



# Building a Sustainable Supply Chain

*Ethical and Responsible Sourcing*

January 13, 2022

# Meet Your Moderator



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# Meet Your Speakers



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# Building a Sustainable Supply Chain

TraceGains Webinar  
January 13, 2022



good food  
advisors



# Food and agriculture plays an important role in achieving the SDGs

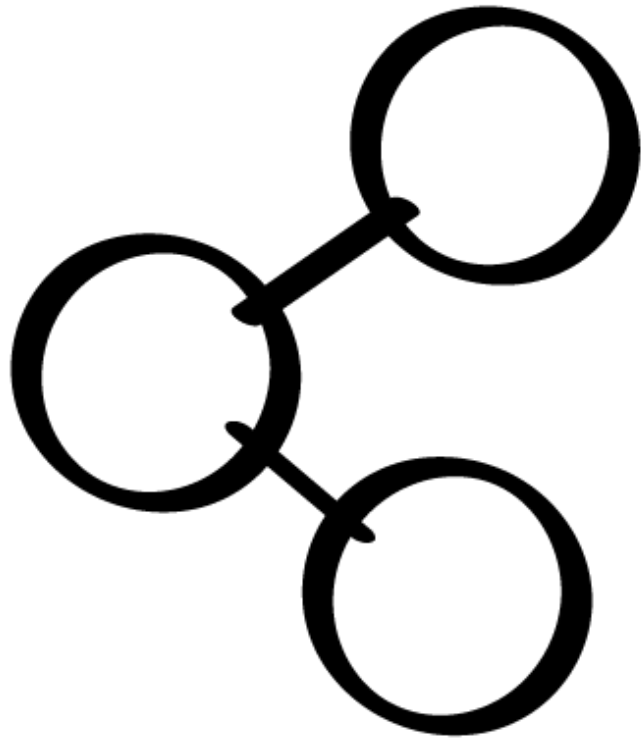


# Food and agriculture already has a huge impact on our world



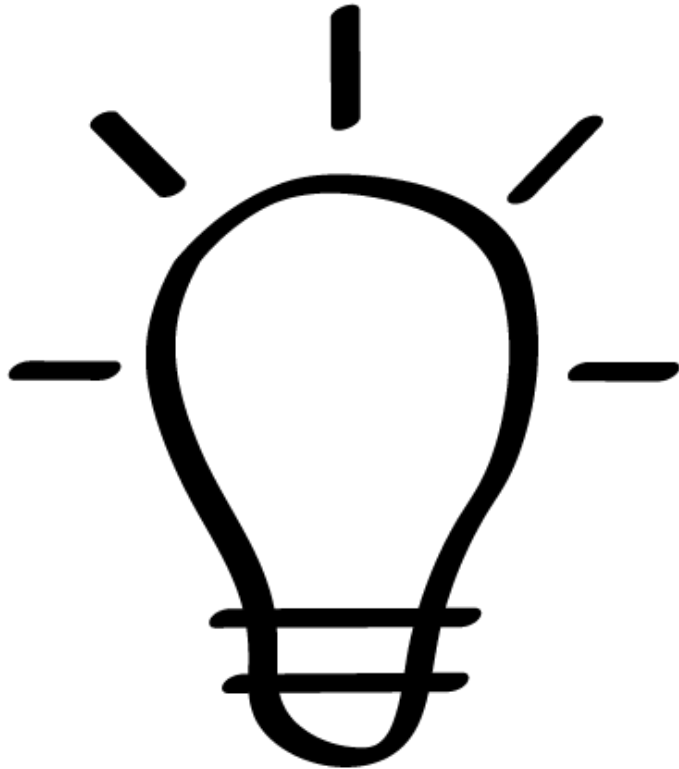
- US **\$8 trillion**
- Employs **1 billion** people
- **Half** of land use
- **70 percent** of water use
- **One-quarter** of greenhouse gas emissions

# Sustainability is becoming increasingly important to stakeholders



- Consumers
- Employees
- Investors
- Policymakers

# Opportunities for the food industry to help achieve the Sustainable Development Goals



## **New production methods**

1. New plant varieties and breeding methods
2. Regenerative crop and animal agriculture
3. Natural capital and ecosystem services
4. Indoor agriculture

