



**All Together Now:** Supply Chain Trends  
and Tools in Climate Mitigation

16 October 2019





a project of



**COMMIT. ACT. IMPACT.**

# Climate Collaborative Commitment Areas



Integrate carbon farming into the agricultural supply chains



Increase energy efficiency



Reduce food-waste in the supply chain



Remove commodity-driven deforestation from supply chains



Responsible engagement in climate policy



Reduce the climate impact of packaging



Commit to 100% renewable power



Reduce short-lived climate pollutant emissions



Reduce climate impacts of transportation

# How to commit



TAKE ACTION

BLOG

MEDIA & RESOURCES

EVENTS

ABOUT

DONATE



More companies are taking action to reverse climate change than ever before. They're tackling this global challenge not only because it's essential to the future of our planet but also because doing so offers tremendous opportunities for growth, job creation, and prosperity.

Companies can help reverse climate change by making a commitment to one or more of these initiatives.

## WHY TAKE ACTION?

Climate change is both the greatest threat our planet has ever faced

**MAKE A COMMITMENT**

**SIGNUP FOR UPDATES**

Add Your Email Address



# How many companies have committed?

Justin's



gaia  
HERBS

444

Companies  
Committing to Action

1710

Commitments



Community  
FOOD CO OP



Veritable  
Vegetable

NUMI  
ORGANIC TEA

REBBL

seventh  
generation.



MegaFood  
Fresh From Farm To Tablet™

nutiva  
NURTURE VITALITY™

HappyFAMILY  
ORGANICS

Stonyfield  
ORGANIC



# THANK YOU TO OUR DONORS!

Alter Eco	Gaia Herbs	MOM's Organic	Plum Organics
Annie's	General Mills	Market	Pluot Consulting
Associated Labels and Packaging	Good Earth Natural Foods	Mountain Rose Herbs	Presence Marketing
Aurora Organic Dairy	GreenSeed Contract Packaging	National Co+op Grocers	REBBL
California Olive Ranch	Griffith Foods	Natural Habitats	Rogue Creamery
Cheer Pack	Guayaki	Nature's Path	Safe Sterilization USA West
Clif Bar & Company	Happy Family	New Hope Network	Sambazon
Connective Impact	Harmless Harvest	New Morning Market	Stonyfield
Danone North America	INFRA	Numi	Straus Family Creamery
Decker and Jessica Rolph	Justin's	Nutiva	Studio Fab
Dr. Bronner's	KeHE	Oregon's Wild Harvest	Sweet Additions
Eatsie.us	Lotus Foods	Organic India	Tiger Cool Express
Foodstirs	MegaFood	Organic Valley	Traditional Medicinals
		Outpost Natural Foods	Trayak
		Patagonia	

