

LEVEL UP YOUR CLIMATE STRATEGY:

CLIMATE ACTION & INNOVATION MATRIX

YOUR PRESENTERS



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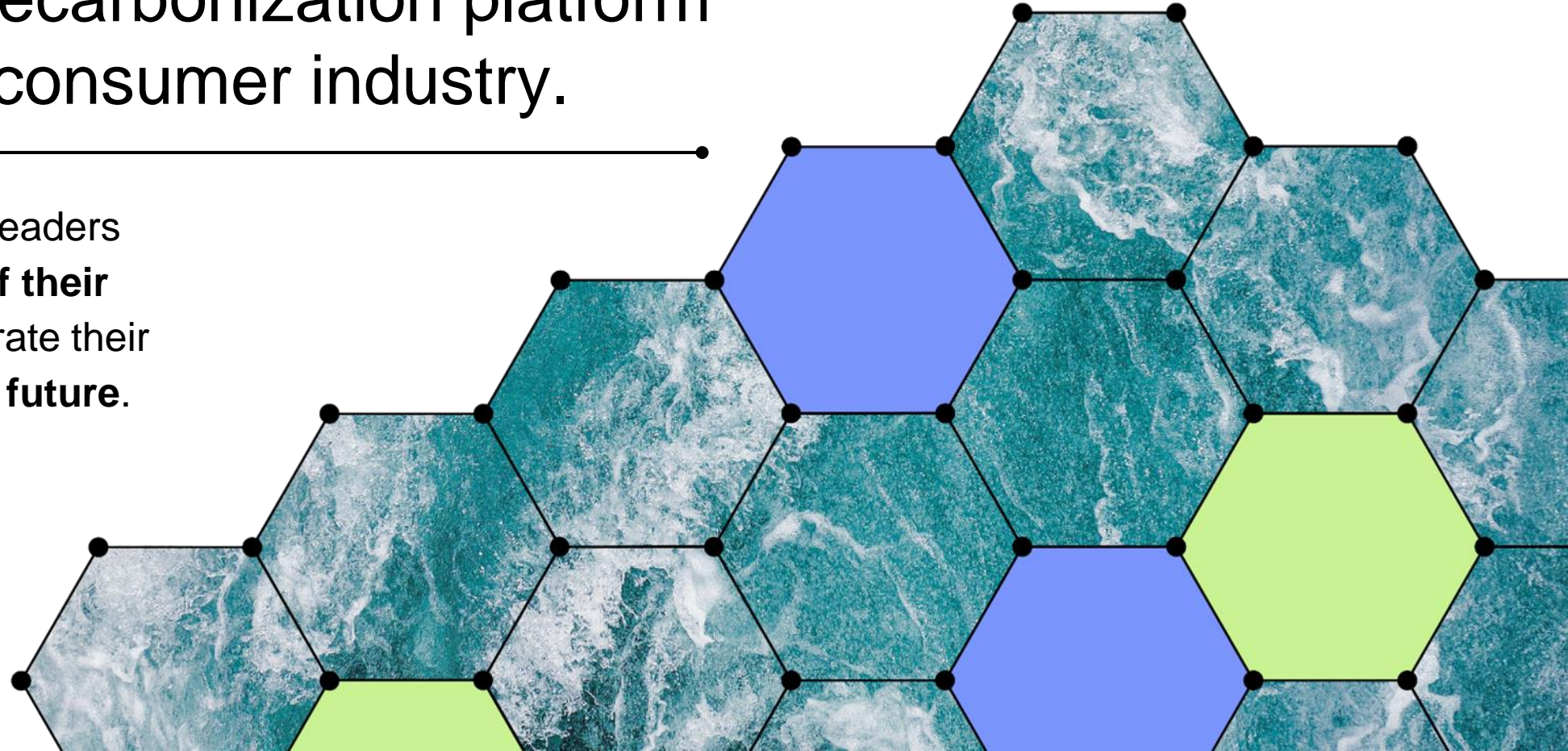


Britt Lundgren
*Senior Director of
Sustainability and
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Stonyfield



PLANET→FWD™ is the
the **leading** decarbonization platform
in the food & consumer industry.