## **New products**

1. Alternative proteins
2. Healthy product formulation

## **Sustainable consumption**

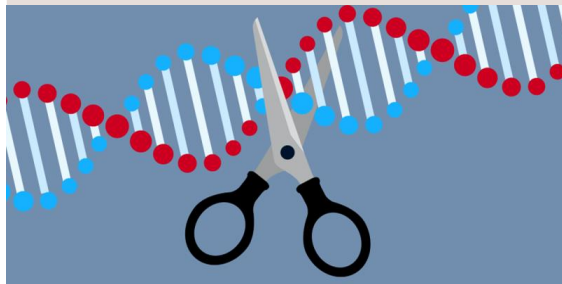
1. Reduced food waste
2. Reusable, recyclable & compostable pkg.
3. Last-mile delivery





# New production methods

## New varieties and breeding methods



### Examples

CRISPR

### Resources

Center for Science in the Public Interest

## Regenerative row crop & animal agriculture



### Examples

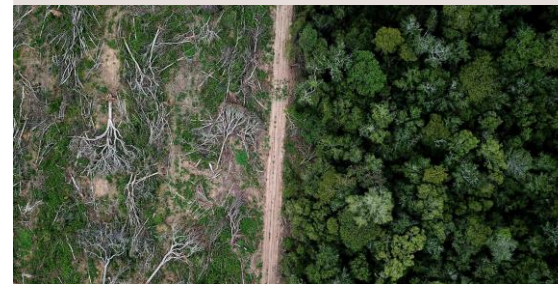
Cover crops

Rotational grazing

### Resources

Field to Market

## Natural capital and ecosystem services



### Examples

Carbon tax

Carbon markets

### Resources

Conservation International

## Indoor agriculture



### Examples

Greenhouses

Vertical farming

### Resources

World Agri-Tech Innovation Summit



# New products

## Alternative proteins



### Examples

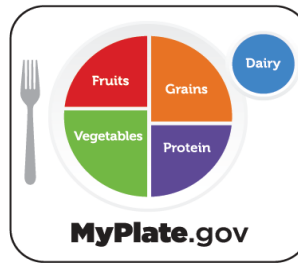
- Plant-based meat
- Cultured meat

### Resources

Good Food Institute

## Healthy product formulation

Nutrition Facts	
About 13 servings per container Serving size 6 crackers (30g)	
Amount per serving	
<b>Calories</b>	<b>120</b>
<b>% Daily Value*</b>	
Total Fat 3.5g	4%
Saturated Fat 0g	0%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 150mg	7%
Total Carbohydrate 20g	7%
Dietary Fiber 3g	11%
Total Sugars 0g	
Includes 0g Added Sugars	0%
Protein 3g	6%
Vitamin D 0mcg	0%
Calcium 30mg	2%
Iron 0.7mg	4%
Phosphorus 100mg	2%



