Developing /updating your sustainability strategy

'Knowledge Still' workshop

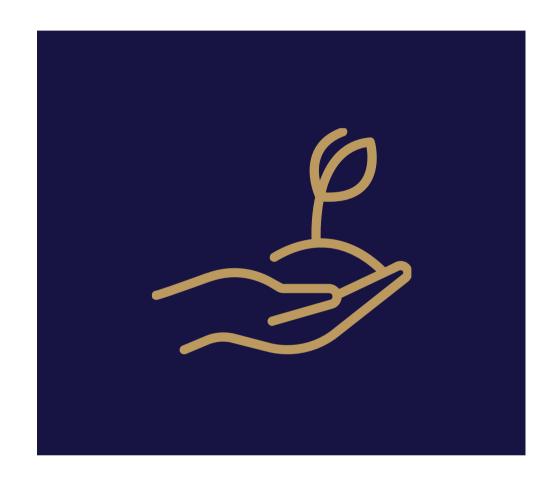
07 October 2021



Recording







We are recording this workshop so that it can be shared with members of the Irish Whiskey Association who cannot attend.



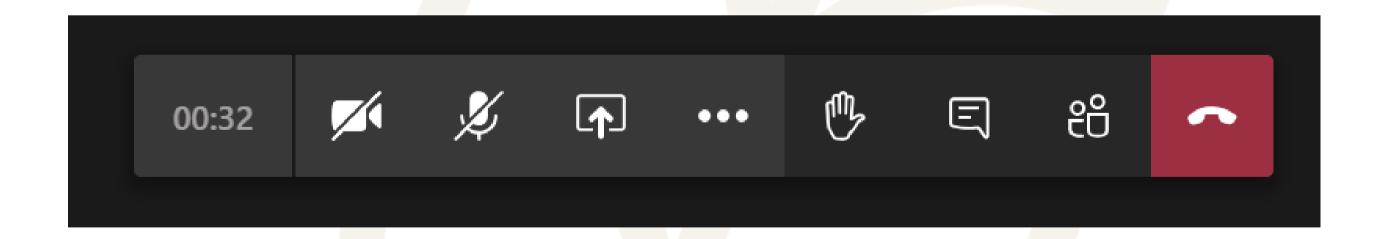
Workshop etiquette

Please turn off camera during meeting. Please mute microphone during meeting.

Please do not 'Take control' of PowerPoint slides on screen.

There will a Q&A session where questions can be asked at the end of the three presentations.

You can also use the chat bar function to ask a question. This can be done through out a presentation and we can come back to the question(s) at the start of the Q&A.





Speakers

- Karen Deignan,
 Director /Co-Founder, Sustainabilityworks
- Martin Hofler,
 Sustainability Partnership & Development Manager, Origin Green
- Q&A to follow presentations
- Chaired by Michael Clancy,
 Chair, IWA Knowledge Committee



Martin Hofler

Sustainability partnership and Development Manager,
Origin Green

FYI:

Please use the chat bar to ask any questions you might have. You can do this through out this presentation and we will come back to your question(s) at the Q&A part of this session.



Global Food Sustainability Outlook 2021

Martin Hofler Sustainability & Partnership Manager

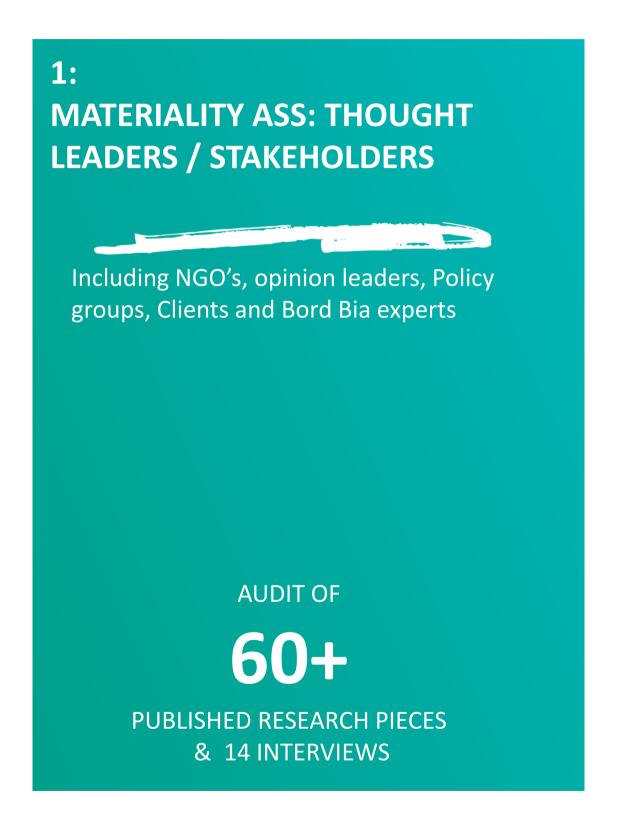
BORD BIA Thinking House

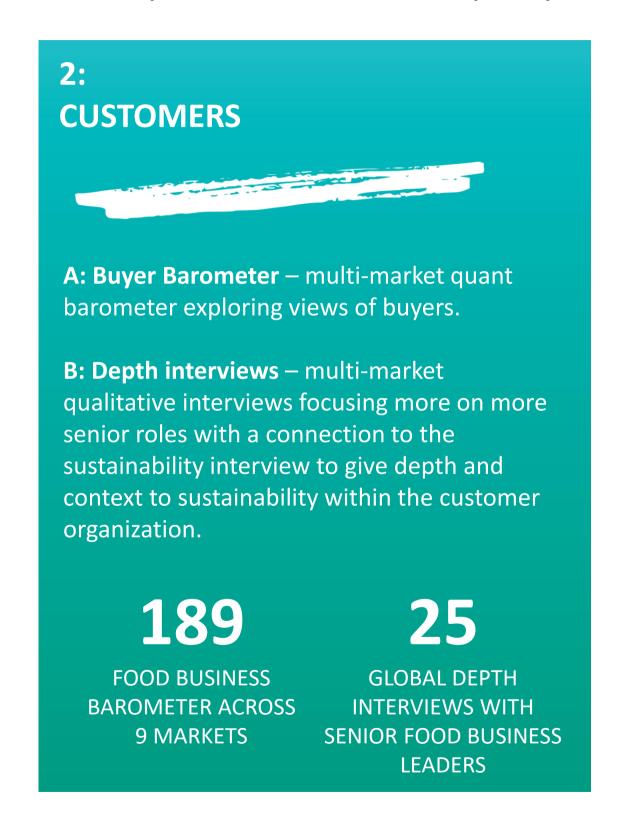


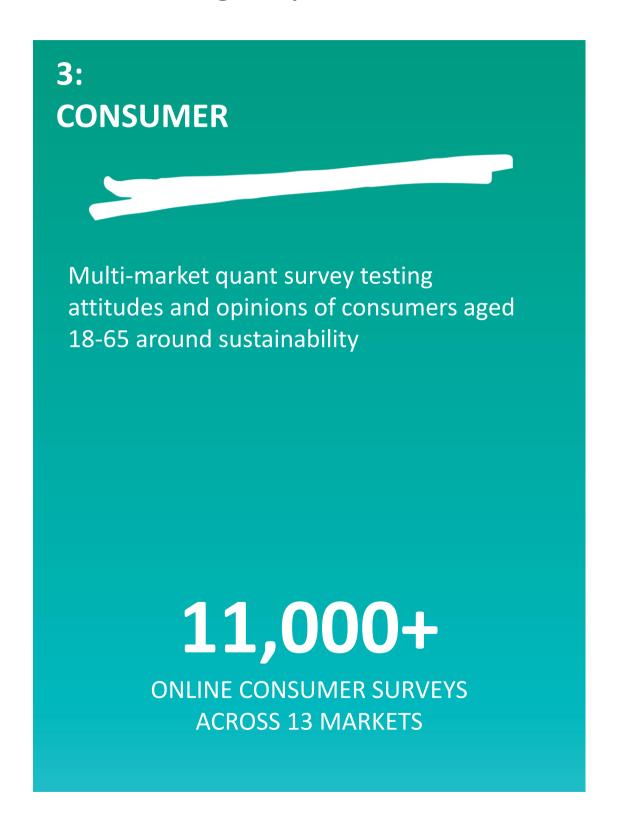


Context of research

The research set out to uncover the Sustainability Outlook from the perspective of three core groups:











The Key Topics of Sustainability

From an extensive audit of published research and perspectives on Food Sustainability we uncovered the Top 25 sustainability topics

The list is broad but not exhaustive – it captures the most commonly referenced items, all items are seen as important



- 1. Greenhouse gas emissions
- 2. Climate change adaptation
- 3. Energy and renewables
- 4. Water availability and quality
- 5. Biodiversity
- 6. Deforestation
- 7. Land usage

- 8. Food loss and food waste
- 9. Sustainable fisheries
- 10. Sustainable packaging
- 11. Organic farming and food production
- 12. Regenerative agriculture and soil health
- 13. Circular and Bio economy
- 14. Grass-fed



- 15. Animal health and welfare
- 16. Human health and nutrition
- 17. Food safety and quality
- 18. Product labelling and traceability
- 19. Alternative protein
- 20. Human and labour rights



- 21. Food security
- 22. Digital technology
- 23. Sustainable livelihoods and a 'just transition'
- 24. Market opportunity
- 25. Skills and training





The sustainability agenda is accelerating

Insight

The food and drink sustainability landscape is accelerating – and another tipping point is coming - more will be expected and demanded from customers and consumers.

75%

of consumers globally have made an effort to buy more sustainably-produced food and drink in the last 12 months.





The Food sustainability landscape:

Dynamic and accelerating

The sustainability agenda has accelerated over the past 5 years.

This is a forward moving spectrum – all respondents cite an acceleration which will continue over the coming years.

BEFORE

Pre 2015:
Sustainability siloed
& not integrated into
the business.

More academic than public focus

TIPPING PT.

2015-18: 'The Tip'
several factors – Global
agreements (Paris, UN
SDGs), popular influence
(Attenborough & Co.) have moved
sustainability to centre
stage within the
business and for
consumers.

NOW

Important, strategically critical pillar – integrating through the business. Multi-item programmes in development & expanding.

NEXT

Continued acceleration –
IPCC, COP26 / postCOVID bounce increased regulation &
consumer focus.
Partnerships & holistic
issues to the fore.
Overall, higher on buyer
agenda.