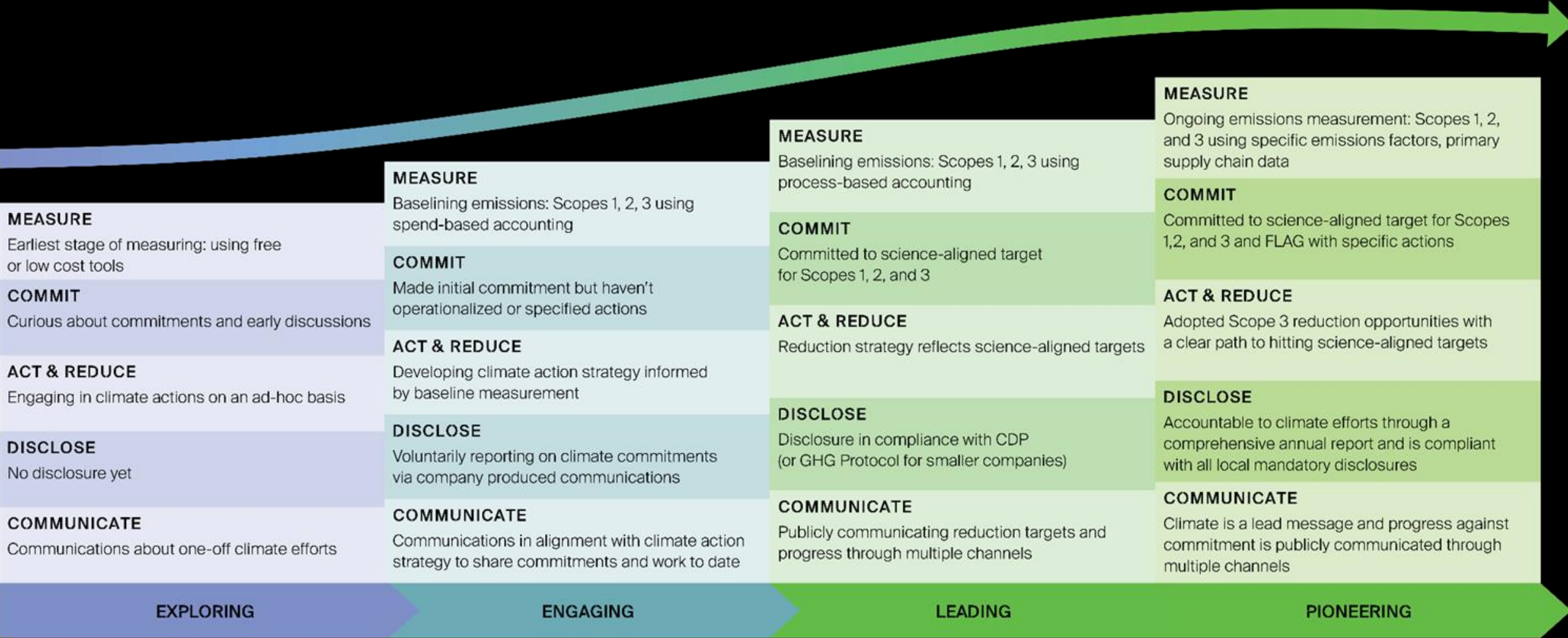
We help sustainability leaders
**uncover the drivers of their
emissions** and accelerate their
transition to a **net zero future**.



TRUSTED BY GLOBAL F&B COMPANIES, SPANNING ACROSS CPG, FOOD SERVICE & RETAIL



CLIMATE ACTION & INNOVATION MATRIX





THE BEST PLACE TO BEGIN YOUR CLIMATE ACTION IS BY
BASELINING YOUR CARBON EMISSIONS.

Baselining is critical in climate work because it establishes a clear starting point from which progress can be measured and assessed.

- Well-defined baseline provides transparency and credibility to stakeholders, showcasing an organization's genuine commitment to understanding and addressing its environmental impact.

**Understand what scopes you need to measure
and how specific your data needs to be.**

Whether you are Exploring or Pioneering in your climate work, we always recommend you work with reliable tools and are transparent about where your data comes from.





- **GROUNDING YOUR COMMITMENTS** in scientific data and aligned with global climate goals.
- **ENSURE THAT YOUR COMMITMENT IS BOTH AMBITIOUS AND FEASIBLE** and the target is measurable and time-bound to facilitate tracking and accountability.
- **MAKE A PLAN** to achieve your goals—lofty targets without a plan are a risk to the climate and your company.
- **PLAN FOR FINANCIAL AND OPERATIONAL IMPLICATIONS OF YOUR COMMITMENT** to ensure the resources and strategies are in place to achieve your climate action goals.