# Our Speakers



**Moderator: Lisa Spicka**  
*Associate Director*  
**Sustainable Food Trade Association**  
(SFTA)



**Verena Radulovic**  
*Senior Program Manager*  
**EPA Center for Corporate Climate Leadership**



**Rebecca Hamilton**  
*Owner & Co-CEO*  
**W.S. Badger Company**



**Carolina Leonhardt**  
*Sustainability Project Manager*  
**Clif Bar & Company**



# Coming Up



- Trends in Climate Management
- Building the SC Business Case
- Tools



- Overview of Sustainability Program
- Building Supply Chain Relationships



- Sustainability Pillars
- 50/50 by 2020 Program



# Trends in Supply Chain GHG Management & EPA Tools and Resources

The Climate Collaborative  
Webinar

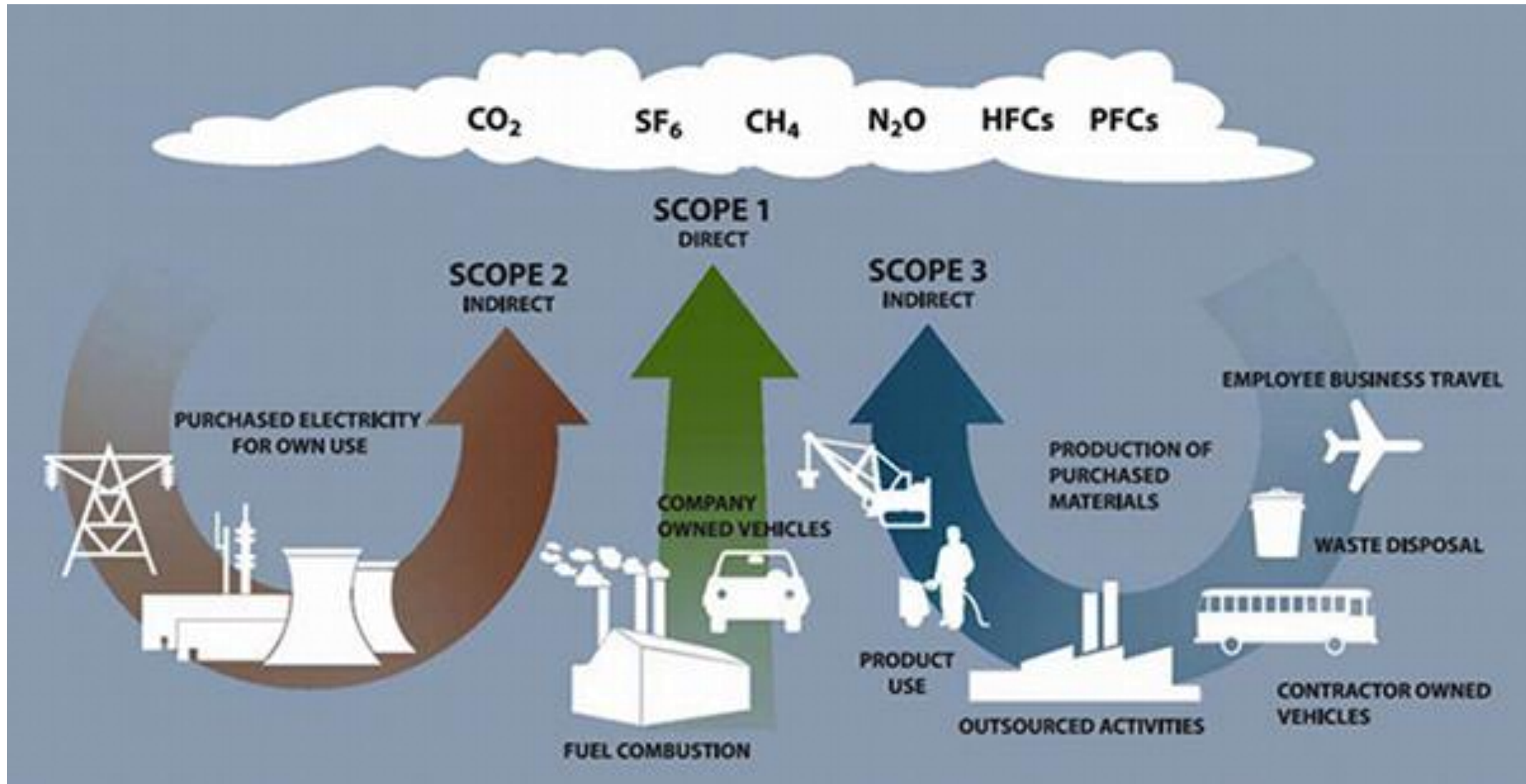
October 16, 2019



# About

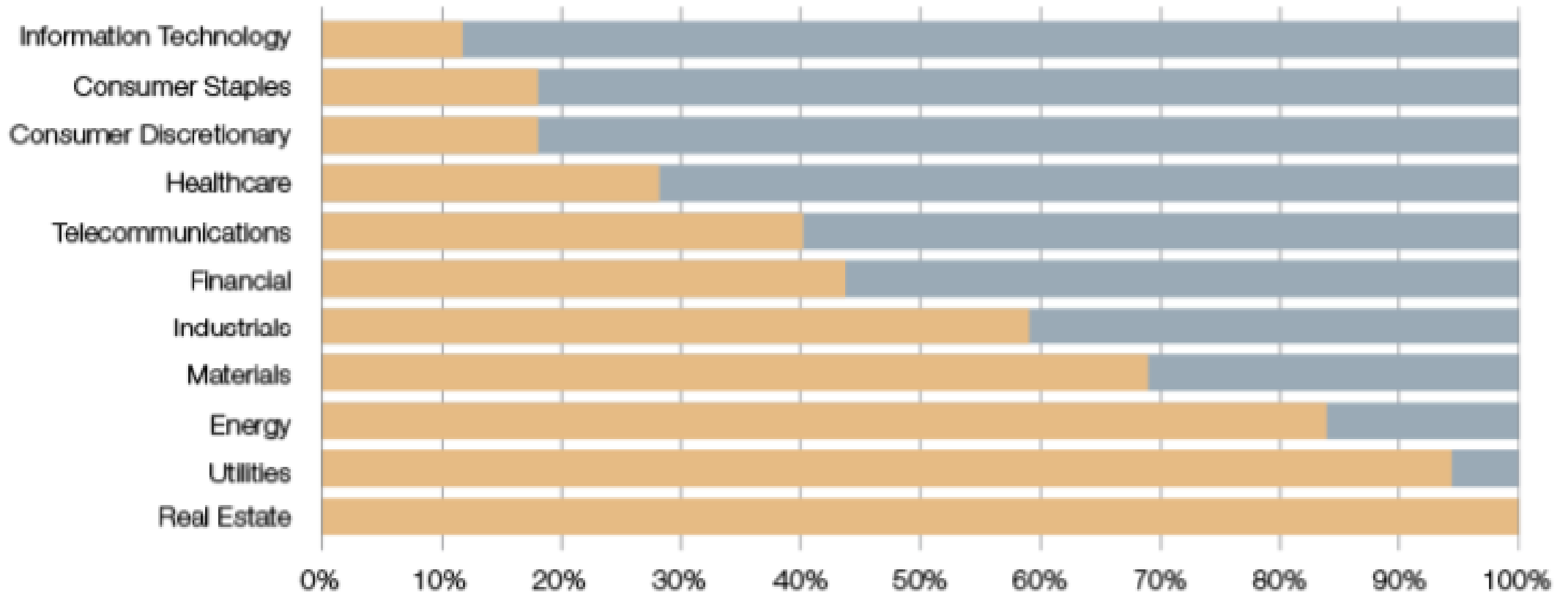
- Companies demonstrate corporate climate leadership when they embed GHG management into mainstream business practices and reduce GHG emissions from their operations, electricity purchases and across their entire upstream and downstream value chains
- EPA's Center for Corporate Climate Leadership builds institutional capacity such that corporations measure and reduce their GHG emissions across the economy
- The Center offers publicly available tools and guidance for GHG accounting, goal setting, emissions reductions.