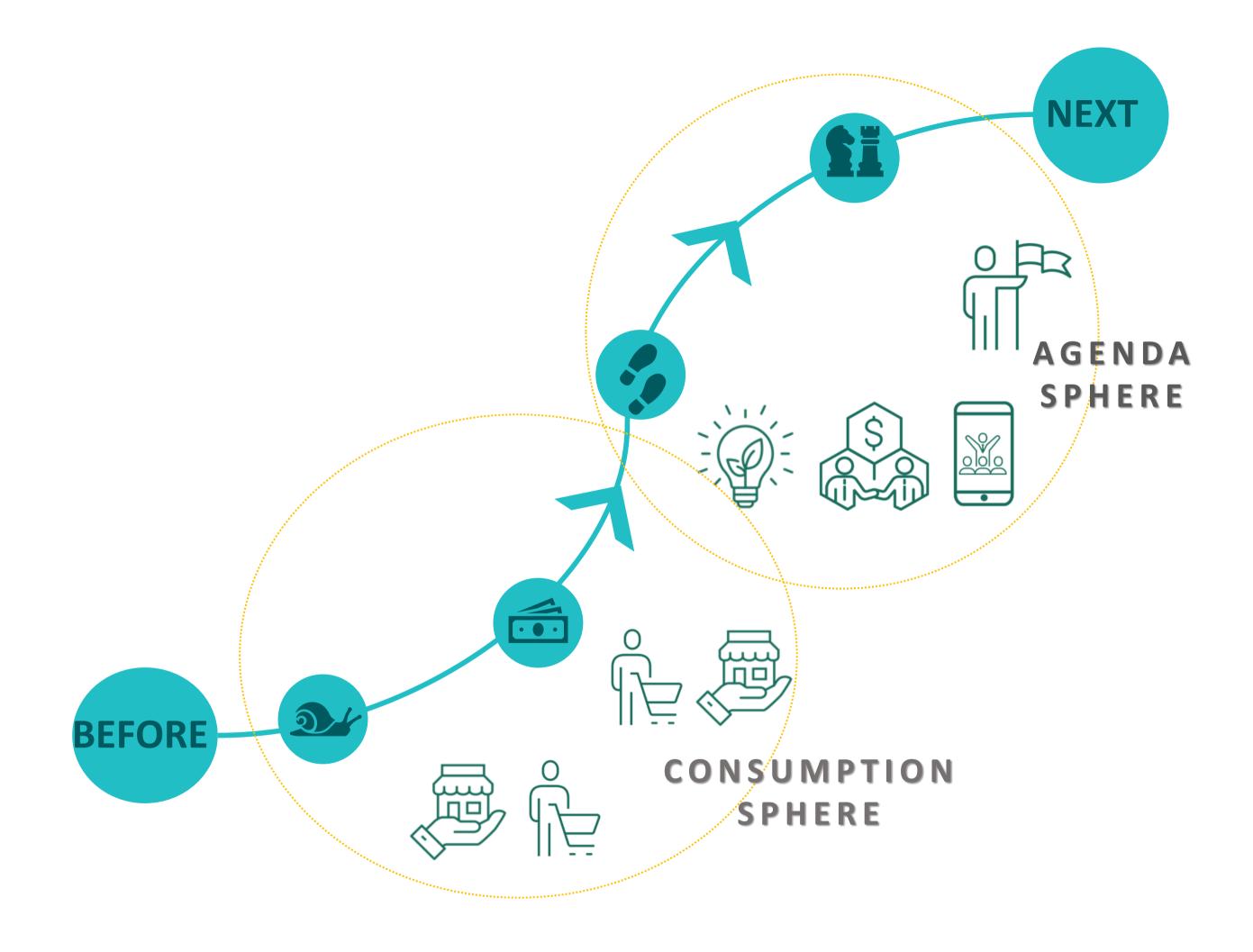
There are two clear "spheres of sustainability"

AGENDA SPHERE

Led by the agenda setters and includes sustainability leads – their view of the world is more holistic & complex covering multiple factors.

CONSUMPTION SPHERE

Principally around consumers and the buying functions within food businesses – their view is narrow, more immediate & simpler, covering fewer, more tangible and accessible factors





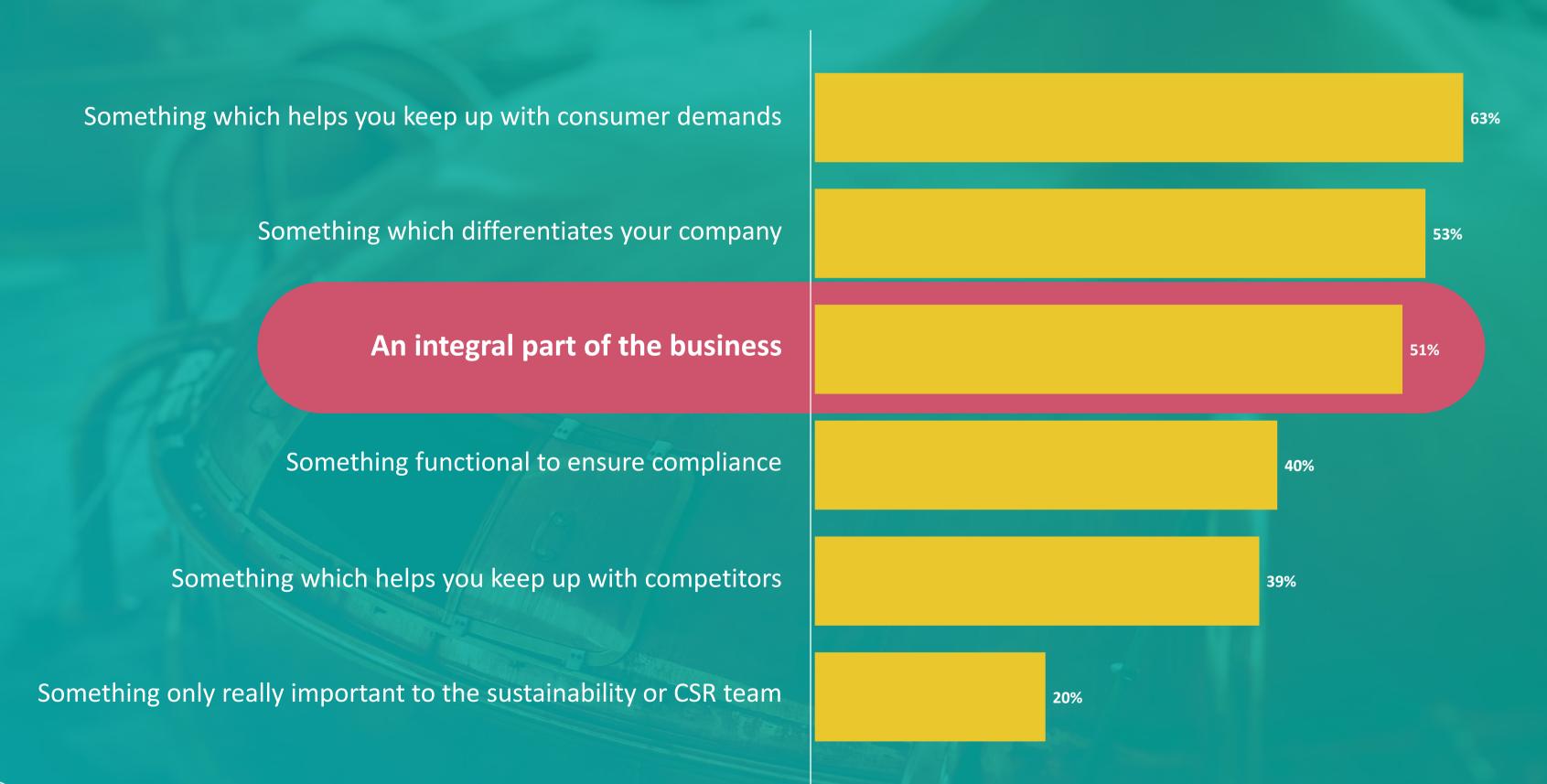


Buyers



















The supplier will help drive a better margin / offer better value or lower prices

The products supplied are produced in a sustainable / environmentally friendly manner

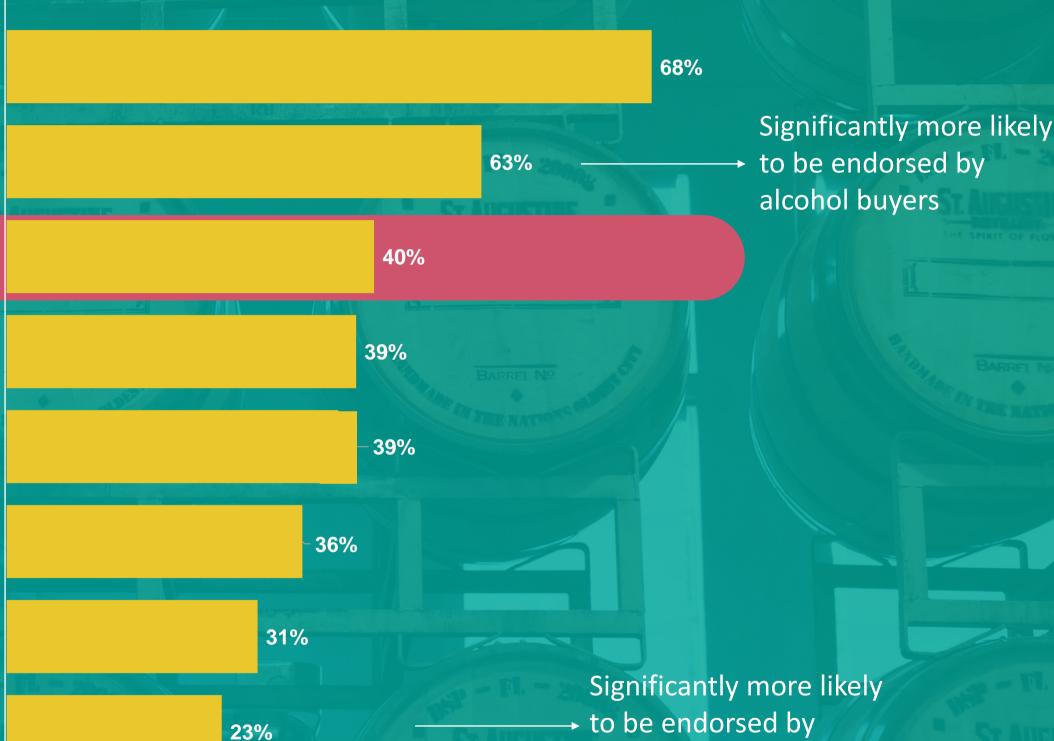
The supplier produces food to the highest safety standards

The products are fully traceable or are from a transparent verifiable supply chain