TAKE THE TIME TO BUILD A CLEAR CLIMATE STRATEGY

- **ALLOCATE RESOURCES** to both financial and human resources optimally, to maximize your return on investment in terms of environmental impact and potential cost savings.
- **COMMUNICATE.** A well-articulated strategy can enhance your reputation among stakeholders, including shareholders, consumers, and employees, who are increasingly prioritizing sustainability.





PRIORITIZE TRANSPARENCY, ACCURACY, AND COMPREHENSIVENESS IN YOUR REPORTING.

Ensure your emissions data is rigorously collected, verified, and based on recognized standards like the TCFD or the Greenhouse Gas Protocol.

- Aim for disclosures that encompass the entirety of your environmental impact, from direct operations to the broader value chain, underscores your genuine commitment.





Strong communication plans are important to build trust, gain support, and demonstrate responsibility.

YOU SHOULD:

- Articulate your climate goals clearly.
- Highlight the steps already taken.
- Spotlight outcomes achieved.
- Address any challenges faced.

Being transparent, responsive, and proactive in your communications reinforces your dedication to accountability, especially when greenwashing is a concern.



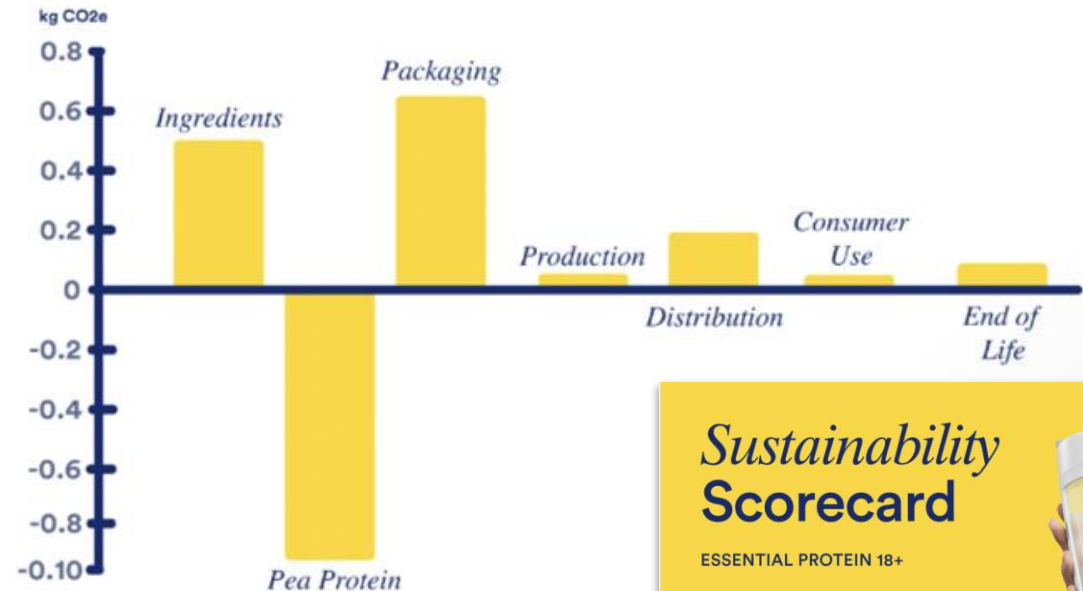
RITUAL: GETTING CREDIT FOR INGREDIENT & SUPPLIER TRANSPARENCY



“Having previously done spend-based corporate carbon accounting, we wanted a more accurate understanding of our Scope 1, 2 and 3 emissions. Marrying the product LCAs with corporate carbon accounting with Planet FWD will be best in class.”

- Lindsay Dahl
Chief Impact Officer, Ritual

Essential Protein 18+ Carbon Emissions Pea Protein Broken Out



Sustainability Scorecard

ESSENTIAL PROTEIN 18+

✓	100% OF INGREDIENTS Made Traceable®
✓	OUR PACKAGING GENERATES 84% Less Carbon*
✓	TOTAL EMISSIONS CALCULATED 0.453kg of CO₂e

Whey protein produces 9x the emissions of this product.

*Compared to a traditional tub. Based on a Ritual internal Life Cycle Assessment in June 2022.