# Corporate GHG accounting framework



# Supply Chain GHG emissions

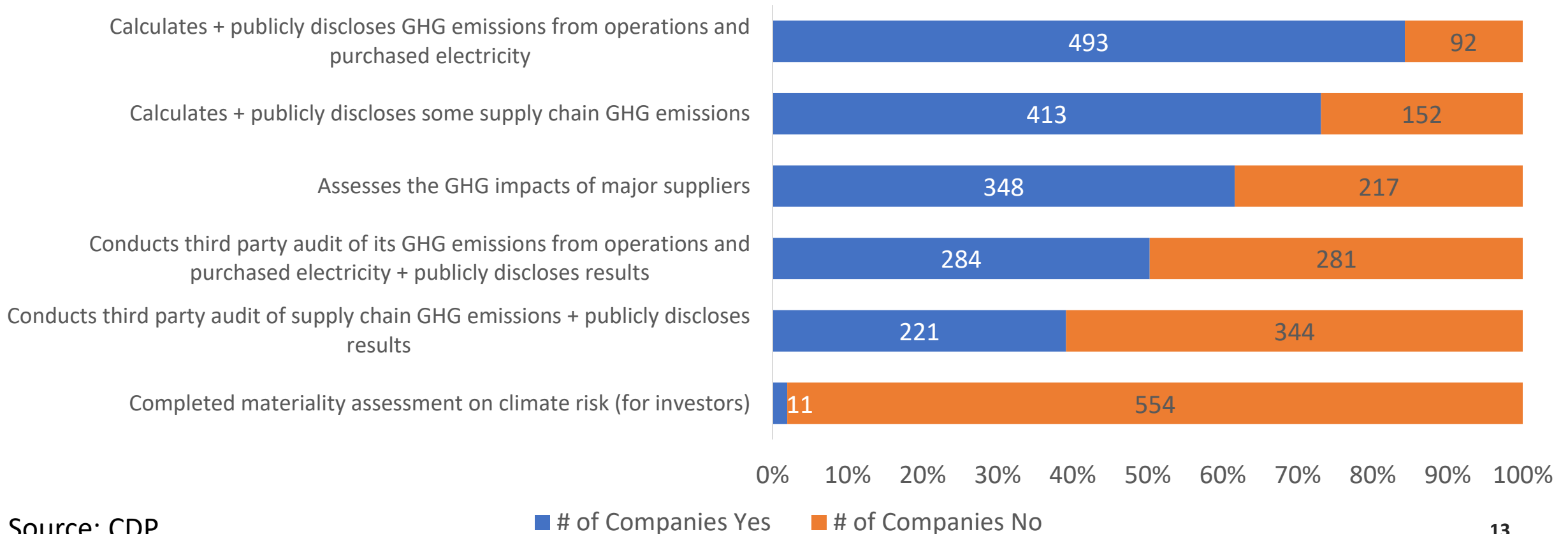
Operational vs. Supply Chain Emissions



Source: "Missing link: Harnessing the power of purchasing for a sustainable future." CDP. 2017.  
<https://www.bsr.org/reports/Report-Supply-Chain-Climate-Change-2017.pdf>

# Current trends: GHG accounting + supply chain

Trends in corporate GHG inventorying and reporting  
Dataset of 565 Fortune 500/S&P500 companies  
2018 data analyzed Summer 2019



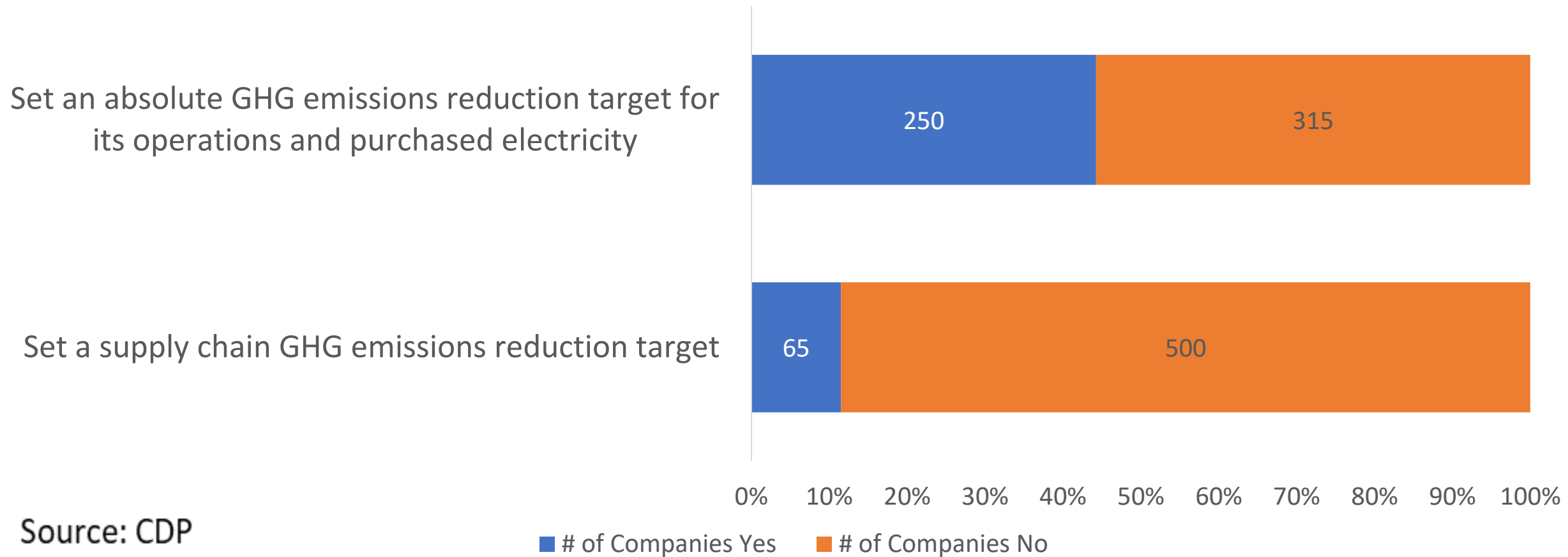
# Increased focus: Supply chain GHG reductions