### Examples

- Product reformulation
- Personalized nutrition

### Resources

US FDA



# Sustainable consumption

## Reduced food waste



### Examples

Fresh operating systems  
Shelf life extension

### Resources

ReFED

## Reusable, recyclable & compostable packaging



### Examples

Reusable packaging  
Compostable packaging

### Resources

Sustainable Pkg. Coalition

## Last-mile delivery



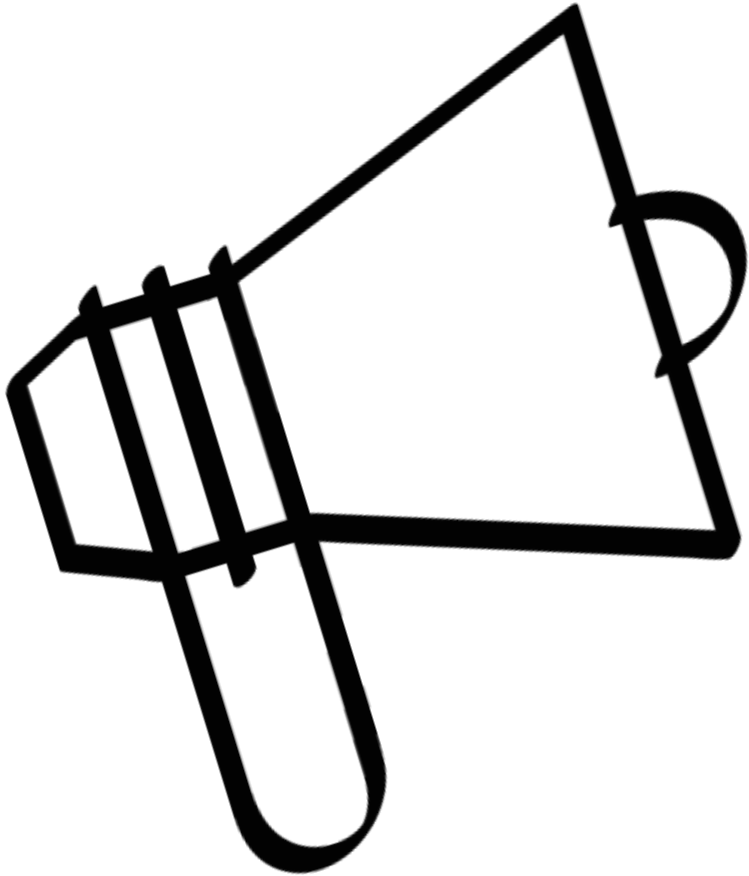
### Examples

Microfulfillment centers  
Autonomous transport

### Resources

Feeding America

# Call to action



- Incorporate sustainability into your job
- Advocate internally for commitments, action and accountability
- Continue learning

# Sustainability Affects the Whole Organization



## Flexible Sourcing

Finding the right suppliers and getting new sourcing relationships off the ground is crucial.

## Internal Collaboration

You can't afford confusion and delay when your teams need to work together. Especially when you're trying to bring a new or reformulated product to market.



## Supplier Collaboration

Email is old school, digital tools for real time collaboration with suppliers can remove one of the biggest roadblocks to sourcing and innovation.

# Supplier Management with Market Hub



## Central Repository

A central repository to see all supply chain information in one place



## Supplier & Item Compliance

Clarity and visibility on the compliance status for every supplier and item



## Configurable Dashboards & Reports

Data is extracted from documents and transformed into configurable dashboards



## Cut Audit Prep

Cuts audit preparation time from weeks to hours with immediate documentation and data access



## Powerful Sourcing Directory

Find suppliers, items, and services based on organic, non-GMO, and more



## Rapid Supplier Approval

Fast supplier approval with immediate access to required documentation

# Attract New Business with Market Hub

Get your business in front of potential customers in the food, beverage, and CPG industry.



## Established Network

Take advantage of the industry's largest network which includes 40% of the Top 100 Food & Beverage companies.



## Improved Customer Communications

Provides a networked platform that connects CPG industry brands and suppliers for collaboration and transparency.



## PostOnce<sup>®</sup> Technology

Suppliers can submit information, documentation, and online forms to all customers at once.

# New Product Development & Reformulation

## Getting Started:

- ✓ Find and Source New Ingredients and Suppliers
- ✓ Qualify Suppliers
- ✓ Data Entry into System of Record
- ✓ Conduct Regulatory & Safety Checks
- ✓ Verify Label and Packaging Claims
- ✓ Compare Iterations Side-by-Side





# TraceGains Formula Management Features

Digital Formula Management to Keep Pace with Consumer Demand



## Ingredient Mass Updates

Run simulations to remove or replace an item across all recipes



## Rapid Formula Iteration

Create unlimited recipe variants with side-by-side, on-screen comparison



## Configurable Reports

View formula cost estimates, allergens, nutrition profiles, & more



## Formula Traceability

Trace component ingredients and raw materials to their source



## Intermediate Formulas

Quickly update multiple finished goods formulas and report changes



## Allergen Management

Compare the impact of item replacement on recipes



## Networked Platform

Organize and digitizes all relevant formula and recipe data



## Change Management

Get notified when formulas or recipes change



## Digital Audit Trail

Digitally Track ingredient details for a complete audit trail

# TraceGains Specification Management

Author, publish, and update raw material and finished goods specifications with suppliers and co-manufacturers

- ✓ Seamlessly Share Data
- ✓ Drive Department & Supply Chain Collaboration
- ✓ Co-Author New Specifications
- ✓ Partner to Refine Existing Specifications
- ✓ Work from the Correct Specifications
- ✓ Maintain Specification Standards
- ✓ Safely Bring New & Reformulated Products To Market Faster!



# Networked Specs in 5 Easy Steps

1

Connect to your supplier and item in TraceGains Network, for instant access to documentation and data and use it to auto-populate configurable spec templates.

2

When you're ready for input from a supplier, they receive an alert to act.

