

CHEMICAL FOOTPRINT PROJECT

2021 SURVEY RESULTS
OUR SIXTH ANNUAL REPORT

SETTING BOLD CHEMICAL FOOTPRINT REDUCTION GOALS

<https://www.chemicalfootprint.org/resources/entry/6th-cfp-report>

cfp the chemical
footprint project



Solutions for a safer & healthier tomorrow



BIZNGO FOR
SAFER CHEMICALS &
SUSTAINABLE MATERIALS



INVESTOR
ENVIRONMENTAL
HEALTH NETWORK



GREENSCREEN
FOR SAFER
CHEMICALS



CHEMICAL
FOOTPRINT
PROJECT

Speakers

Roberto Bertin

Global Sr. Manager,
Sustainability,
Strategic Initiatives
Walmart & Sam's Club



Jennifer Reece

Global Lead of
Sustainable Materials
Innovation,
HP Inc.



Mark S. Rossi

Executive Director,
Clean Production Action



Caroline Boden

Director of
Shareholder
Advocacy,
Mercy Investment
Services, Inc.



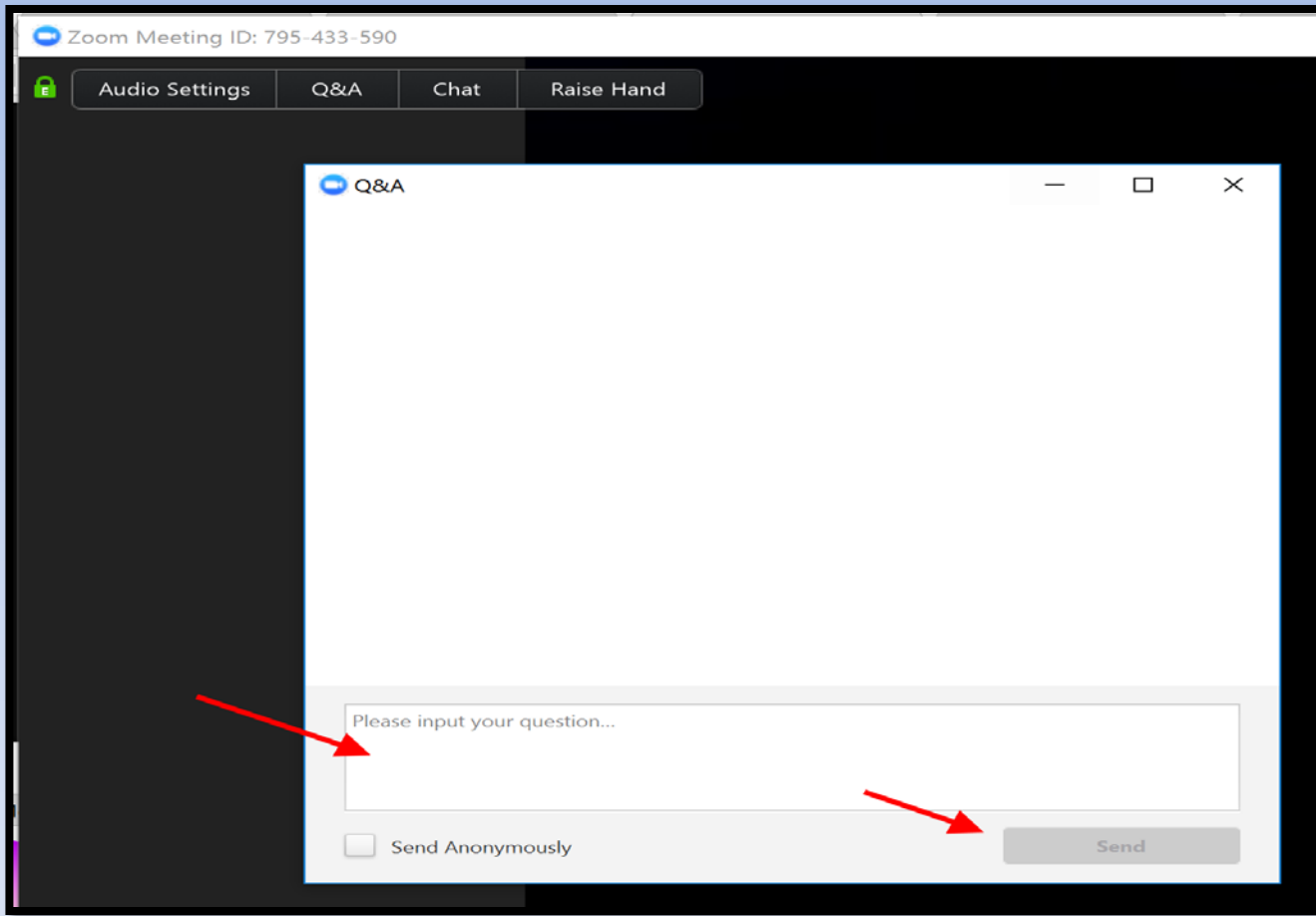


Learning Objectives

- **Chemical footprint reduction goals:** value of setting quantitative goals & measuring progress
- **Chemical Footprint Project (CFP) Survey:** how companies and investors utilize the Survey and value proposition
- **Chemical footprint transparency:** what investors want to see from companies
- **CFP 6th Report:** key findings & next steps



Zoom Protocol



- **Recorded:** webinar will be recorded and made available at chemicalfootprint.org
- **Ask Questions:** type your questions into chat or Q&A

Mercy Investment Services, Inc: An environment with increasing regulation

Download Profile

The Chemical Footprint Project and its annual survey have become the gold standard for providing a framework for companies to develop a comprehensive approach to safer chemicals."