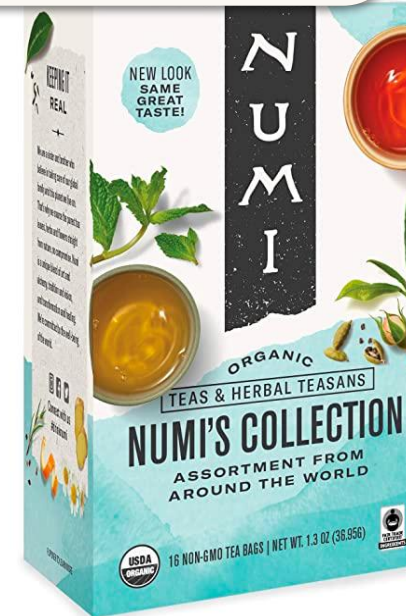
2023 Carbon Footprint Provided by PlanetFWD



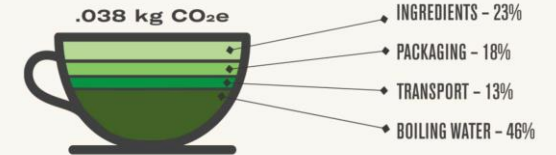
NUMI: LEADING ON CARBON TRANSPARENCY



- Conduct cradle-to-grave Life Cycle Assessments for products to determine the carbon footprint across all inputs (ingredients, packaging, to end of life)
- Measure impact of sustainability initiatives such as regenerative sourcing and plant-based packaging
- Carbon label all products on package
- Provide supporting messaging to engage their consumers with the label and how they can be a part of reducing the footprint of their tea



WHAT'S IN YOUR CUP?



WAYS TO REDUCE YOUR CARBON FOOTPRINT



Choose Clean Electricity

Nearly half of a tea bag's carbon footprint (46%) comes from boiling water. You can reduce your carbon footprint by using an electric tea kettle, boiling only the amount of water you need, and opting for clean energy sources if available. If clean energy isn't an option where you live, write to your elected officials and advocate for a zero-emissions electricity grid!

Support Regenerative Agriculture

For almost 5,000 years, farmers have grown tea trees in harmony with nature. Tea trees store and accumulate carbon, making tea carbon-negative at the farm level. The organic tea estates we work with use additional regenerative practices like no-till farming, cover cropping, perennial planting, and agroforestry, all of which draw carbon from the atmosphere on a net basis.

Opt for Tea over Coffee

Numi tea is less carbon-intensive than coffee. The carbon footprint of a cup of Numi tea is 86% lower than a cup of conventional espresso (2.8kg CO2e) and 93% lower than a conventional latte (5.5kg CO2e). When comparing sustainably produced coffee, the emissions in a cup of Numi tea are 37% lower than sustainable espresso (0.6kg CO2e) and 88% lower than a sustainable latte (3.3kg CO2e).¹



WANT TO DIVE DEEPER?

Download the Climate Action
& Innovation Matrix



Book a Call with Planet FWD



Stonyfield
ORGANIC®



SOCIAL RESPONSIBILITY: PART OF OUR DNA FROM THE BEGINNING

In April 1983, Stonyfield was born out of a farming school that taught sustainable farming practices.