3

The supplier authors or edits fields, adds comments, attaches documentation, or approves/ declines the specification.

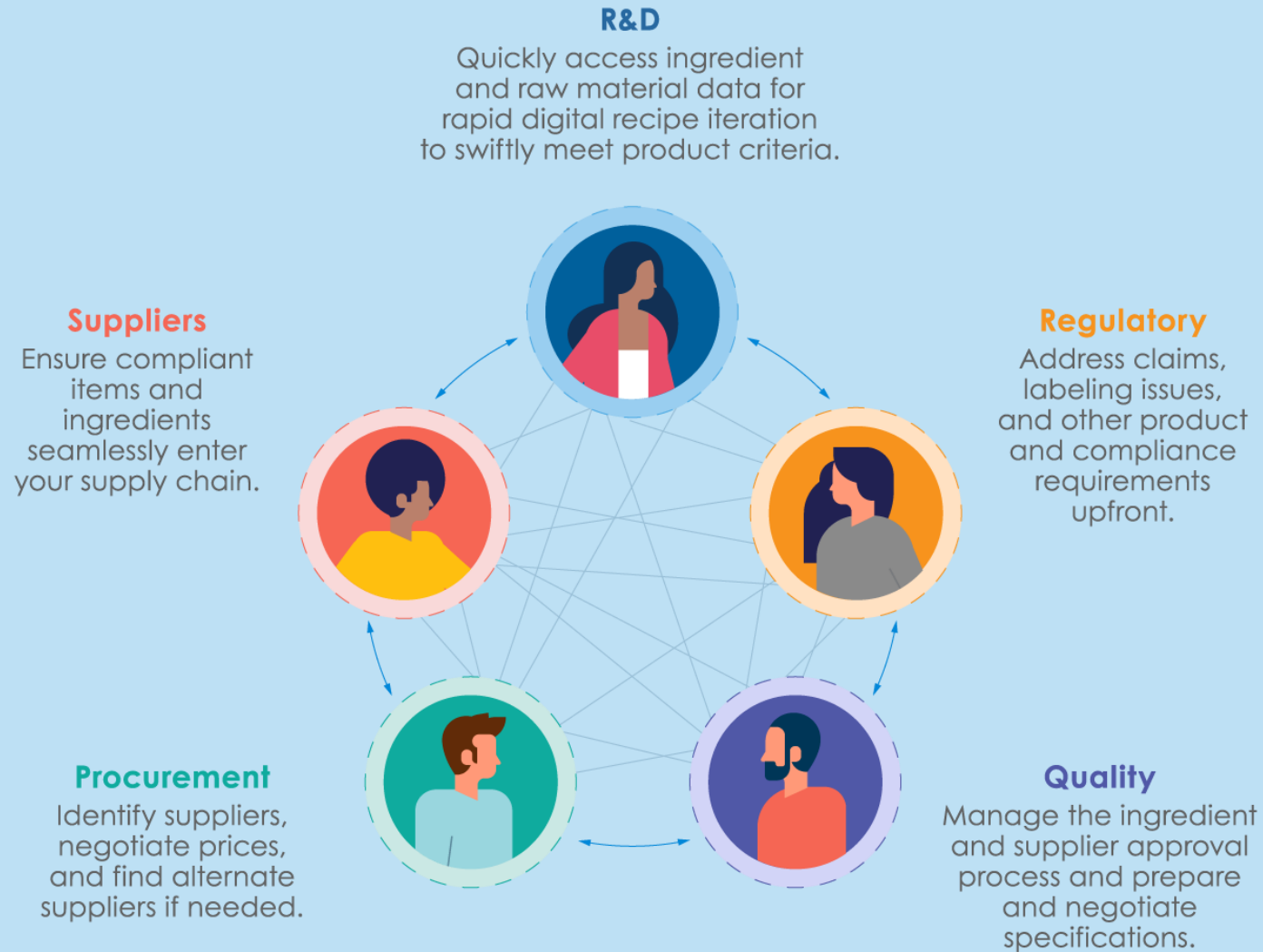
4

When the supplier is finished responding to your request, you receive an alert to act.

5

You can review it and when you're ready to sign off, you can lock down the spec and publish it.

# TraceGains Connects Departments with Suppliers so Teams can Work Smarter



# Live Q&A



Thank You  
Plug In. Go Faster.