In an environment with increasing chemical regulation and market demand for safer chemicals, investors require clear, comparable information to assess company strategies for evaluating progress toward the use of safer chemicals. Mercy Investment Services' engagements with retailers and manufacturers on the issue of safer chemicals management center on the goal of ensuring that corporate policies and practices support the long-term safety and health of both consumers and the environment.

<https://www.chemicalfootprint.org/resources/entry/mercy-investment-services-profile>



Outside the Safe Operating Space of the Planetary Boundary for Novel Entities

Linn Persson,* Bethanie M. Carney Almroth, Christopher D. Collins, Sarah Cornell, Cynthia A. de Wit,* Miriam L. Diamond, Peter Fantke, Martin Hassellöv, Matthew MacLeod, Morten W. Ryberg, Peter Søgaard Jørgensen, Patricia Villarrubia-Gómez, Zhanyun Wang, and Michael Zwicky Hauschild

Cite This: *Environ. Sci. Technol.* 2022, 56, 1510–1521

Read Online

Outside the Safe Operating Space of a New Planetary Boundary for Per- and Polyfluoroalkyl Substances (PFAS)

Ian T. Cousins,* Jana H. Johansson, Matthew E. Salter, Bo Sha, and Martin Scheringer

Cite This: *Environ. Sci. Technol.* 2022, 56, 11172–11179

Read Online

“SIGNIFICANT CHEMICAL FOOTPRINT REDUCTIONS ARE NEEDED BY 2030 TO PROGRESS TOWARDS SDGS 3, 6, AND 12. WE ENCOURAGE BUSINESSES TO SET CHEMICAL FOOTPRINT REDUCTION GOALS OF AT LEAST 50% BY 2030 AND ZERO BY 2040.”

3 GOOD HEALTH AND WELL-BEING



6 CLEAN WATER AND SANITATION



12 RESPONSIBLE CONSUMPTION AND PRODUCTION





cfp

the chemical
footprint project



4 Pillars + their Key Performance Indicators (KPIs)



Chemical Inventory



Management Strategy



Footprint Measurement



Disclosure & Verification



CHEMICAL INVENTORY (I)
30 points

#	Topic	Points
I 1	Restricted Substances List (RSL) / Manufacturing RSL	5
I 2	RSL/MRSL Compliance	5
I 3	Data collection	5
I 4	Full chemical ingredient information	5
I 5	Data management	5
I 6	Supplier conformance	5