The products can offer consistency of supply and is trustworthy on delivery

The supplier can have products which are available at a short lead time

The supplier is from my local area / region or close to it



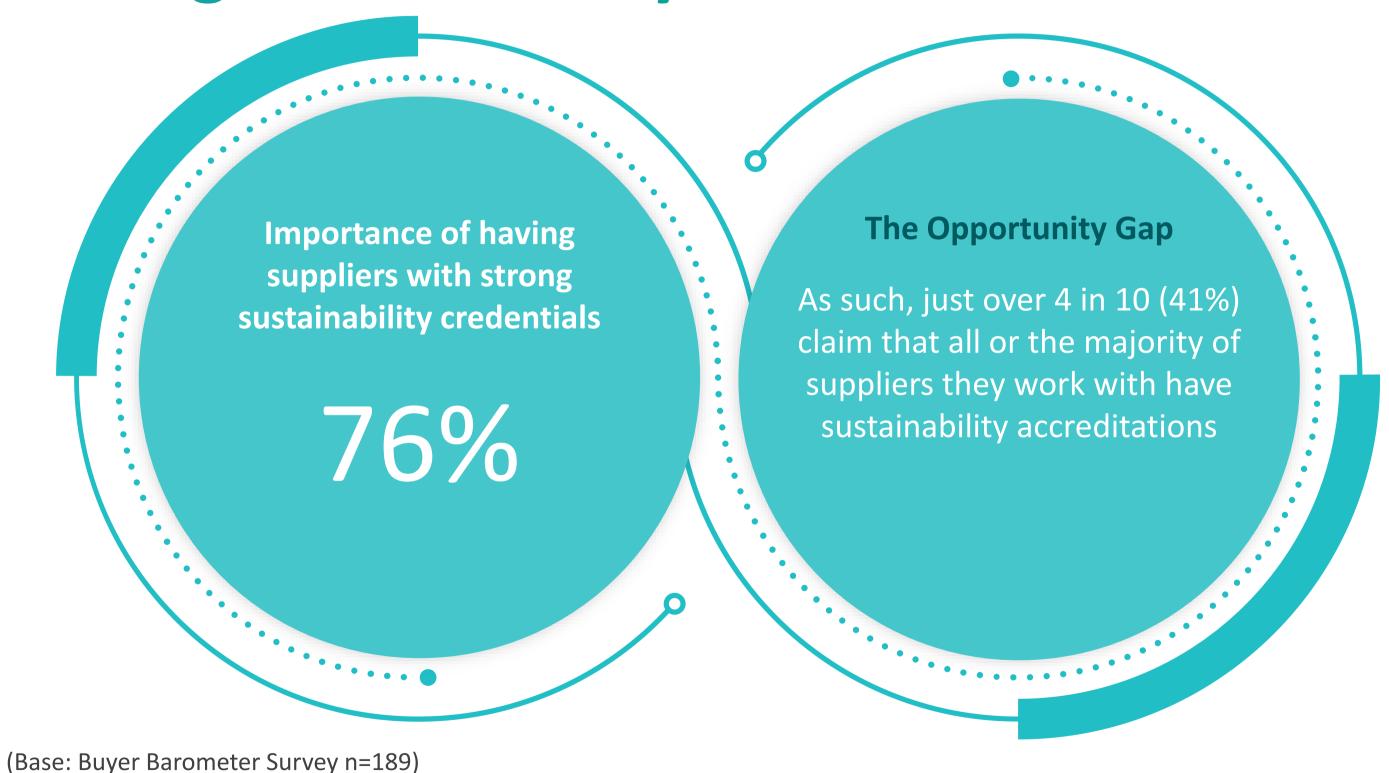


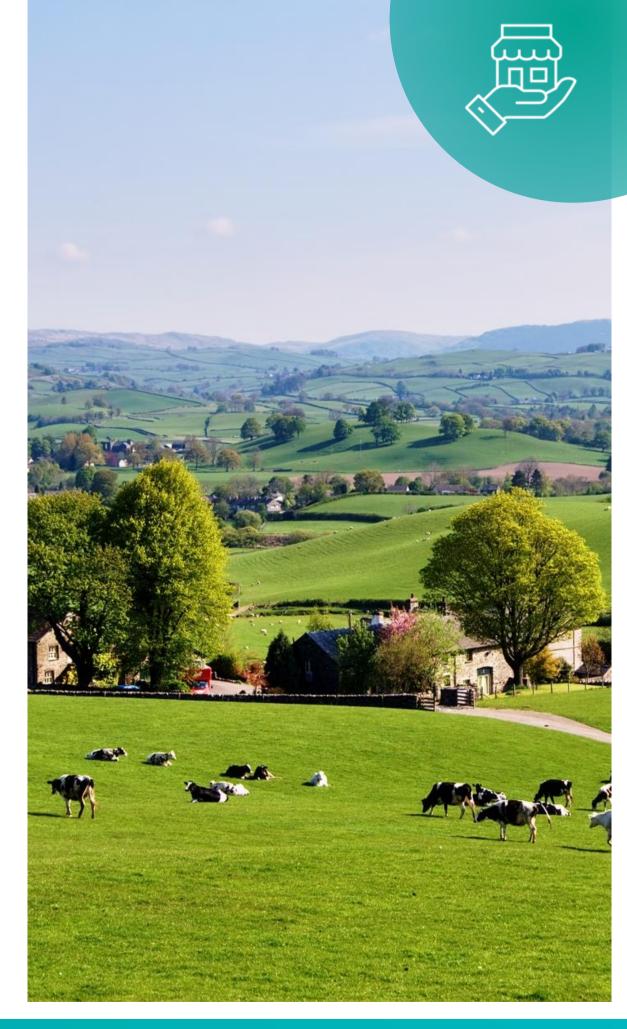
(Base: Lot 2 Barometer Survey n=189)



alcohol buyers

Majority want alcohol suppliers with strong sustainability credentials









Consumers



Consumers expect producers to step up



Insight

Consumers want to make more sustainable choices in the future and expect food producers to help them do that.

61%

Say it will become more important to them to buy more sustainably-produced products in the next 3 years.





The Critical Sustainability Drive

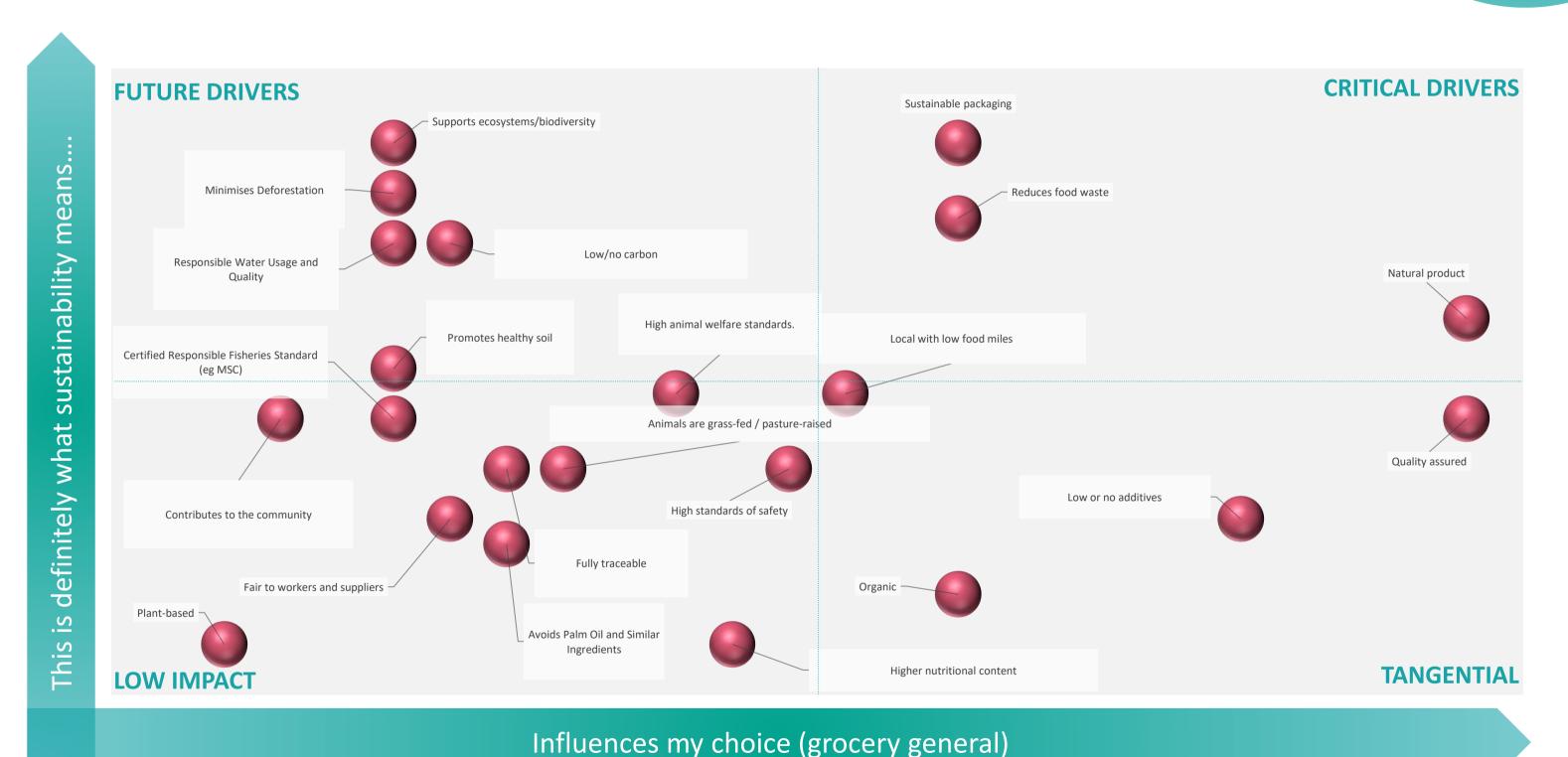




Those sustainability attributes that are both linked closely to sustainability and influences grocery choice are sustainable packaging, food waste, naturalness and quality assured.

Communicating strongly in these spaces can be powerful with all consumers.

(Base: All Consumers 18-65, n=11,670

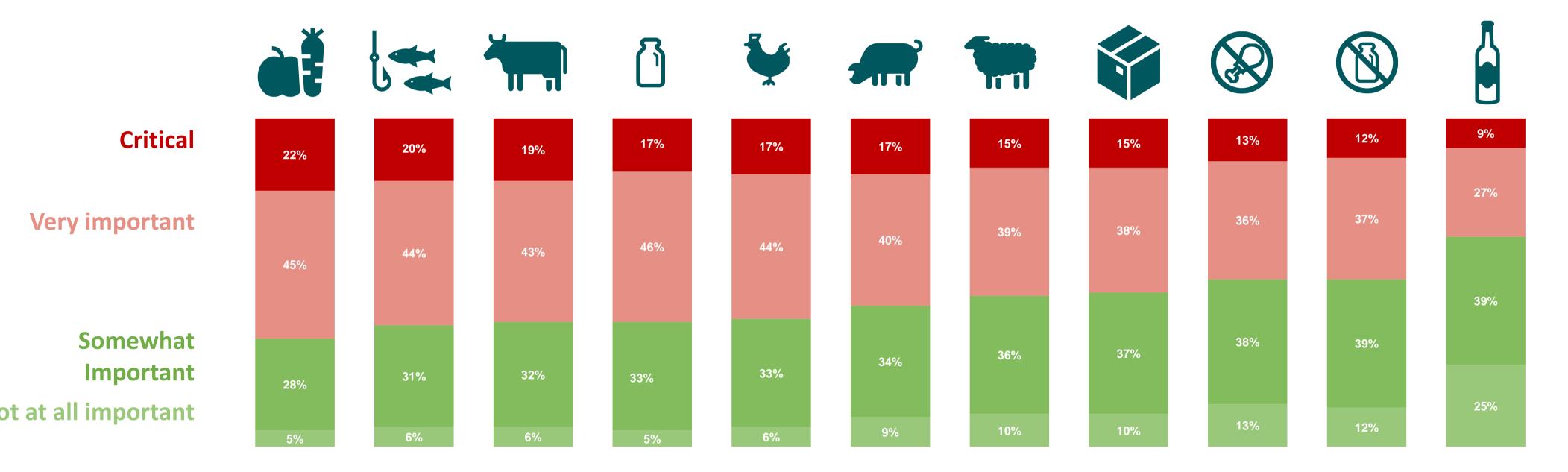






Shoppers struggle connecting sustainability to alcohol sector compared to other categories

Base: All Household Grocery Shoppers; n=11,167)





Alcohol: Prioritisation (US & Poland)

(Base: All Alcohol Consumers, n=870)







This map shows 3 dimensions:

The horizontal axis is based on the overall appeal of this sustainability measure in this sector, the vertical axis shows the extent to which people would be willing to pay more for this benefit.