1983 – Stonyfield founded at the Rural Education Center at Stonyfield Farm

1992 – Started recycling program

1997 – 1st manufacturer to offset carbon emissions from facility energy

1997 – Our 1st organic product

2000 – Completed first full carbon footprint

2005 – Largest solar array in NH

2006 – Convert wastewater into biogas with onsite wastewater treatment

2007 – 100% of Stonyfield products certified organic

2010 – 1st yogurt cup made from plants

2014 – Start of Direct Milk Supply program

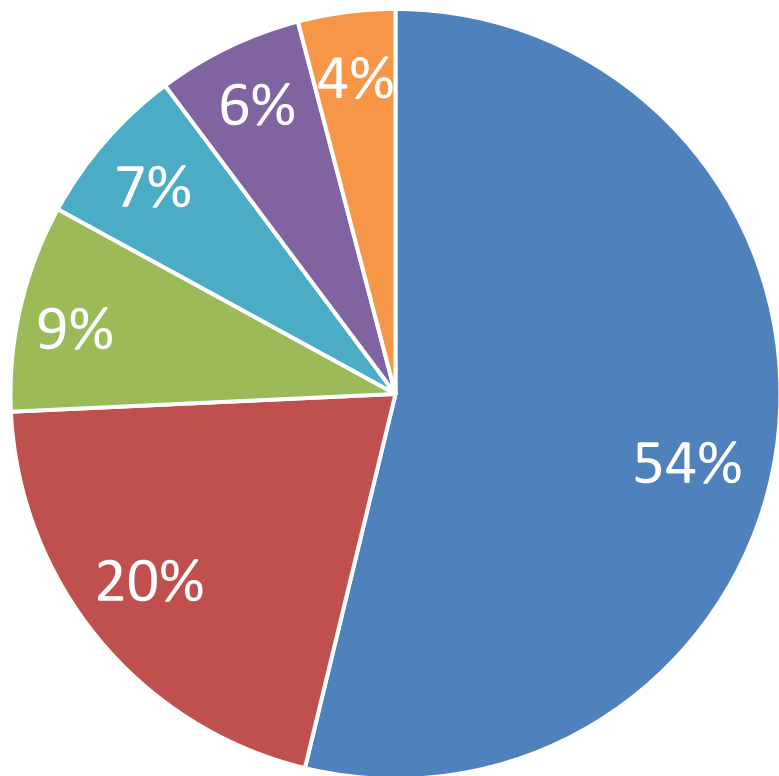
2016 – Became a Certified B Corp

2018 – Launch of StonyFIELDS program

2019 – Validated SBT commitment and helped launch OpenTEAM



STONYFIELD 2021 GHG ASSESSMENT RESULTS



- Milk
- Logistics
- Packaging
- Other
- Other Ingredients
- Facility Energy*



SCIENCE
BASED
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

**30% reduction by 2030 in
absolute emissions across all 3
scopes**

Stonyfield 2021 Emissions Intensity (MT CO2e/MT Finished Goods Produced)							
	Milk	Logistics	Packaging	Other Ingredients	Other	Facility Energy	TOTAL
	1.24	0.53	0.26	0.20	0.19	0.11	2.52



STONYFIELD SUSTAINABILITY GOALS



Stonyfield's sustainability goals differentiate our products in the marketplace—consumers choose Stonyfield for the good we represent.



Reduce Stonyfield's absolute Scope 1, 2, and 3 greenhouse gas emissions 30 percent by 2030



✓ *Achieved in 2022!*

100% renewable electricity for our Londonderry, NH manufacturing Facility by 2025



100% renewable electricity for our dairy supply chain by 2025



Carbon positive dairy supply chain by 2030



All consumer unit packaging will be entirely made of recycled content or bio-based content by 2030

Stonyfield Mission Pillar 2023 Activations

Climate Change

30x30: 30% reduction of our carbon footprint by 2030

Our innovation on reducing emissions from agriculture and sustainable packaging will lead the entire industry.

Protection From Toxins

With every cup of organic yogurt we make, we make the world safer by avoiding pesticides and other chemicals—both on farm and in packaging.

Sustainable Packaging

By 2030, we will have a packaging portfolio that is entirely bio-based or made from recycled materials and continue our commitment to keeping toxic materials out of our packaging.

Diversity, Equity, Inclusion

Low-income and communities of color are disproportionately impacted by **climate change** and **exposure to toxins**.

MAP Team DEI activations focus on our NH community, our consumers' communities, and a responsible sourcing program.

ORGANIC DELIVERS ON SUSTAINABILITY GOALS

BENEFITS OF USDA ORGANIC ARE FAR REACHING



USDA Organic is Federally Defined and Guaranteed;

this means structures are in place to ensure organic farmers:

*Protect Natural Resources (soil, water etc.) • Rotate Crops • Minimize soil erosion • **DON'T** use chemicals or pesticides • **DON'T** use antibiotics on animals • **DON'T** use GMOs • Use 100% organic feed & materials • Treat animals well!*

ORGANIC FARMS TRULY MAKE A DIFERENCE



Emit **18% less global warming-causing gases** and use **~50% less new reactive nitrogen** (an extremely potent greenhouse gas).*



Produce healthier soils that contain **13% higher total organic matter** and capture **44% more stable sequestered carbon**.*



Releases **40% fewer carbon emissions**.*

*As compared to conventional



Pesticide residues in organic produce are **55x** lower in vegetables and **115x** lower in fruits versus conventional produce.



Increase overall **biodiversity by 30%** and **pollinator diversity by up to 50%**.



Reduce **nitrates** released into groundwater **by 50%**.



Use **61% less energy** than conventional production.