- Science based targets (SBT) initiative
  - Developed by WRI, WWF, WBCSD
  - Companies reduce GHGs to stay within 1.5 degrees
  - Several hundred companies have committed to setting a SBT.
  - Companies must develop a Scope 3 inventory to set an SBT
  - If Scope 3 emissions comprise more than 40% of the total inventory, companies must include supply chain emissions as part of their SBT



# Current trends: Goal setting + supply chain

Trends in Corporate Goal Setting to Reduce GHG Emissions  
Dataset of 565 S&P500/Fortune 500 companies



Source: CDP



# Market drivers to reduce supply chain GHGs

- Reduce risks associated with climate change that cascade across supply chain
  - Physical Risk
  - Reputational Risk
  - Regulatory Risk
- Respond to growing demand
  - Institutional purchasers asking for more sustainable products
  - Individual consumers increasingly scrutinizing companies' environmental performance
  - Employee retention as younger employees asking companies take action
  - Investors asking companies to disclose climate risk





# Current barriers

- Mid-size and smaller companies— many who are key suppliers to leading companies-- lack of resources and management support to conduct inventories, set goals, execute on GHG reductions
- Companies lack a simple way to benchmark basic climate leadership efforts against peers and across sectors, making it more difficult--especially for companies newer to sustainability— to garner internal management support for accounting, goal setting, and GHG reductions



# The Center: Supply chain guidance

## **Guidance:** Emerging Trends in Supply Chain Engagement

- Why engage suppliers? Building internal support
- Building awareness and gathering data
- Empowering action: reducing supply chain emissions

**“Our supply chain is crucial to our final product.**

**We share our best practices with our suppliers, because when they succeed, we all succeed”**

*– Jacklyn Watt, Director of Supply Chain Sustainability, Ford Motor Company*

**“Sometimes smaller suppliers feel that this [environmental management] is an extra cost, so we endeavor to help them appreciate that this is entry into doing business in the twenty-first century and that as our own experience has shown, good environmental management is good for business.”**

*- Louis R. Ferretti, Project Executive, Product Environmental Compliance & Supply Chain Social Responsibility, IBM*

# The Center: Supply chain resource

## **Resource:** Simplified GHG questionnaire for suppliers

- Can be leveraged or used as a starting point for CDP supply chain reporting
- Provides suppliers who are less familiar with GHG accounting with an intro to GHG accounting questions from customer standpoint



The following questions are intended to be a starting point to help customers understand their supplier's greenhouse gas emissions for use in quantifying Scope 3 emissions, developing targets, or quantifying and mitigating risk. Please fill out all questions below to the best of your ability. Detailed instructions are provided in the companion instruction document.