The third dimension; the bubble size is based on whether it makes it into their "top 3" most appealing sustainability measures.



Takeaways

Sustainability is of growing importance for both consumers and buyers.

Alcohol buyers are seeking suppliers with sustainability credentials

Consumers top alcohol sustainability priorities are:

- 1. Quality assurance
- 2. Low or no additive
- 3. Naturally produced
- 4. Product packaging
- 5. High standards of safety
- 6. Responsible water usage





Insights

Global Sustainability Insights

Global Sustainability Insights

https://www.bordbia.ie/global-sustainability-insights/



Global Food Sustainability Outlook 2021

Martin Hofler

Sustainability & Partnership Manager

BORD BIA Thinking House





Karen Deignan

Director and Co-Founder, Sustainabilityworks

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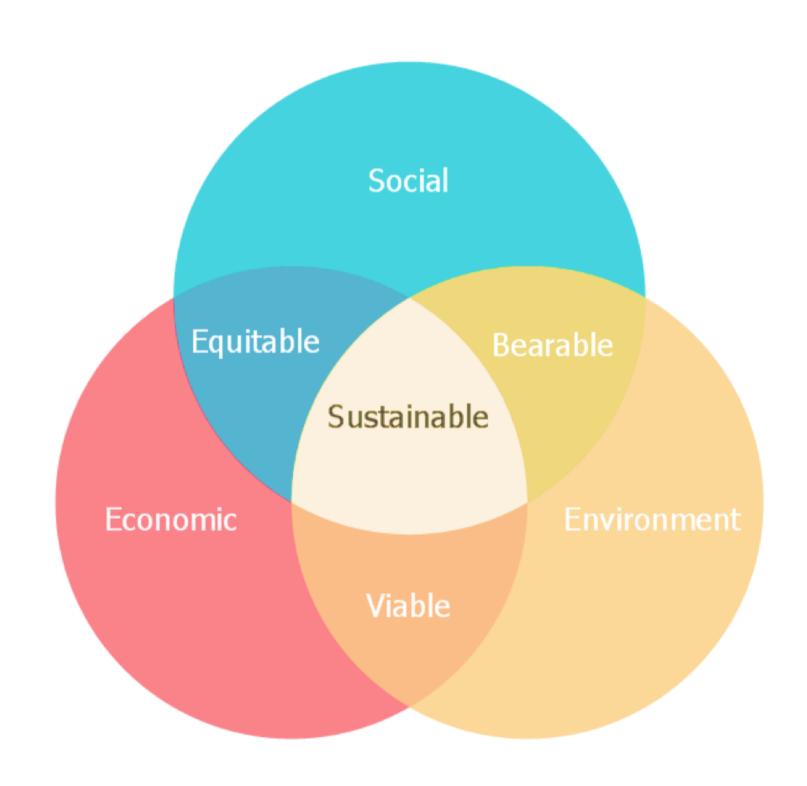
What I'll cover

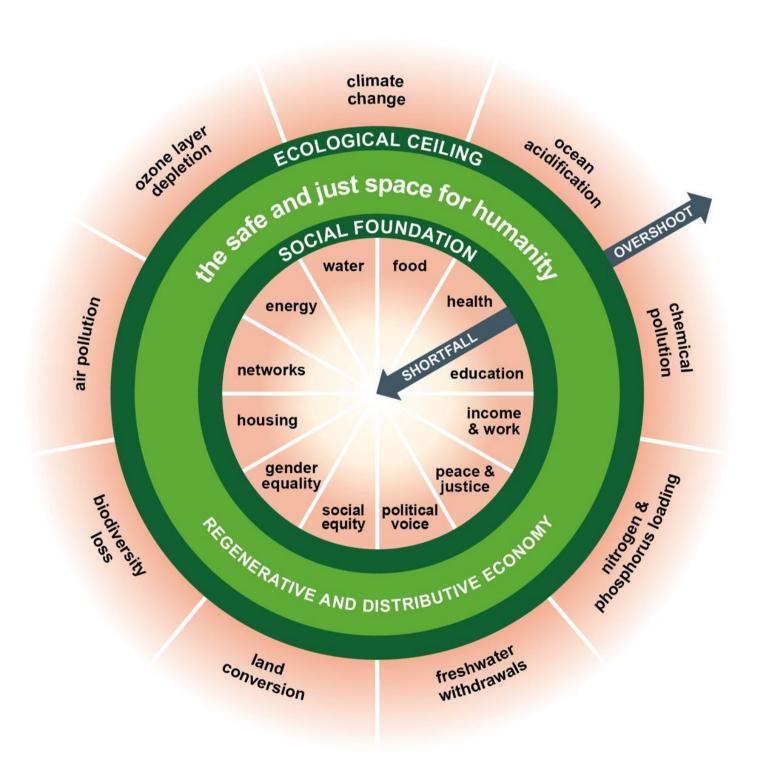
- Who and what is driving the sustainability agenda?
- Developing your sustainability plan: key steps
- Some inspiration

Who and what is driving the agenda?

SustainabilityWorks.

What do we mean by sustainability?





SUSTAINABLE GEALS





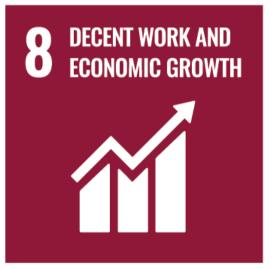
































Driver: scientific consensus meeting lived reality

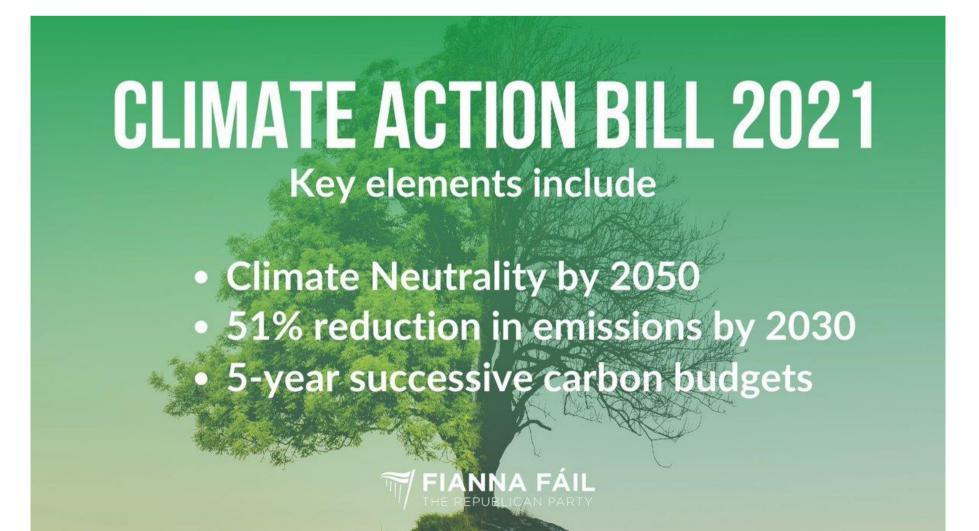




SustainabilityWorks.

Driver: global, EU and national policy



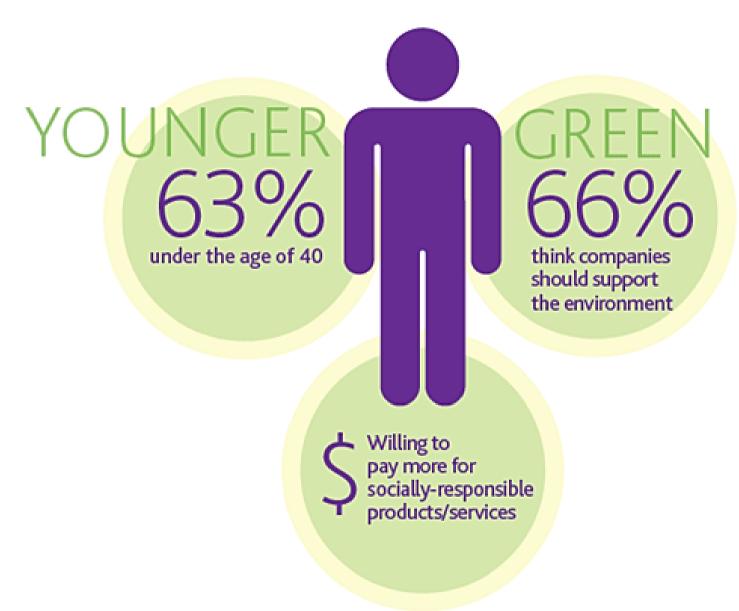




Driver: retail customers and consumers







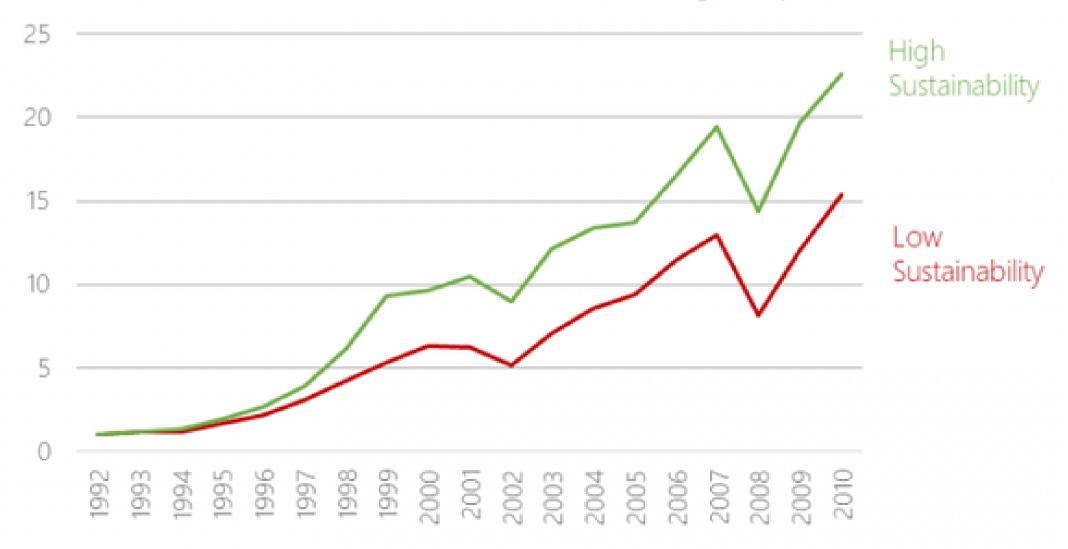
nielsen

Driver: investors and banks

ESG & Market Performance

Stocks of sustainable companies tend to significantly outperform their less sustainable counterparts

Evolution of \$1 invested in the stock market in value-weighted portfolios



BlackRock rebukes Siemens on its environmental record

Firms ignoring climate crisis will go bankrupt, says Mark Carney

Driver: employees



Developing your sustainability plan

SustainabilityWorks.

