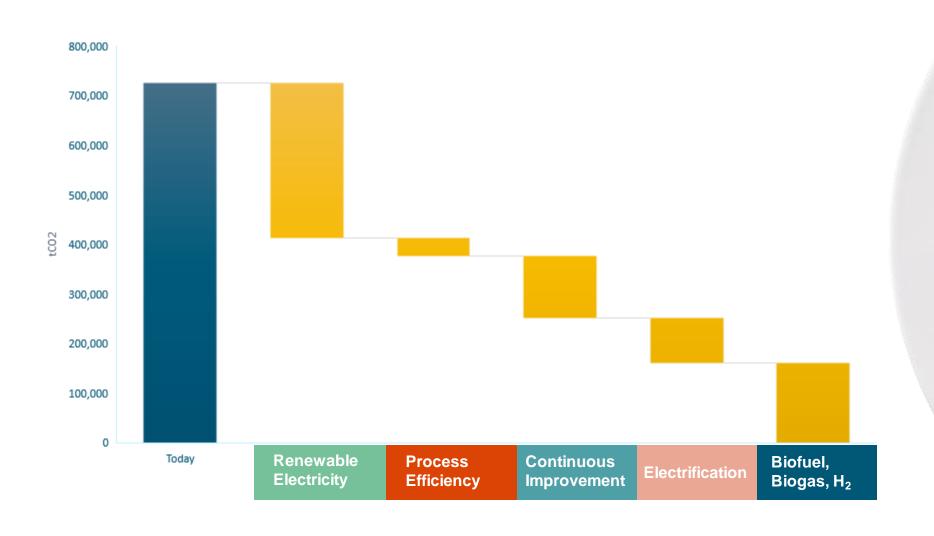
Reduce scope 1 & 2 absolute GHG emissions by 55% by 2030 from a 2017 base year.

Reduce scope 3 GHG emissions 30% per tonne of finished product by 2030 from a 2017 base year.





# Carbon Scope 1 & 2 - Abatement Roadmap

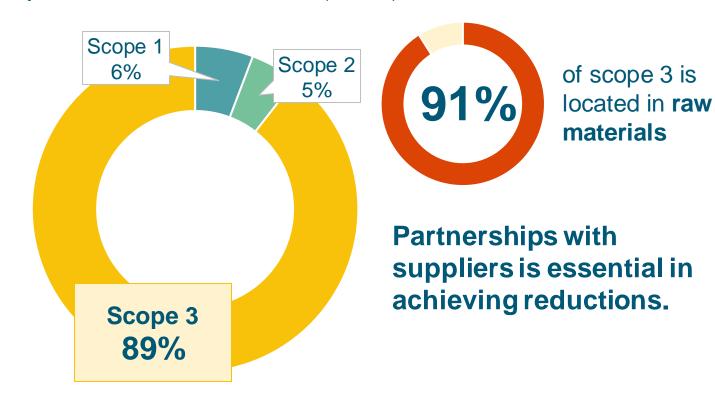




# Carbon Scope 3 – Target Overview

- Reduce scope 3 GHG emissions 30% per ton of finished product by 2030 from a 2017 base year
- SBTi Net Zero (submission and approval to new standard 2022-2023)

Kerry 2019 Global GHG Emissions (TOTAL)



# Kerry's 10 Key Priority Raw Materials

These were identified based on their materiality to our business and the associated environmental and social risk they pose.

- **GOAL**: 100% of our priority raw materials will be responsibly sourced by 2030
- Responsible sourcing is **different** for **each priority raw material**, due to **different challenges** in each category
- Work closely with our suppliers to increase the traceability of our supply chains
- Verification and Certification

#### **Palmoil (2025)**

- Deforestation and Conversion
- Human Rights
- Carbon

#### Paper (2025)

- Deforestation and Conversion
- Carbon

#### Cocoa (2025)

- Deforestation and Conversion
- > Human Rights
- Carbon

#### Coffee (2025)

- Deforestation and Conversion
- Human Rights
- Carbon

#### Herbs & Spices (2025)

- Human Rights
- Farmer Livelihoods

#### **Plastic (2025)**

- Reduce virgin plastic by 25%
- ➤ 100% reusable, recyclable, compostable

#### **Soybean (2025)**

- Deforestation and Conversion
- Carbon
- Human Rights

#### **Dairy (2025)**

- Carbon
- Animal Welfare
- Deforestation

#### Eggs (2025 - 2030)

- Animal Welfare
- Deforestation and Conversion
- Carbon

#### Vanilla (2030)

- Farmer Livelihoods
- Human Rights

# Responsible Sourcing Pillars

# Supply Chain Risk Management

Processes are embedded to mitigate sustainability risks within our supply chains such as:

- Human rights
- Environmental
- Animal welfare
- Waste
- Water

**30%** reduction of **Scope 3 emissions** per tonne of finished product by 2030.

**100% renewable electricity** by 2022.

# Certification & Verification

- Working with our suppliers to increase the traceability of our priority raw materials to agricultural origin.
- Certification / verification of sources for priority raw materials.

### **Smallholder Projects**

Kerry owned smallholder
sourcing projects will be
developed in select supply chains
to enable impact at farm and/or
community level.



# Partnerships, Impact & Performance

**Environmental & Social Impact** 





**ESG Performance** 



SUSTAINABLE

DEVELOPMENT

**G**ALS



DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

SCIENCE BASED

TARGETS











# Deforestation & Conversion Free Policy

We have committed to **eliminating deforestation and conversion**\* across our global supply chains by 2025, for **direct sourced raw materials**.

We have identified 5 material categories that are potentially high risk for driving agricultural related deforestation.



Further detail can be found in our corporate <u>Deforestation and Conversion Free Policy</u>

# Smallholder Sourcing Projects (SSP)

These projects can be designed to have either an environmental impact or a social impact, these issues are closely interlinked so progress in one is also beneficial for the other.

## **Environmental Impact**

- Biodiversity
- Water
- Carbon reduction
- Deforestation
- Fertilizers
- Soils
- Good agricultural practices

## **Social Impact**

- Education
- Child labour
- Woman empowerment
- Worker health & safety
- Labour rights & conditions
- Healthcare access
- Nutrition & health
- Infrastructure
- Living wage

Feasibility Study 3-6 months Local
Implementation
Select the right
partner

Objective and Goals
Quantify and Measure

Patience and Results

# **Smallholder Sourcing Projects**



TSARA KALITO
VANILLA
2014



DAIRY 2022 / 2023



ILHAM PALM OIL 2018



COCOA 2023



FEMENINO COFFEE 2019



FRUIT 2024



HERBS & SPICE (SSI)
2021 / 2022



VEGETABLES 2025



# Café Femenino Program

Guatemala Mexico Nicaragua

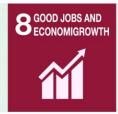
#### UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS



End poverty in all its forms everywhere



Achieve gender equality and empower all women and girls



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

Bolivia Brazil Colombia Peru



Rwanda

4000+ MEMBERS

Sumatra

**178 WOMEN** IN LEADERSHIP ROLES

#### **GENDER BIAS IN COFFEE PRODUCTION**

80% Women undertake circa 80% of coffee farmork, yet do not participate equally in:

Income generation

**Decision-making** 



Leadership



GENDER IN THE PRODUCTION SIDE OF THE COFFEE VALUE CHAIN

FIELDWORK	HARVEST	PROCESS	TRANSPORT	
LABORING	PICKING	SORTING	TRANSPORTING	SELLING
WOMEN	WOMEN	WOMEN	MEN	MEN

Source: scaa.org/sustainability

In 2002, a group of women farmers in Peru decided to change this dynamic.

#### **EMPOWERING WOMEN**

The Café Femenino coffee program builds value for women coffee farmers through:



Direct payments



Payment premiums for women was a catalyst for

178 women promoted to leadership roles in executive coffee co-op boards



Securing ownership rights to the land they farm for all women

#### **IMPROVING COMMUNITY LIVELIHOODS**



Around 1150 farmers' children are part of our education program developed in partnership with local agencies:

Educational opportunities for their children

**Building** libraries and schools

Fighting malnutrition

Improving health education

Replacing stoves that lead to smoke inhalation with safer, more modern designs

Providing micro-loan funds for microenterprises led by women





**KERRY** IS CAFÉ FEMENINO'S EXCLUSIVE EXTRACTION PARTNER AND A PRIMARY SPONSOR OF THE FOUNDATION

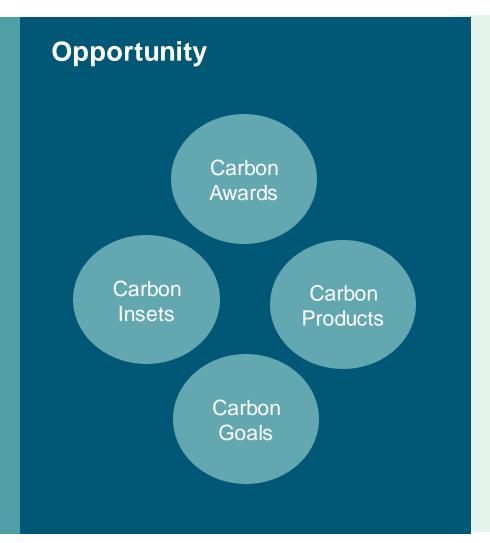




# Kerry leading the race to lower carbon dairy in Ireland

## Context

- The Dairy industry globally has the 2nd largest carbon footprint of the agri-food system
- Consumers are demanding lower-carbon dairy products or swepping to plant-based
- The Irish dairy industry has one of the lowest relative carbon footprint per litre of milk equivalent
- The Irish government has announced goals to reach net zero in Dairy by 2050
- Kerry has already started developing lowercarbon dairy products and solutions
- Kerry will develop carbon insets projects and services with the dairy value chain towards net zero dairy products



# **Added Value & Impact**

Carbon Avoidance & Reduction

Kerry partnership program with Farmers and customers co-creation dairy model is focusing efforts on making products better for end consumers, for supply chain partners, and better for the environment

# Innovating taste for a better life & planet

# **Customer Opportunity**

Consumers are increasingly conscious of sustainability and health

87%

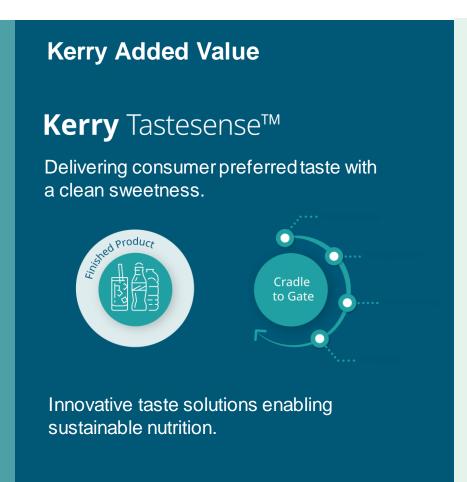
of consumers are trying to reduce consumption or consume sugar in moderation

44%

increase in Low/no/reduced sugar launches in beverages since 2015

62%

of customers and consumers want companies to take a position on sustainability



## **Impact**

Creating a world of sustainable nutrition



Sugar reduction



Calorie reduction



CO<sub>2</sub> emissions reduction



Water use reduction



Improving the Nutri-Score of products



Supporting nutritional and sustainability goals



Improving your brand image by fulfilling consumers expectations.

# Innovating Smoke for a better life & planet



## **Customer Opportunity**



#### **Challenge of Conventional smoking**

Large water usage footprint

High levels of emissions

Ash, Charcoal, and Tar Cleanup and Disposal

Higher levels of PAH's on Food

Limited application techniques

**Conventional Wood Smoking not a sustainable** solution for the world's future

## **Kerry Added Value**

#### **Responsible Sourcing**

- 100% circularity using timber by-products as a raw material input
- Raw materials come from sustainability managed sources

#### **Manufacturing Process:**

Wood, Heat, Water and removal of harmful by-products (tar, ash) which get re-used as energy source



#### A technology that benefits the environment and has social impact

Reduction of CO<sub>2</sub> Emissions

Reduction in Water

Protection of resources: reduced need for wood

Reduction of Energy Usage

Heathier foods for the consumer, no toxic substances (e.g. PAH4, 3-MCPD)