MANAGEMENT STRATEGY (M)
20 points

#	Topic	Points
M 1	Chemicals policy	8
M 2	Business strategy	4
M 3	External engagement	4
M 4	Accountability	4



FOOTPRINT MEASUREMENT (F)
33 points

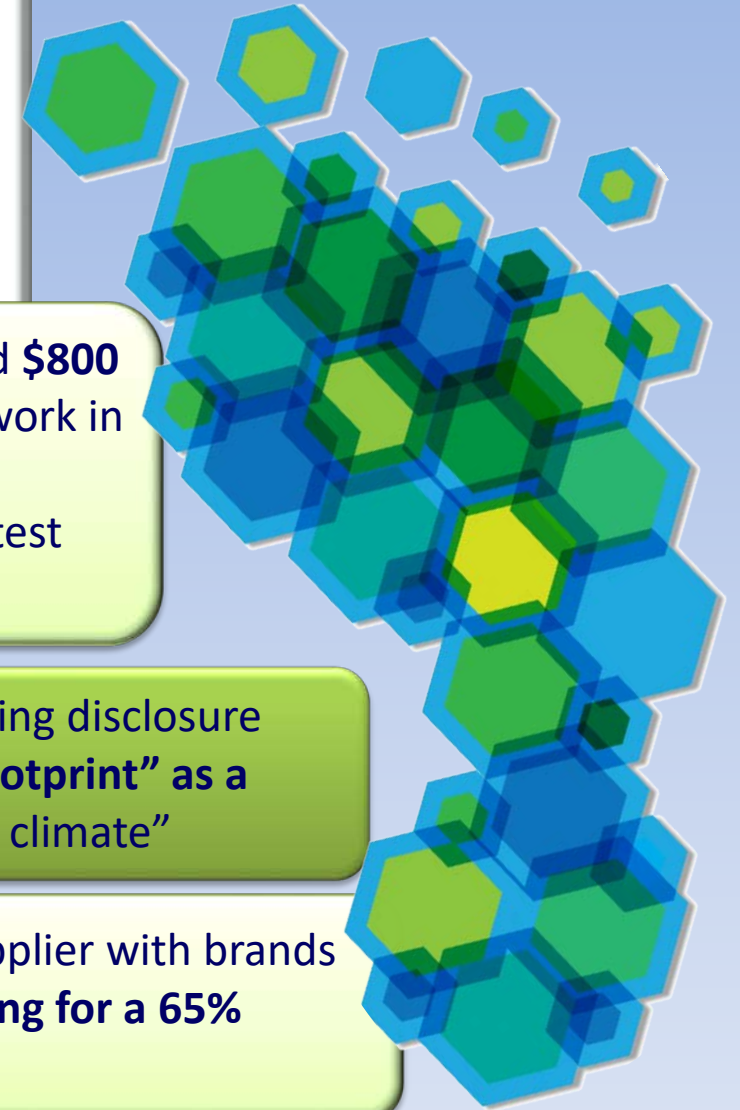
#	Topic	Points
F 1	Footprint reduction goal	6
F 2	Footprint measurement	8
F 3	Footprint change	10
F 4	Hazard assessment	3
F 5	Safer alternatives	6



DISCLOSURE & VERIFICATION (D)
20 points

#	Topic	Points
D 1	Chemical ingredients	8
D 2	CFP responses	3
D 3	CFP score	5
D 4	Verification	4

HIGHLIGHTS FROM THE 6TH CFP REPORT



- **CFP Signatories** representing over **\$2 trillion in assets under management** and **\$800 billion in purchasing power** established the CFP Survey as a leadership framework in shareholder resolutions and benchmarking assessments.
- We **welcome UBS Asset Management & Dollar General Corporation** as our latest Signatories!
- The **US Securities and Exchange Commission (SEC)** in its new proxy voting disclosure requirements for institutional investment managers **listed “chemical footprint” as a reporting requirement** under the broader category of “Environment or climate”
- **Reckitt**, a major consumer goods company and retailer supplier with brands including Lysol, Woolite, and Calgon, announced it is **“aiming for a 65% reduction in our chemical footprint by 2030.”**
- **Companies** with over **\$1 trillion** in annual revenue from **seven business sectors** participated in the 2021 CFP Survey.



In the 6th CFP Survey companies **reported net chemical footprint reductions of 83.4 million pounds/37.8 million kilograms** – equivalent weight of 957 Airbus A320 planes!