Taking a structured approach





BASELINE audit of current practices









Step 1





BASELINE audit of current practices

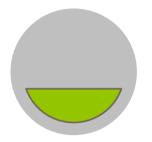








The universe of sustainability issues



Environment

Carbon emissions

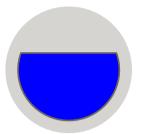
Energy

Water

Waste

Raw materials

Biodiversity



Social

Human rights

Labour rights

Health and safety

Diversity & Inclusion

Skills & talent

Ethical sourcing/trading

Community engagement

Data protection

Access & affordability

Responsible marketing



Economic

Livelihoods & employment

Legal compliance

Business ethics

Reporting

Tax transparency

Relevant for whiskey companies



Environment

Ingredients sourcing (provenance, sustainability certifications, sustainable ag)

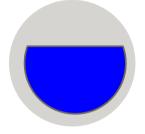
Energy / carbon (Process, premises, transport, procurement)

Water

Packaging

Waste (circular economy)

Biodiversity (forestry)



Social

Human & labour rights in the supply chain (ethical/responsible sourcing)

Employee health, safety and wellbeing

Diversity & Inclusion

Attracting and retaining talent (links to purpose piece)

Community engagement

Data protection

Responsible marketing

Responsible drinking



Economic

Livelihoods & employment Legal compliance Business ethics

Top priorities for whiskey companies



Environment

Ingredients sourcing

(provenance, sustainability certifications, sustainable ag)

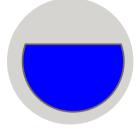
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Employee health, safety and wellbeing

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Data protection

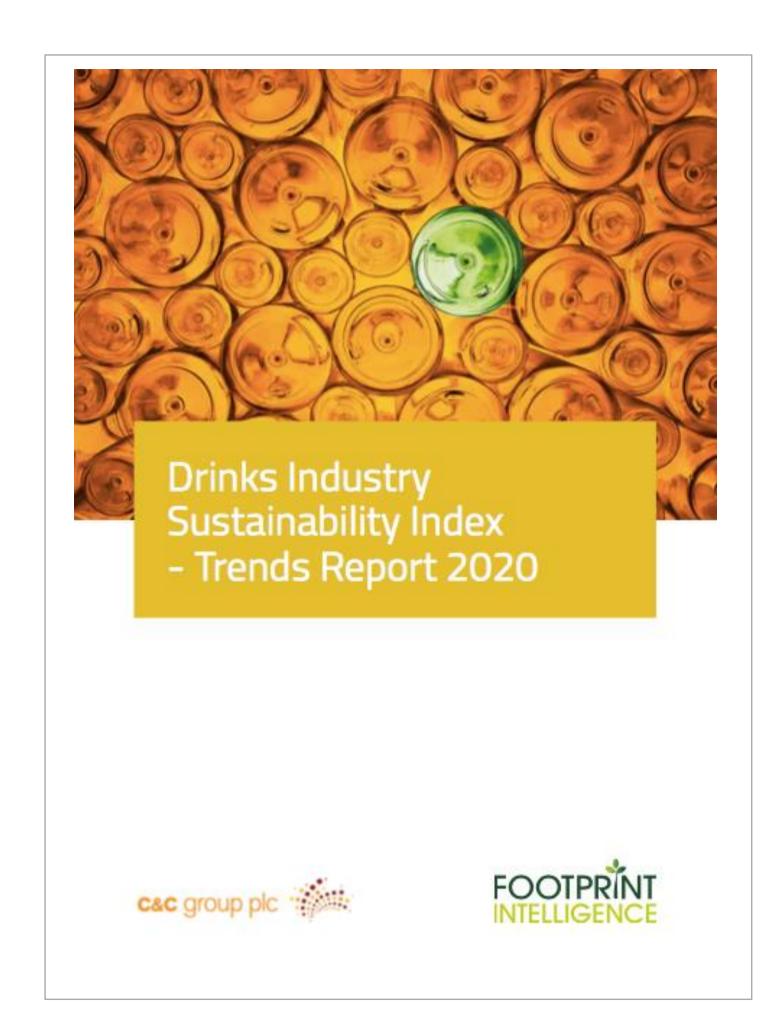
Responsible marketing

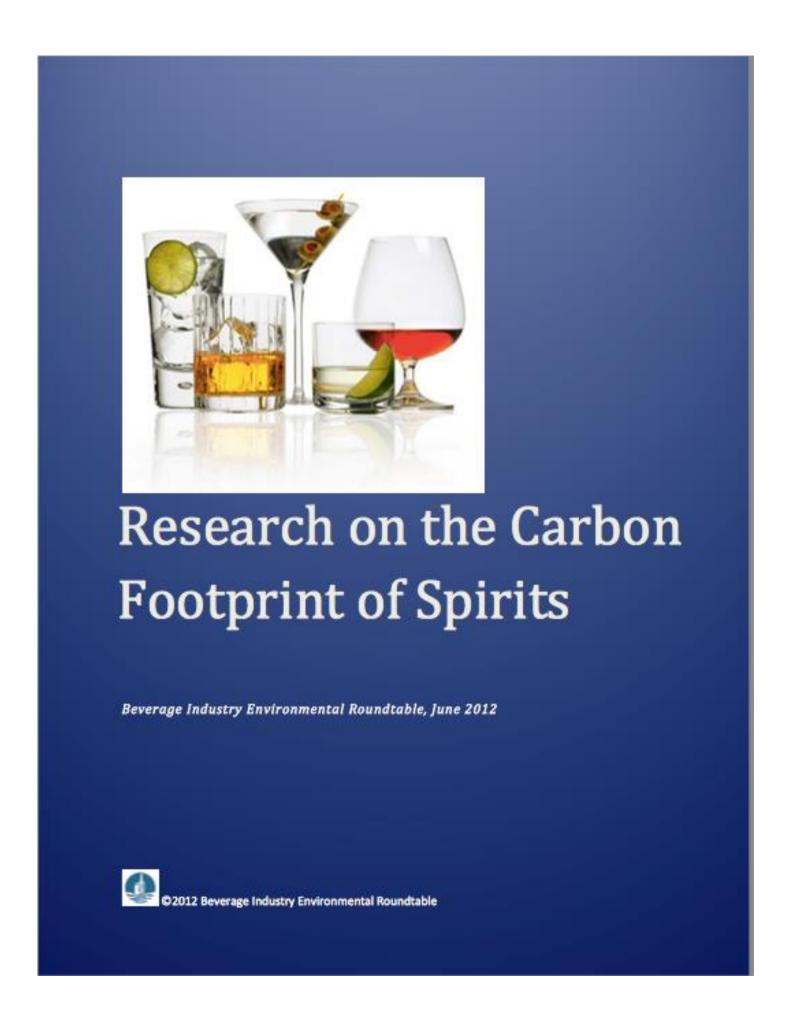
Responsible drinking



Economic

Livelihoods & employment Legal compliance Business ethics





Step 2













BASELIN		
Issue / Impac t	Info source	Baseline
Energy	Energy bill – capture kwh and € Site walk around – note major energy users/equipment Energy audit – check eligibility for free audit from SEAI	
Raw ingred ients	Note all ingredients used Note volumes purchased Note where sourced from Note any relevant sustainability credentials	SustainabilityWo

Example of Waste Stream Audit and Action Plan

WASTE STREAM	WHERE AND WHY IS IT GENERATED	VOLUMES & COST	HOW IS IT MANAGED AND DISPOSED	ACTION TO BE TAKEN TO REDUCE THIS WASTE STREAM	TARGET DATE
GLASS					
ORGANIC					
WATER					
CARDBOARD					
PLASTIC					
OFFICE WASTE					
OTHER WASTE					
PREPARED BY:				DATE:	

Useful resources: zero waste Scotland

Worksheet 1 - Electricity Meter Reading Data

Use the table below to record your energy consumption data:

Step 1. Enter the date you took your meter reading in Column D.

Step 2. Enter the meter reading in Column F.

Step 3. To record your energy consumption against a KPI, enter the data for your chosen KPI e.g. Number of employees in column H.

Step 1		Step 2		Step 3	
Date (DD/MM/YY)	Previous Meter Reading (kWh)	Meter Reading (kWh)	Daily Electricity Use (kWh)	KPI	Usage/KPI
	N/A		N/A		N/A
	0				
	0				
	0				
	0				
	0				
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Download from

https://energy.zerowastescotland.or g.uk/measure-energy-use

Video guide

https://vimeo.com/176452636

Conversion factors

https://www.seai.ie/dataand-insights/seaistatistics/conversionfactors/

SustainabilityWorks.

Step 3













Key principles

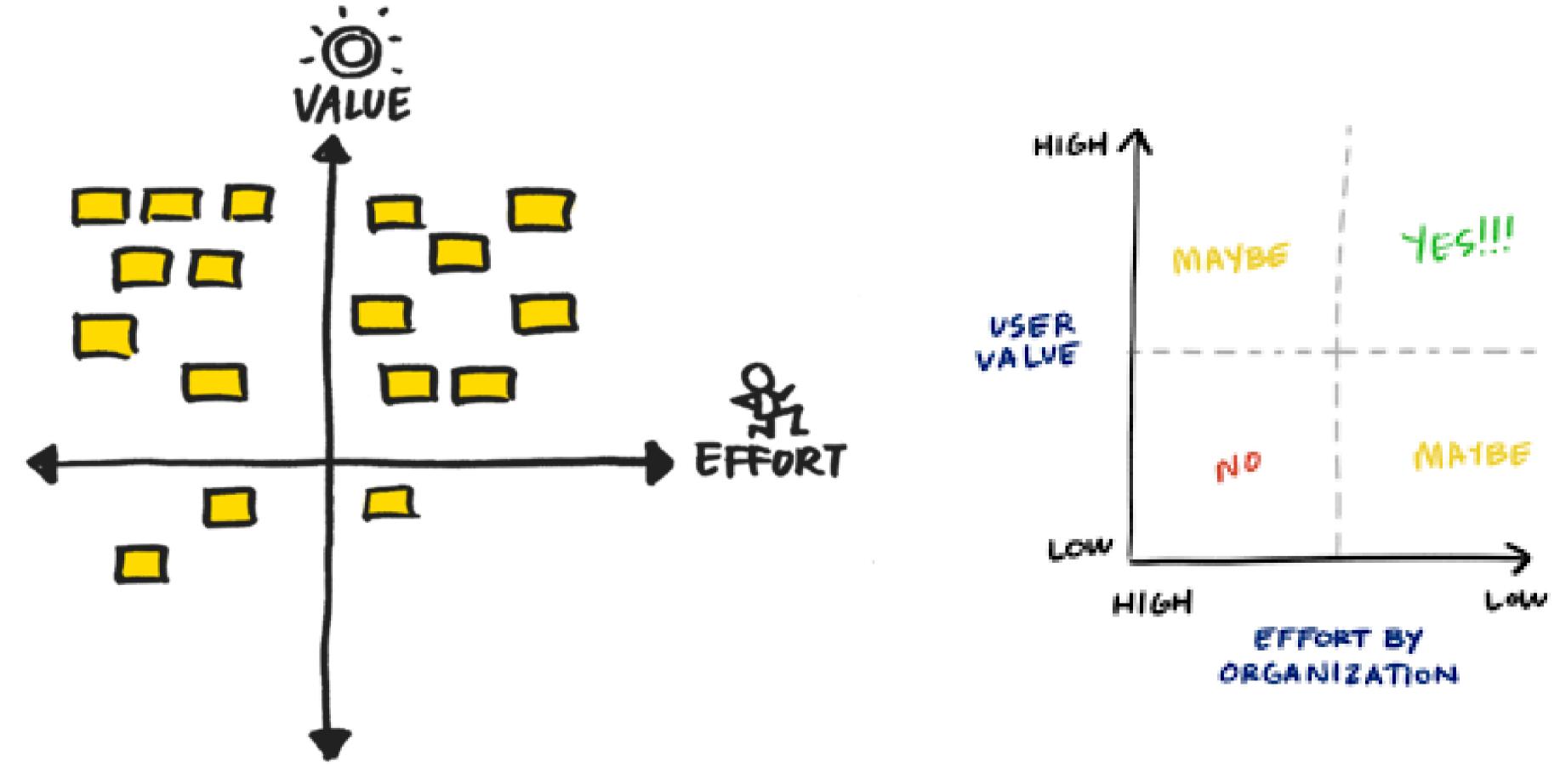
List out all potential improvement opportunities /actions Score them for:

- Ease of implementation / feasibility
- Cost
- Impact
- Interest to your key stakeholders (e.g. customers, investors)

Prioritise them

Focus your efforts on the top 3 or 4 issues – can't do it all at once!