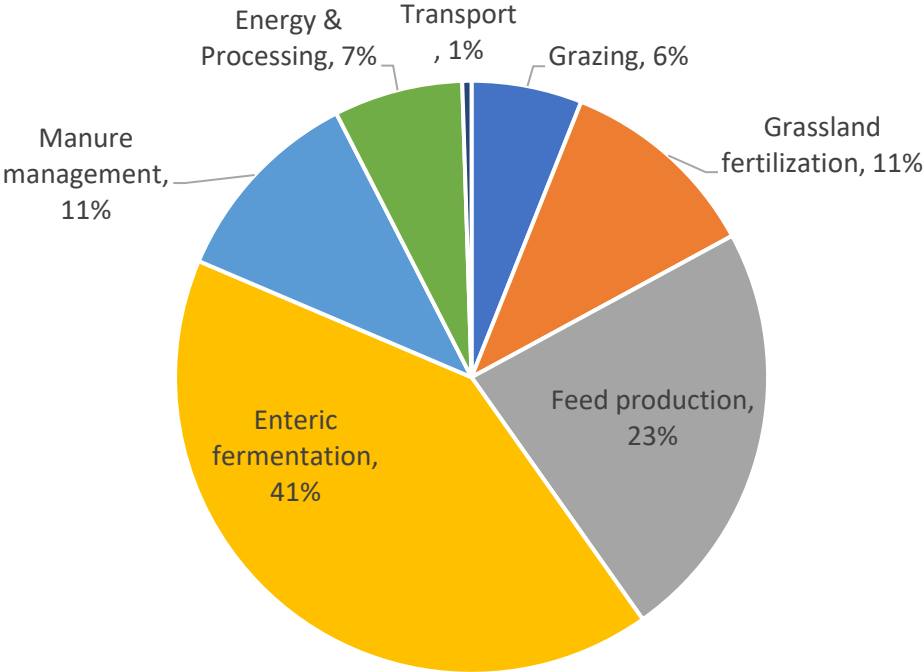
Are more resilient; **organic farms produce yields up to 40% higher** than conventional systems in drought.



Conserve forests and wild lands; most organic operations are converted from land already in agricultural use, either from active conventional farms or fallowed fields.

OpenTEAM tools to measure GHG Emissions for Stonyfield Direct Supply farms – *Cool Farm Tool*