Reduced need for cleaning detergents

Improved and safe working conditions for employees, no explosive hazards

## **Impact**

**Creating a World of Sustainable Nutrition** 

#### Manufacturer / Processors Get







Cost Savings **Process** 

Greater Efficiencies Throughput

Preserve **Traditions** 

Real sustainability improvements

#### Consumer benefits









Great Tasting. Healthier

products

Consistent. **Attractive** Color

Less water waste

Lower carbon emissions

Better for you & the environment



# Accelerating growth with a Plant-Protein challenger brand

#### **Consumer Needs**

- Great Taste
- Recognize ingredients
- Healthier (Salt & Fat)
- Care for Environment
- Transparency
- Trust Message
- Convenient, affordable

## **Customer Challenges**

- Product enhancement
- Healthier formulations
- Not compromising on taste and texture
- Clean label
- Shelf-life extension
- Waste reduction
- Environment impact



## **Impact**

#### **Better Nutrition**

**87%** Reduction saturated fat

- Improved taste and texture
- Clean label solutions

#### **Better Value**

- Brand perception
- Category growth
- · Market Share, Profit

#### **Better Planet**

**87%** Reduced carbon emissions

- · Reduced food waste
- Energy & water savings

Our plant protein portfolio and application expertise help to deliver a better product, that is better for the planet

# **Breaking Boundaries** in Traditional Brewing

### **Sustainable Innovation**

**Customer Need** 

New Range with Lower Environmental Footprint

Improved
Efficiencies & Yields

Regulatory Expertise

**Kerry Value Add** 

Brewing Ingredients & Application Expertise

Enzymes

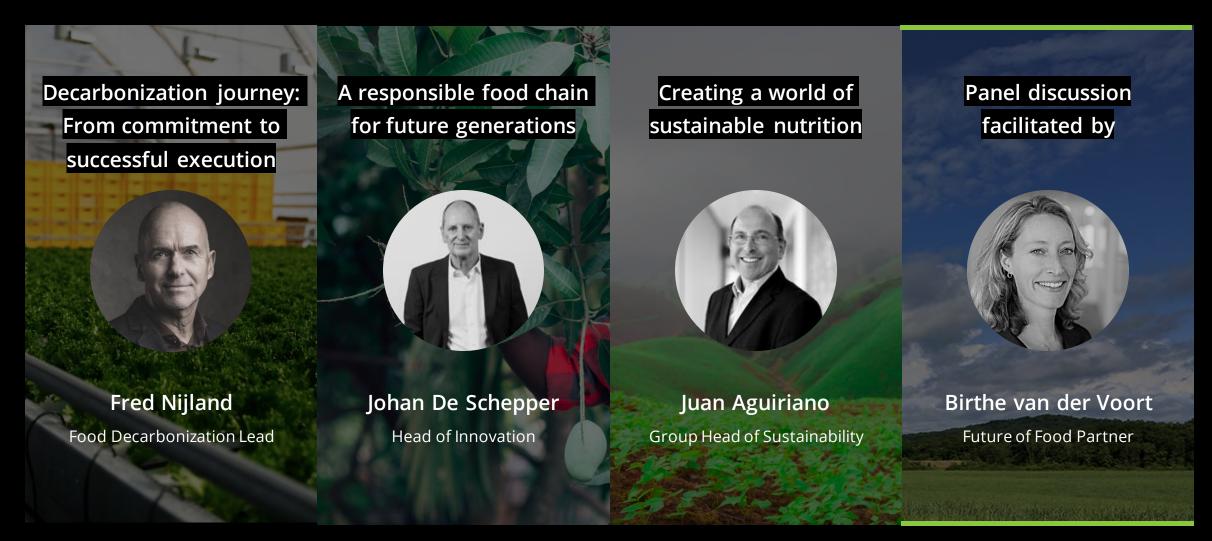
Process Technology Know-How Integrated Solution

Our enzymes, brewing ingredients and process expertise along with our alcoholic beverage application know-how help to deliver a better product and better process that is better for the planet





4:00PM - 4:20PM 4:20PM 4:20PM - 4:40PM 4:40PM 5:00PM 5:00PM - 5:30PM







# Panel Discussion

Let's have a discussion around decarbonization of the food system!

ORCHESTRATED BY

Deloitte.





Let's connect for impact!

Realizing a net zero, or carbon negative food system



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