Prioritising improvement opportunities



Step 4















For each of your priority areas

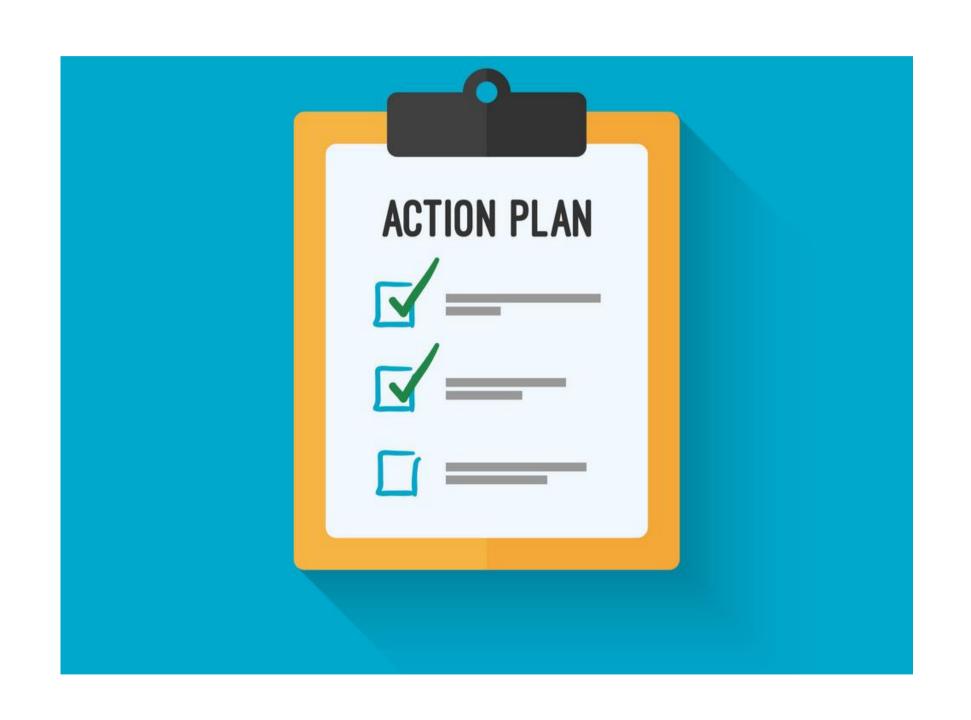
Set a goal / target

Break it down into actions

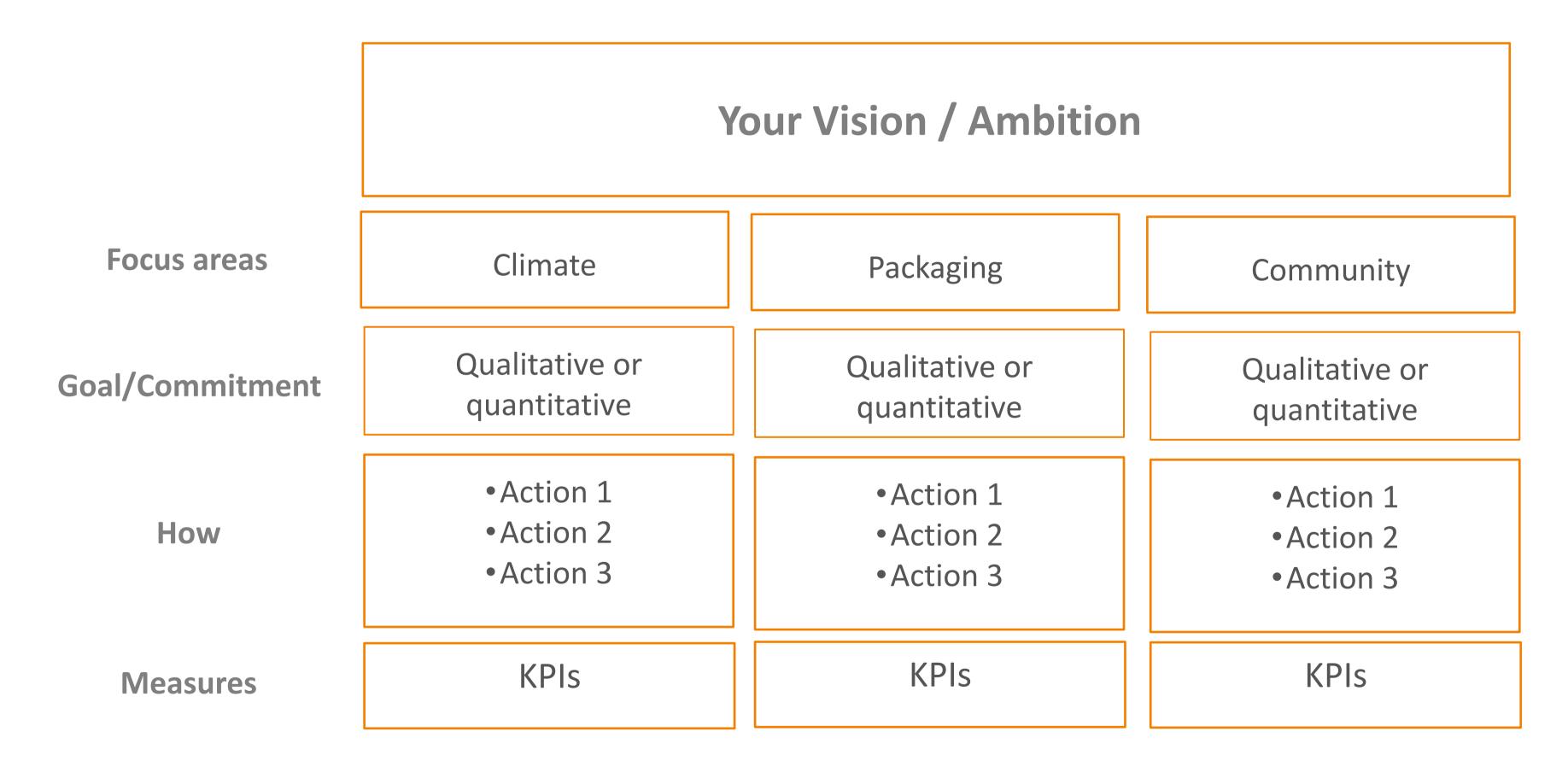
Dedicate some budget / resource

Assign responsibility

Set a timeframe / deadline



Capture everything in a simple framework



Step 5





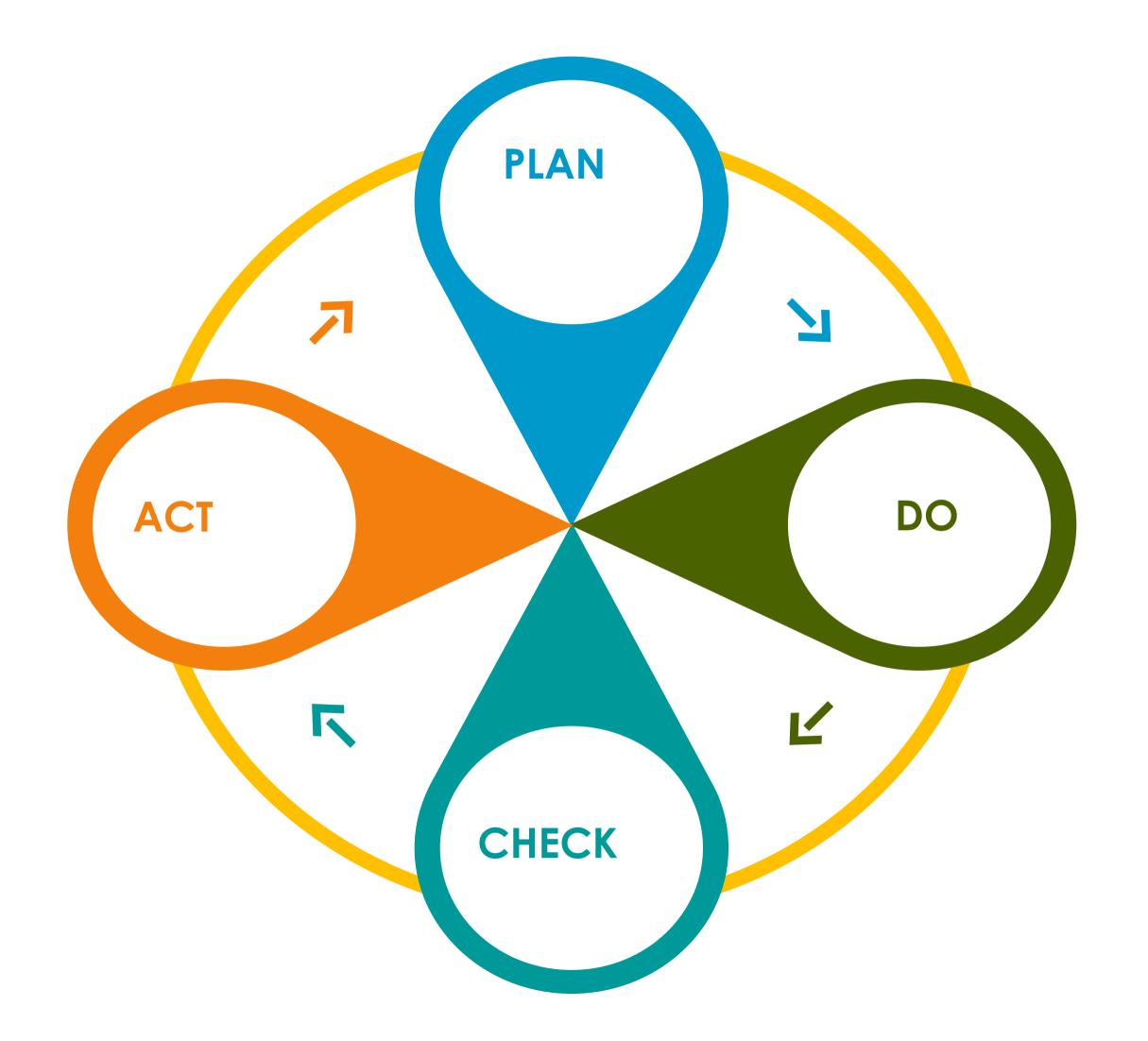












Step 6





BASELINE audit of current practices









Avoid greenwashing

- Be honest! It's not about perfection
- Don't over claim must be able to back up everything you say
- Specific statements, not general
- Use reputable third party standards / certifications
- Share dilemmas & struggles as well as successes & achievements
- Don't be afraid to say you have an ambition / aspiration but are still figuring out how exactly to get there

Sustainability reporting frameworks







International Integrated Reporting Council (IIRC)



Carbon Disclosure Project (CDP)



Taskforce on Climaterelated Financial Disclosures (TCFD)



Taskforce on Naturerelated Financial Disclosures (TNFD)

Certifications and standards











NARROW, TOPIC SPECIFIC









Certified



This company meets the highest standards of social and environmental impact

A global community of leaders

4,000

Companies

77

Countries

153

Industries

1

Unifying Goal

Certified B Corps are a new kind of business that balances purpose and profit. They are legally required to consider the impact of their decisions on their workers, customers, suppliers, community, and the environment. This is a community of leaders, driving a global movement of people using businesses as a force for good.