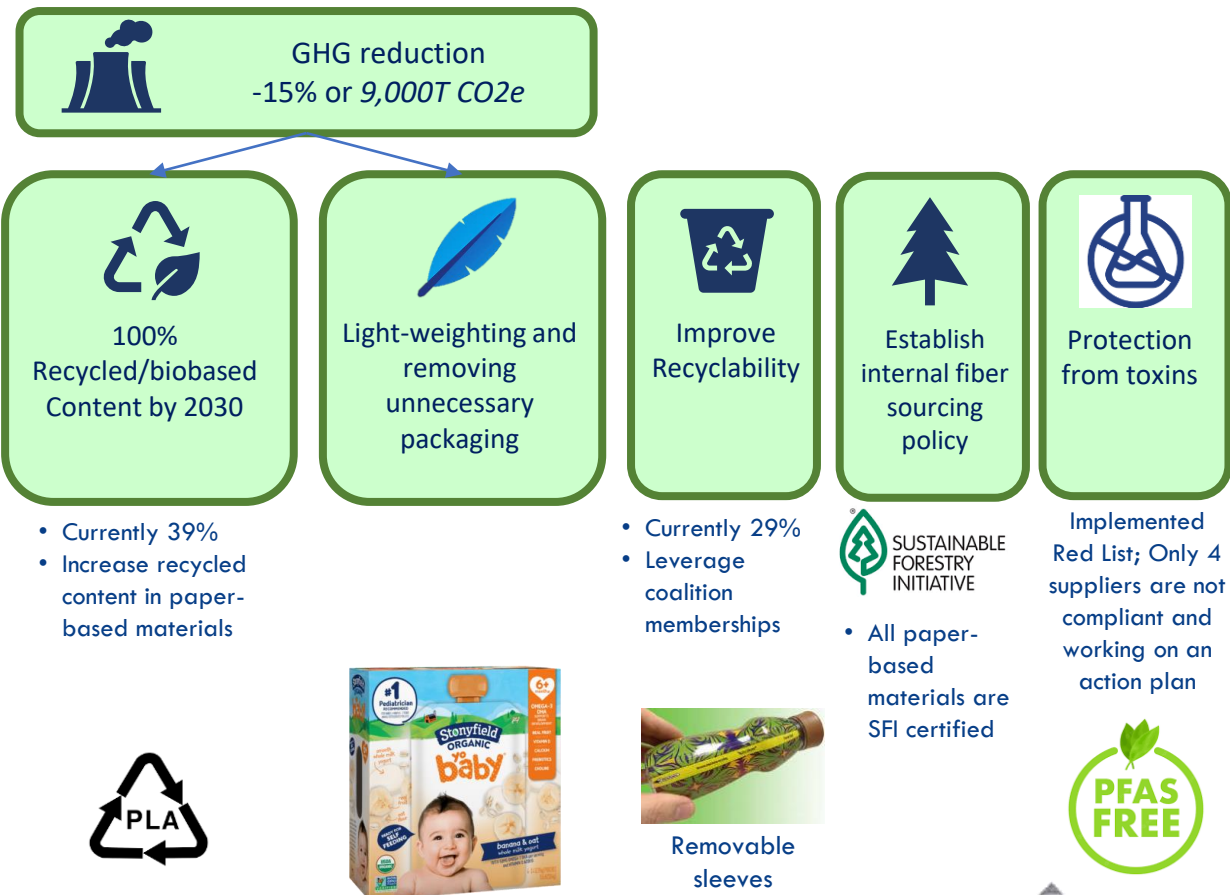
2021-2022 Average On-Farm GHG Emissions



PACKAGING SUSTAINABILITY ROADMAP



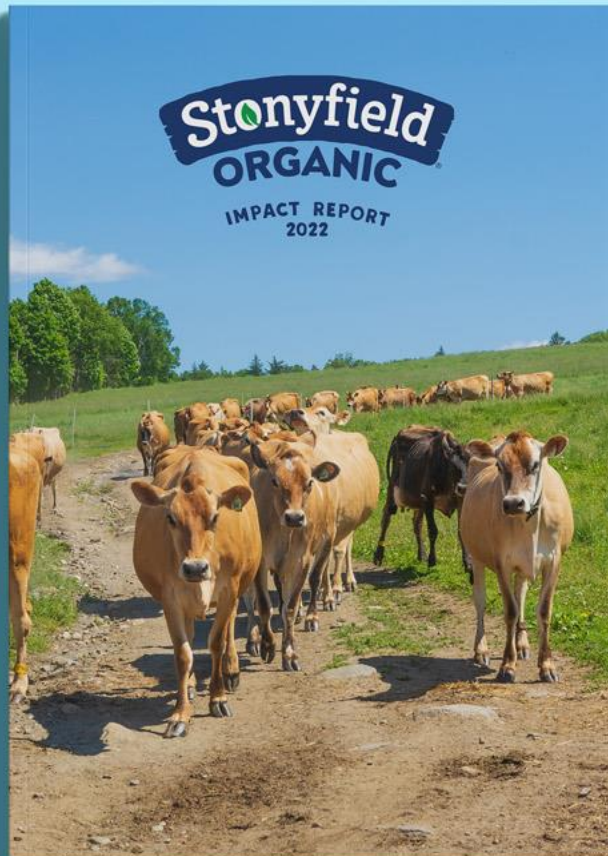
2030 Packaging Sustainability Goals



-13% plastic reduction
Mono PE + Vizi Cap

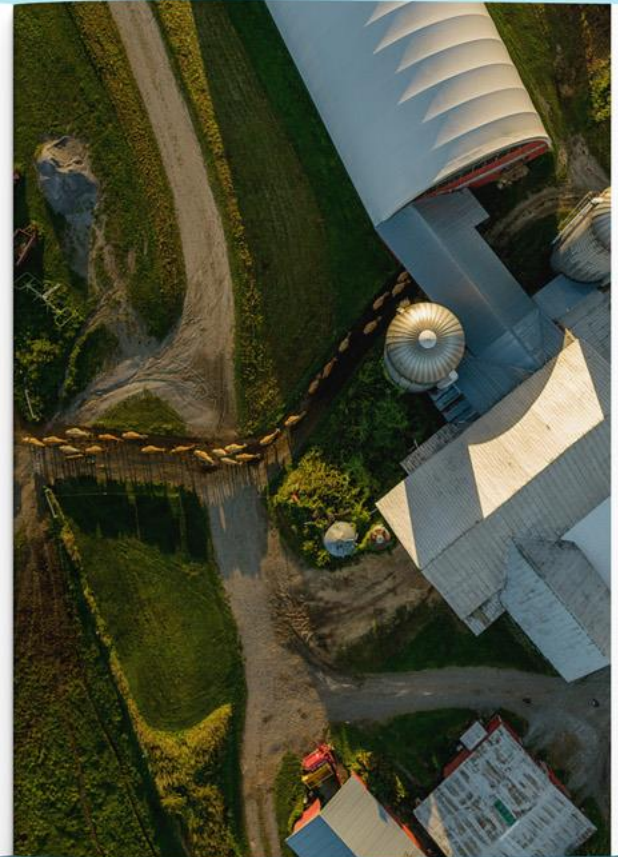
READ THE 2022 IMPACT REPORT ONLINE

stonyfield.com/2022-impact-report