Chemicals of High Concern (CoHCs)

- Carcinogens, Mutagens, Reproductive/Developmental toxicants
- Persistent, Bioaccumulative + Toxic (PBT)
- very Persistent + very Bioaccumulative (vPvB)
- Endocrine Disrupting Chemicals (EDCs)
- Substances of equivalent harm



Chemical Footprint of an Organization: total mass of CoHCs:

- Products sold
- Manufacturing operations
- Packaging
- Facilities maintenance & upkeep
- Supply chain

OUR 2021 FRONTRUNNER AWARD WINNERS

OUR 2021 DISCLOSURE LEADER AWARD WINNERS



Insignem



HermanMiller

BEAUTYCOUNTER®



Case Medical



naturepedic®



Grove
COLLABORATIVE

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HermanMiller



naturepedic®



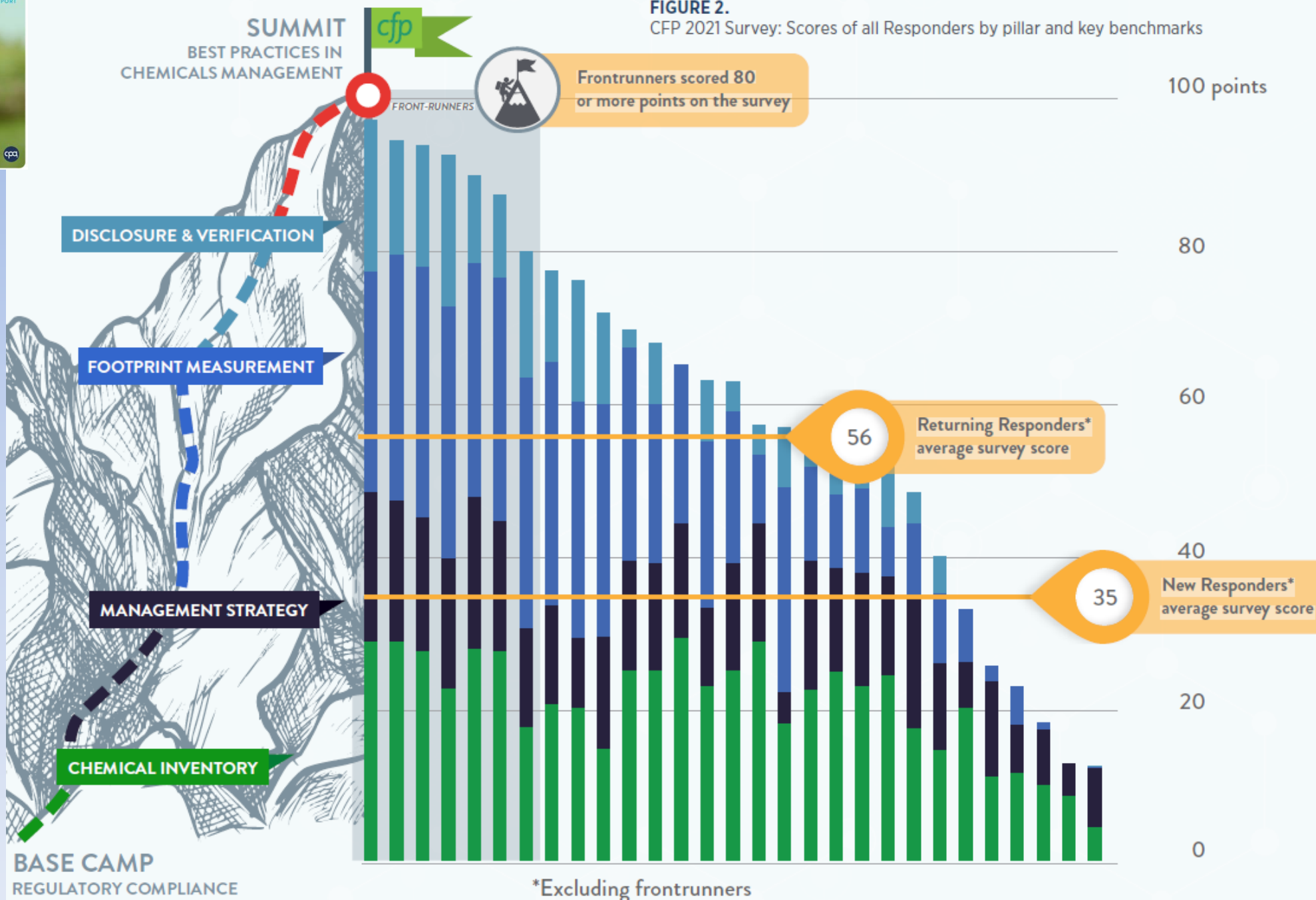
BEAUTYCOUNTER®

Walmart 



Case Medical

See CFP Survey answers & scores at:
<https://www.chemicalfootprint.org/results/companies>