<b>Background Information</b>	
Company Name: <a href="#">Click here to enter text.</a>	Date: <a href="#">Click to enter date.</a>
Number of Employees: <a href="#">Click here to enter text.</a>	
Contact Name: <a href="#">Click here to enter text.</a>	Title: <a href="#">Click here to enter text.</a>
Contact Email: <a href="#">Click here to enter text.</a>	Contact Phone: <a href="#">Click here to enter text.</a>
<b>Environmental Policy and Targets</b>	
Do you have a sustainability/environmental/green policy statement? Yes <input type="checkbox"/> No <input type="checkbox"/>	

# Recap: The Center's GHG inventory resources

## GHG Measurement Tools

- [GHG Emission Factors Hub](#)
- [Resources for Low Emitters](#)
- [Simplified GHG Emissions Calculator](#)
- [GHG Inventory Summary & Goal Form](#)
- [GHG Goal Setting](#)
- [GHG Reduction Programs and Strategies](#)



**Step 1:** Select an operational or financial approach to define your organizational boundaries. The [Small Business and Low Emitter Guide to Greenhouse Gas Management](#) explains how to approach measuring GHG emissions, instructions for using the GHG Calculator and how to complete the Inventory Management Plan.



**Step 2:** Calculate GHG emissions using the [Simplified GHG Emissions Calculator](#). Additional [guidance](#) is available for measuring emissions from onsite combustion, purchased electricity, refrigeration, and air conditioning.

- [Tips for Developing a GHG Inventory](#)



**Step 3:** Document development of a GHG inventory to ensure consistency as your organization collects data each year to track progress toward reaching an emissions reduction goal using the [Simplified Inventory Management Plan Form](#) (14 pp, 284 K, August 2010) .

# The Center: GHG reductions via EPA partnerships

- The Center serves as a comprehensive portal for sustainability directors to assess broadly GHG reduction opportunities for their companies and which EPA programs can help
- GHG reduction efforts include:
  - Energy efficiency: products and facilities
  - Renewable energy purchases
  - Process efficiencies
  - Combined Heat and Power





# Recent supply chain developments

- Corporations helping their suppliers access renewable energy
- Smaller suppliers in the U.S. creating renewable energy PPAs with other companies to leverage economies of scale
- Suppliers responding to product sustainability procurement standards
- Retailers seeking to stock products with a lower GHG emissions footprint



# Contact

Verena Radulovic

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<https://www.epa.gov/climateleadership>