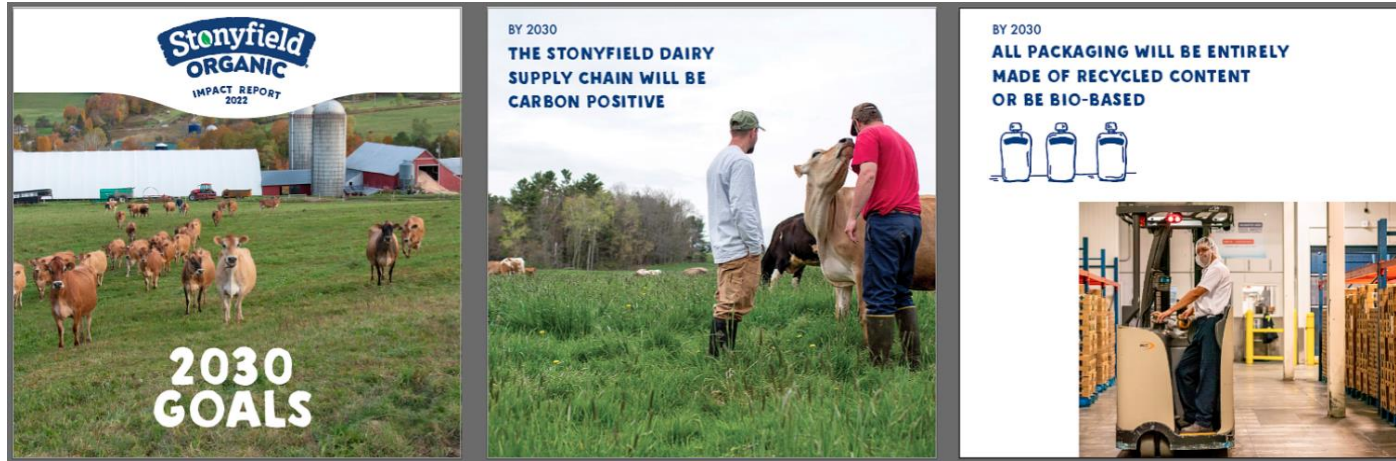
STONYFIELD TECHNICAL ASSISTANCE FUNDS

Here are some stories from 2022 on how
Stonyfield technical assistance funds
are helping farmers become more sustainable

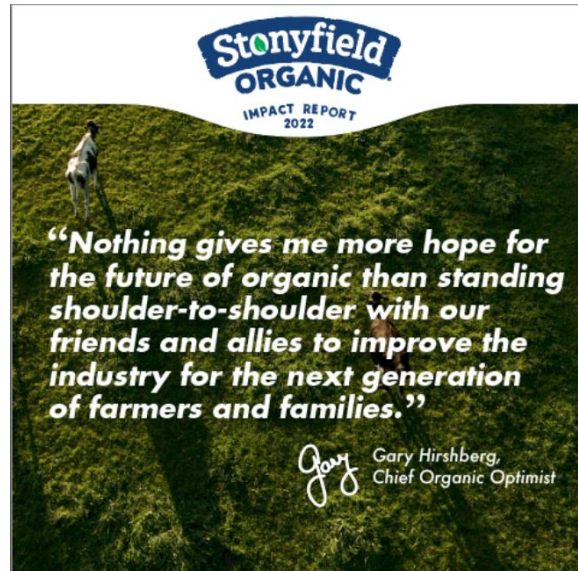


CONSUMER-FORWARD COMMUNICATIONS: SOCIAL

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Program Highlight for Social Post



Pull Quote