Steps to Best Practices in Chemicals Safety



Create a **restricted substances list (RSL)** or **manufacturing RSL (MRSL)**
(Chemical Inventory Pillar)



Know **chemicals in products** and **engage suppliers** (Chemical Inventory Pillar)



Develop company-wide **chemicals management policies** beyond regulatory compliance (Management Strategy Pillar)



Demonstrate action and change with **chemical footprint goals, measurement, and reductions, & safer solutions** (Footprint Measurement Pillar)



Be transparent – share where your company is at on the journey to safer chemicals (Disclosure & Verification Pillar)



2021 RESULTS

THE CHEMICAL INVENTORY PILLAR (I)



BEAUTYCOUNTER®

 Herman Miller

NATUREPEDIC®

RSLs/MRSLs
WERE THE
MOST
POPULAR
ACTION
IN THE
SURVEY

Walmart 



BEST PRACTICES, CHEMICAL INVENTORY

RSLs/MRSLs/PRIORITY CHEMICAL LISTS



2021 RESULTS

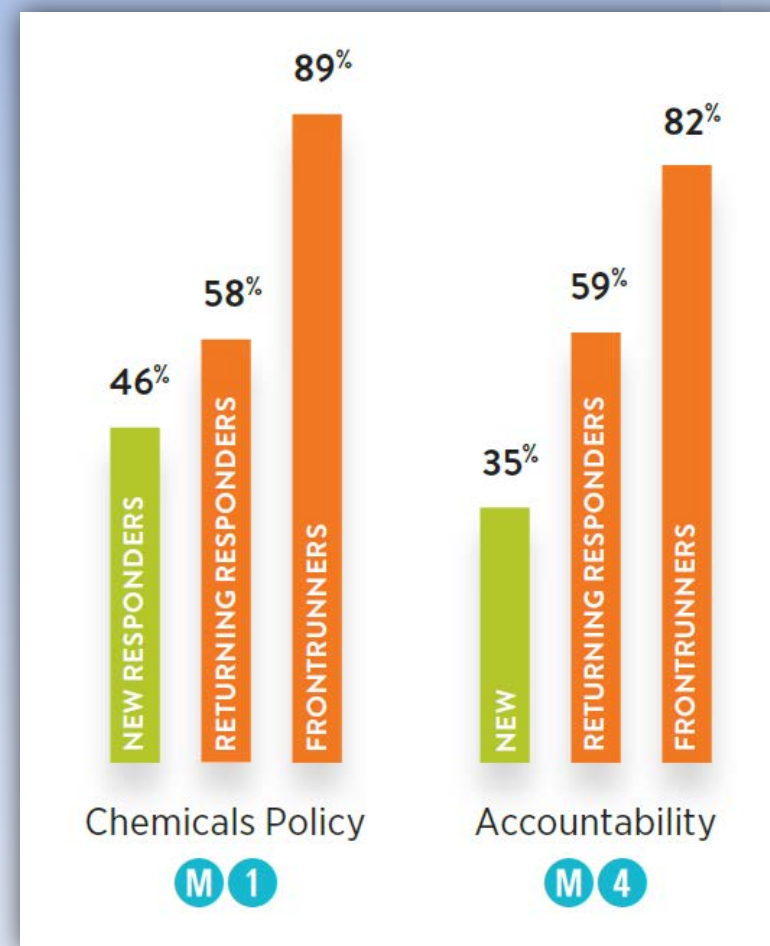
MANAGEMENT STRATEGY PILLAR (M)



“A COMPREHENSIVE CHEMICALS POLICY INDICATES THE CAPACITY AND WILLINGNESS TO SET AND ACHIEVE BOLD CHEMICAL FOOTPRINT REDUCTION GOALS.”