# Badger's Sustainability Program

who CARE  
about each other

the ways Badger SUPPORTS our FAMILIES

REGENERATIVE  
agriculture that  
HEALS the EARTH

the babies  
who come  
to work  
WITH US

the organic  
LUNCHES  
we eat  
TOGETHER  
every day

FUN + friendships

CLIMATE  
advocacy & action



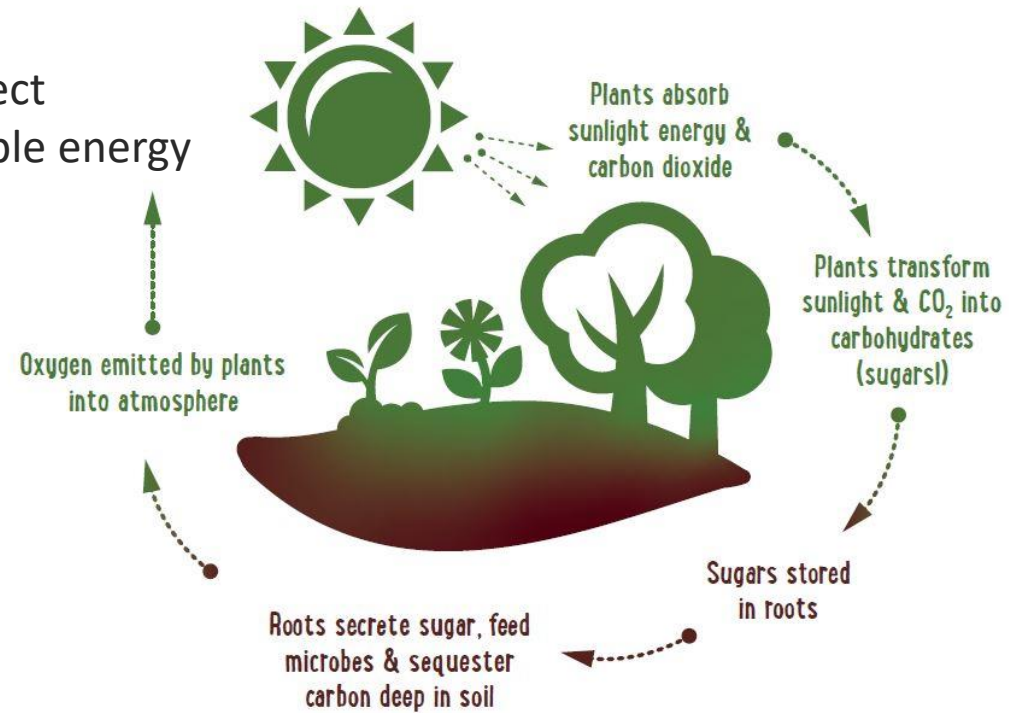




## Overview

### Site specific climate action

- Onsite regenerative project
- Onsite solar and renewable energy
- Save every drop





## Building Supply Chain Relationships to Catalyze Climate Action





# How to identify strategic supplier partnerships Using supplier summits to catalyze action

1st Summit - Align on Common Goals

2nd Summit - Identify more specific environmental goals

3rd Summit - Review goals set, measurement, progress





## Top 4 Takeaways

- Relationships come first
- Relationships and influence are a slow build
- Must “walk your talk”/be the experts
- Align on common interests





All Together Now  
*Supply Chain Trends and Tools  
in Climate Mitigation*

Carolina Leonhardt  
Sustainability Project Manager

# CLIF BAR & COMPANY

- Organic energy food
- Family and employee-owned
- HQ in Emeryville, California
- Bakeries in Idaho & Indiana



OUR

# FIVE

# ASPIRATIONS





# What Goes into a Clif Bar?







## BUILDING THE MOVEMENT



*Partnerships and commitments  
provide structure, guidance and  
community.*





**CLIMATE**  
**COLLABORATIVE™**  
*Commit. Act. Impact.*





Green Power  
for Clif facilities



Reducing emissions  
from shipping and  
transitioning to EVs



Setting targets  
and reporting  
progress



Supporting strong  
climate policy



# GREEN POWER



# WE TREAT ENERGY LIKE AN INGREDIENT



Why are we using clean, renewable energy at our bakeries?  
"At Clif Bar, we treat energy like an ingredient. We want all of the ingredients that go into our food to be good for people and the planet. Clean energy means cleaner air, cleaner water and a healthy climate for everyone."

- Elysa Hammond  
VP Environmental Stewardship  
Clif Bar & Company



This solar farm has over 5,000 individual solar panels installed across 18 ground-mounted arrays and 5 solar carports. At peak production this system will generate 2 megawatts of electricity and, annually, will produce 3,000,000 kWh of clean energy for our bakery. **This is equal to the electricity used by nearly 300 average homes a year.**



The solar panels perform well in cold weather and even when it is cloudy. At nightime and when more energy is needed than the solar farm can produce, the bakery is supplied by power from the grid including Idaho wind power.



**100% Green Power**  
Clif Bar is committed to using 100% clean, renewable electricity. For the electricity that we don't generate on-site, Clif Bar purchases wind and solar energy credits (IRECs).



Our investment in this solar farm will help Clif Bar save money on electricity for the next 25 years and share the **ecological and economic benefits** with our employees, the community and the environment.





## GREEN SUPPLY CHAIN

*50 supply chain facilities  
using 50% or more green  
power for the electricity  
used to make Clif products*



**We offer:**

- Free, expert consulting
- Awards & Recognition

**44 facilities = 15 MW Solar Capacity Equivalent**



# EMPOWERING OUR PEOPLE





## SOME TAKEAWAYS

- Partnerships provide structure, guidance and community
- Go in 50/50 and recognize supplier achievements
- Think beyond the typical supply chain





**Carolina Leonhardt**

# Discussion



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