LEARN MORE ABOUT B CORPS

The B Corp Community

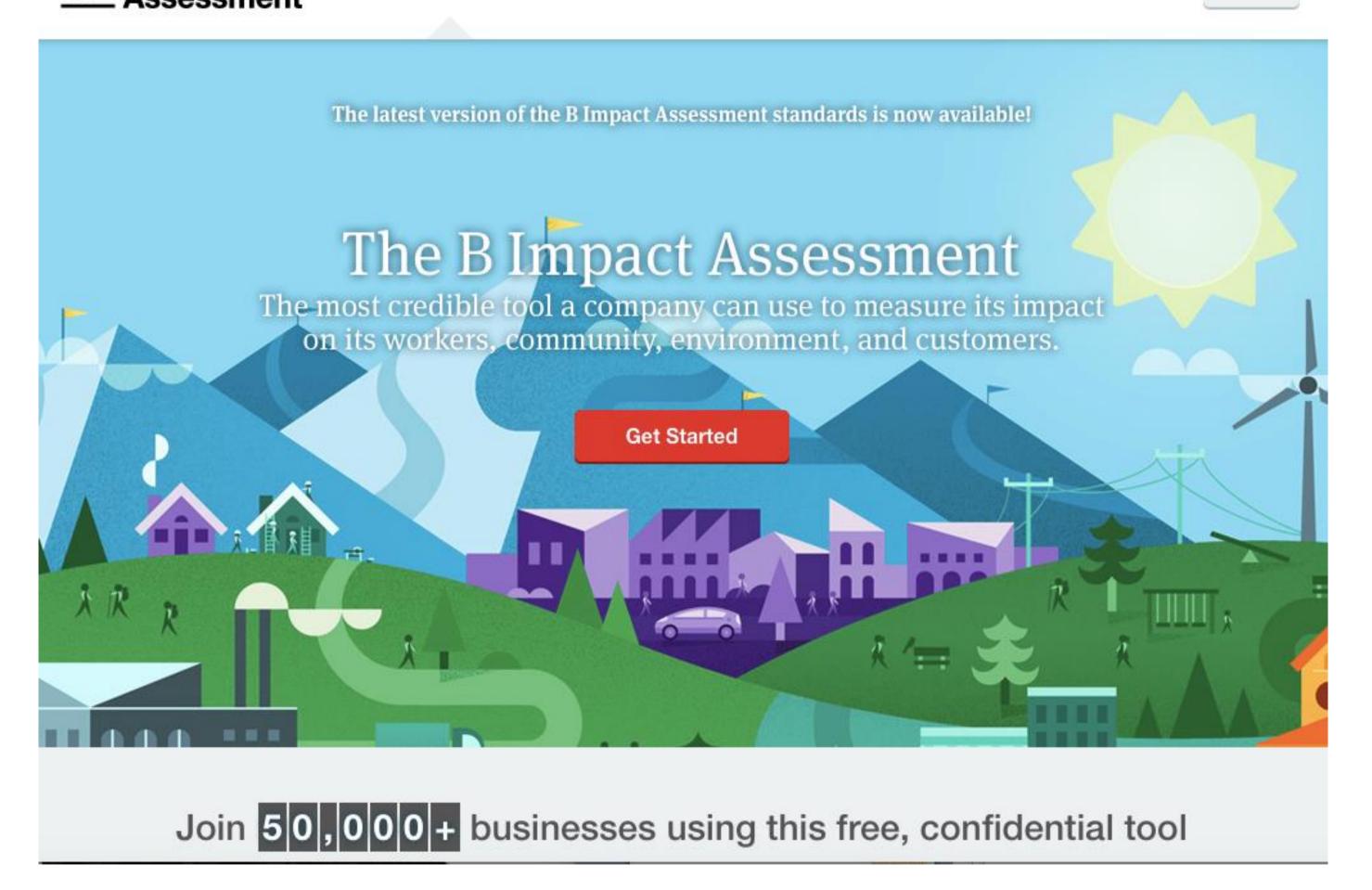


Learn More

Case Studies

About

Log In



Certified





Environment



Workers



Customers



Community



Governance

Resources

Guide to B Corp Certification for SMEs: https://bcorporation.net/resources/complete-guide-b-corp-certification-small-medium-sized-enterprises

EPA – carbon footprint calculators: https://www.epa.ie/take-action/in-the-home/climate-change/carbon-footprint-calculators/

Ten ways to make your small business sustainable: https://looka.com/blog/make-your-small-business-sustainable/

SEAI supports: https://www.seai.ie/business-and-public-sector/small-and-medium-business/supports/

Enterprise Ireland green supports: https://www.enterprise- ireland.com/en/productivity/build-a-green-sustainable-business/

Inspiration: Arbikie

SustainabilityWorks.



A SUSTAINABLE ETHOS

OUR VISION

At Arbikie, our 'Field to Bottle' ethos is at the heart of everything we do. Each of our products is inherently tied to the land, the Scottish growing season and the weather they've endured throughout. The crops we are able to grow, and the quality of each harvest, directly impacts what we make and how and when we do it.

Our mission to become the global leader in a newly defined spirits category of Single Estate sustainable, traceable, field to bottle authenticity is brilliantly showcased through Nàdar Vodka. With this product we have rejected the status quo by combining cutting edge science with our traditional farming ethos to reduce the Carbon footprint of the distillery. This has allowed us to create a truly unique 'Climate Positive' product, which is in fact, a world-first.



A SUSTAINABLE ETHOS

CREATING A WORLD-FIRST

AUTHENTIC

Arbikie Distillery is a genuine field to bottle operation. Our spirits are made from scratch on-site from field to bottle and retain the evocative taste of our unique environment.

SUSTAINABLE

We grow our own crops. We use our own water. We grow our own juniper and botanicals. We are expanding our use of solar energy. Our primary waste products where possible are recycled as cattle feed or used as a natural fertiliser.

TRACEABLE

Our distillery conducts almost all stages of production on site. Every crop in our spirits can be traced to its original field.

INNOVATIVE

Our mission is to set new standards in the industry with our aim to soon be the first climate positive distillery in the world.

PRESENTING

NADAR GIN

Our revolutionary climate positive gin is called Nàdar - Gaelic for 'Nature'. Nàdar Gin harnesses the power of nature and science to create this world first spirit. With a carbon footprint of -1.54 kg CO2e per 700ml bottle, Nàdar Gin is at the forefront of fighting climate change and biodiversity loss, the biggest challenges humankind has ever faced.

BUY NOW



Inspiration: Bruichladdich

SustainabilityWorks.

Four pillars of sustainability strategy:

1. Energy

2. Agriculture & Biodiversity

- 3. Packaging & Waste
- 4. Islay community

WHAT DOES SUSTAINABILITY MEAN TO US?

We are working to reduce the impact of our operations and become more environmental in our actions, all with a heightened sensitivity to growing within our island home. We must ensure our impact is positive, that we continue to improve the quality of life for our planet and our people. Only with a clear vision, holistic approach and a solid foundation, will future generations be inspired to take over as custodians.

Our distillery is home to four unique spirits; Bruichladdich, Port Charlotte and Octomore single malt whiskies and The Botanist Islay dry gin. Here we outline our ambitions under four key pillars of sustainability; Agriculture & Biodiversity, Packaging & Waste, Islay & Community, and Energy.



ENERGY

AS PART OF OUR PROGRAM TO REDUCE OUR CARBON FOOTPRINT, WE'VE INSTALLED A CIRCULATORY HEATING SYSTEM TO RECYCLE OUR HOT WASTEWATER AND HAVE SWITCHED TO 100% RENEWABLE ELECTRICITY, SOURCED WITHIN THE UK. BUILDING ON OUR PROGRESS TO DATE, WE ARE EXPLORING SHORT, MEDIUM AND LONG-TERM ENERGY SOLUTIONS.

To create an energy infrastructure for the future, our next actions will tackle weighty issues requiring investment and a long-term commitment. Faced with additional complexity due to the lack of renewable capabilities on the island, we are measuring potential options according to timescales and on-site energy requirements. Solutions must provide power for many different areas across the distillery; including production, warehousing, on-site accommodation, two guest houses, bottling halls, Shore House Croft and its outbuildings.



OUR INTENTIONS FOR THE FUTURE ARE AMBITIOUS. THESE MAY EVOLVE OVER TIME BUT WE BELIEVE IN THINKING BIG, STARTING SMALL, BUT STARTING TODAY.

- + We will develop our understanding of rotational farming, investing with a with a view to nurture natural soil fertility in the long-term.
- + We will find and adopt an accreditation for each area of our barley buying, from organic to biodynamic to our conventional varieties. With our sister distilleries at Westland and Domaine des Hautes Glaces, we will further define what sustainable barley buying means to each of us, and our respective locations on Islay, the Pacific North West of the USA and the French Alps.
- + We will explore the feasibility of minimising inputs, knowing that some conditions in Scotland will be more suited to minimal intervention than others.
- + We will discourage monocrops, with a view to exploring permaculture and the idea that as a distillery, we can act as an accessible market for our local farming community. Where we cannot make use of beneficial crops, we will encourage their sale on the island.
- + We will continue our pursuit of a farmer and flavour first mentality, working with agronomists and breeders to set parameters for crops that celebrate

PACKAGING & WASTE

From production to disposal, our products and processes will leave as little impact and waste on the environment as possible. We started with our individual impact and removed single use plastic from all of our sites including bottled water and carrier bags. Happily, our glass bottles, outer tins, card liners, and outer cases are already 100% recyclable and outer tins are now optional on all products across our website. We know there is much more to do, and so our packaging strategy will see us:

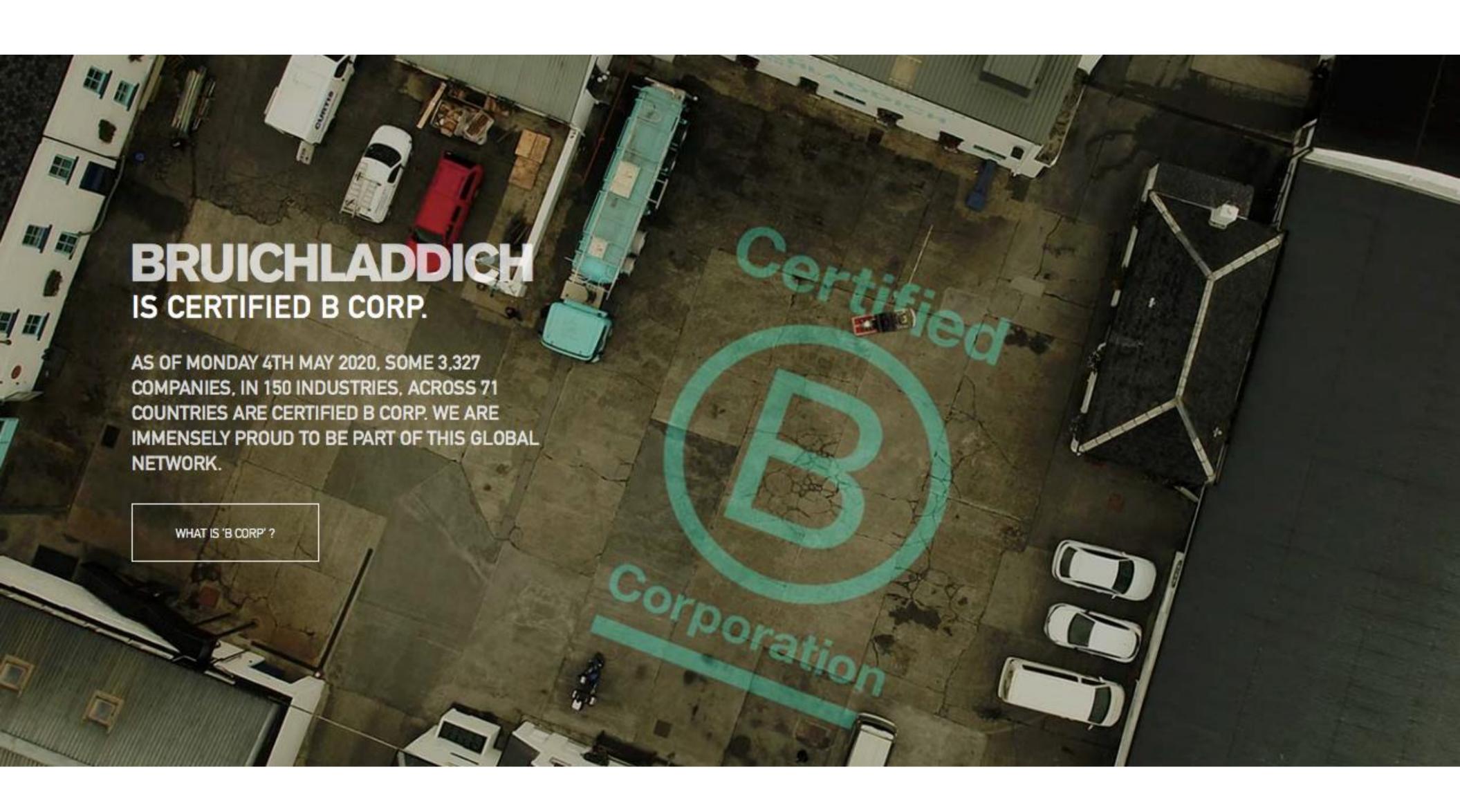


Reduce 100% unnecessary packaging and encourage our

clients to refuse packaging where it is not needed



Ensure the materials we do use are recyclable or re-usable



Inspiration: Einnisterre

SustainabilityWorks.

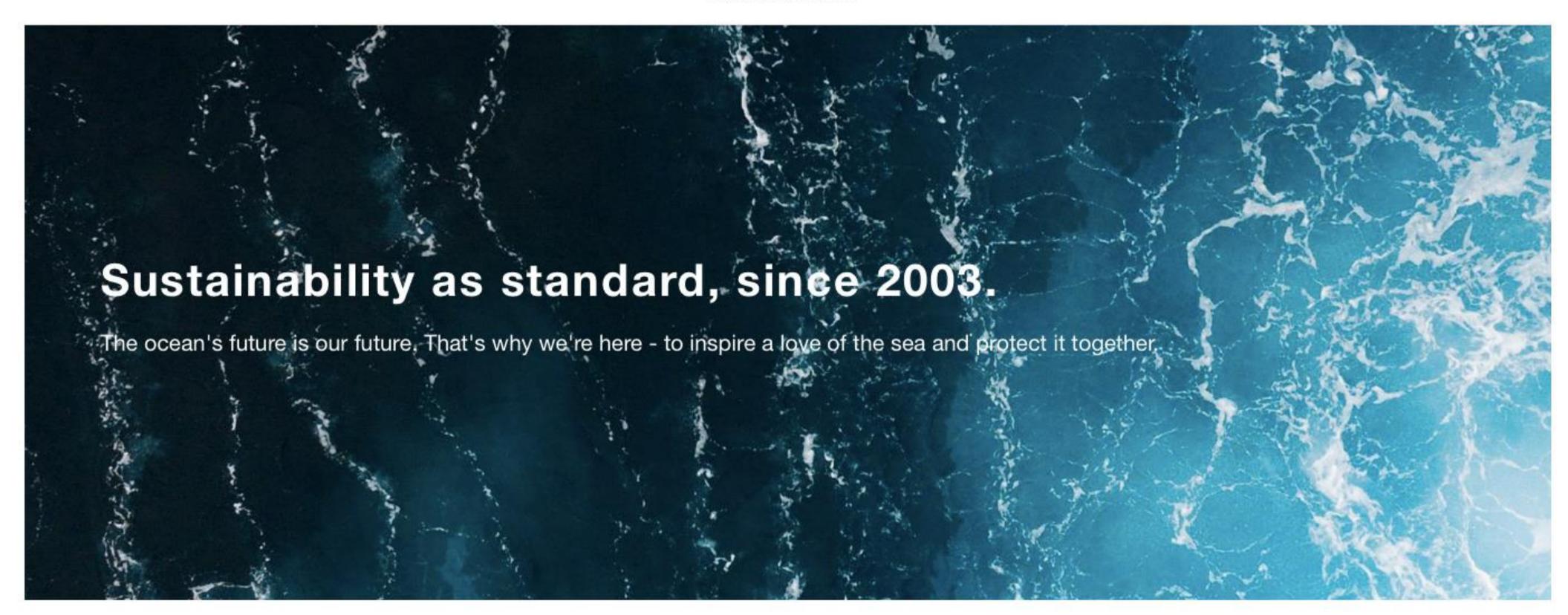














People

Inspiring communities to love and protect the sea



Environment

Zero waste and minimising our impact



Product

Circular products and systems

2020 - What we're working on



People

Company-wide Volunteer Programme, providing up to five days of paid volunteering for all full time staff.

Evolve existing partnerships with relevant NGOs and marine conservation organisations to lobby for protection of our oceans.

Continue to showcase and champion those within our community who are creating positive change.



Environment

Measure and map our full carbon footprint across the entire supply chain.

Understand and map out our microfibre impact, working towards zero microfibre loss from textiles into our oceans.



Product

Grow our Lived & Loved repairs service, extending the life of existing products to reduce overall impact.

Launch our online service to buy and sell pre-loved Finisterre clothes.

Our Roadmap to Zero Waste



Energy

Carbon footprint across supply chain, distribution & business site



Land Impact on land through agriculture

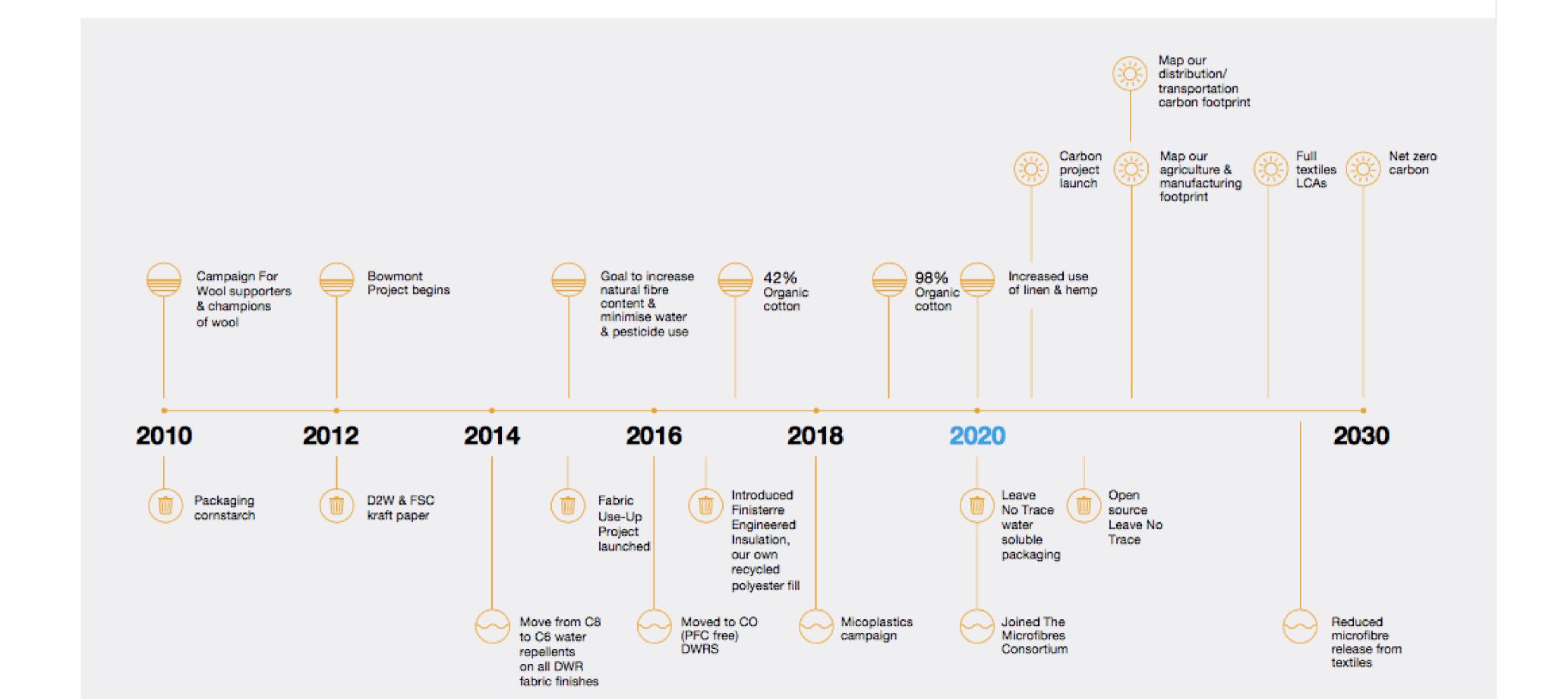


Waste Reducing &

reimaging

waste

Water
Water use
and chemical
management



Karen Deignan karen@sustainabilityworks.ie



www.sustainabilityworks.ie



@WeAreSustWorks



SustainabilityWorks



SustainabilityWorks Ireland



FYI:

You can also continue to use the chat bar to ask any questions you might have.



Q&A protocol

Use the 'raise your hand' button to indicate you wish to speak.



You can also use the chat bar function to type out a question which will be put to the speakers.



When asking a question or making a comment please **turn on** camera and **un-mute** microphone before speaking.