BEST PRACTICES, CHEMICAL MANAGEMENT

**EXAMPLES OF COMPREHENSIVE CHEMICALS POLICIES:
HP AND WALMART**





Today's Agenda

- SUSTAINABLE CHEMISTRY PROGRAM

Walmart's Sustainable Chemistry Program



Transparency



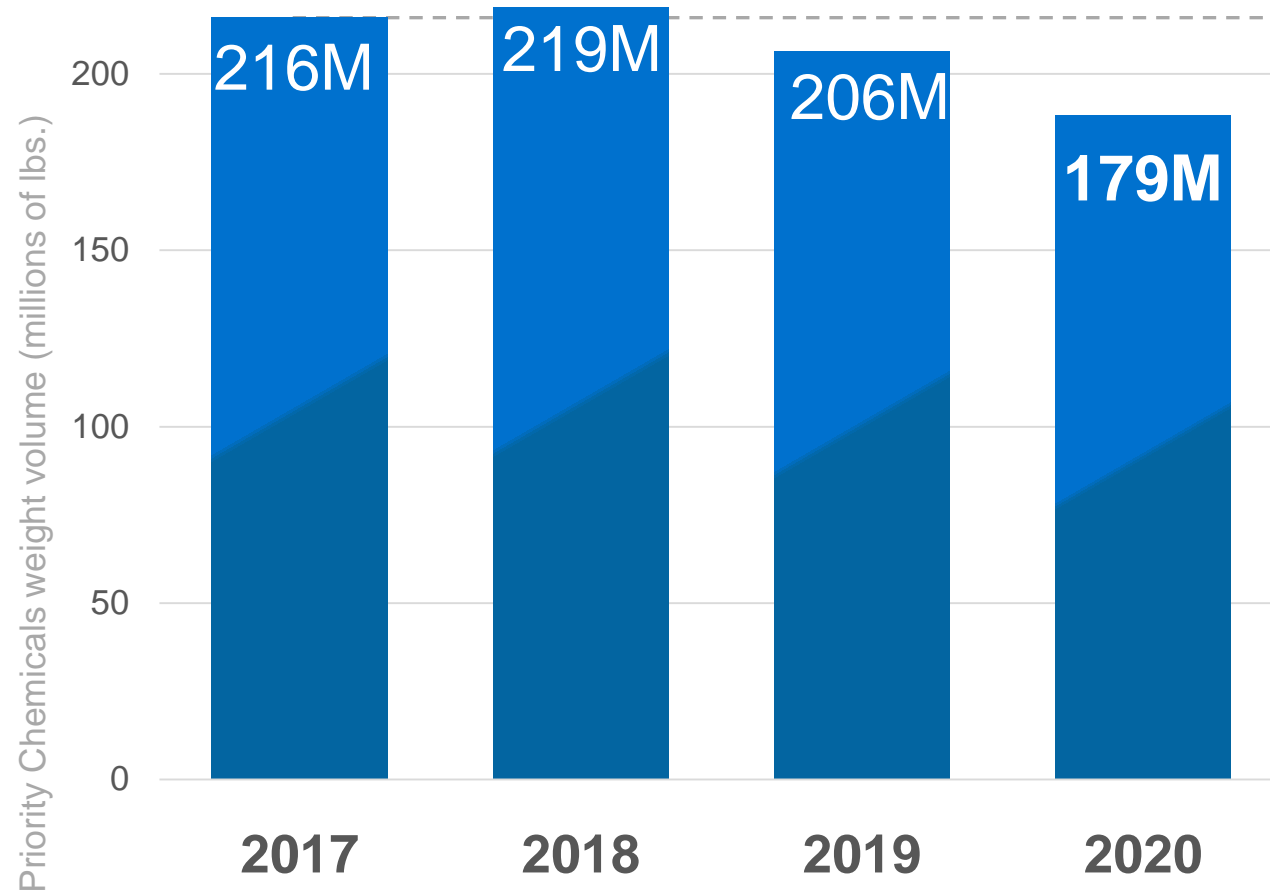
**Advancing safer
formulation**




**Advancing our
assortment**



Priority Chemicals by weight



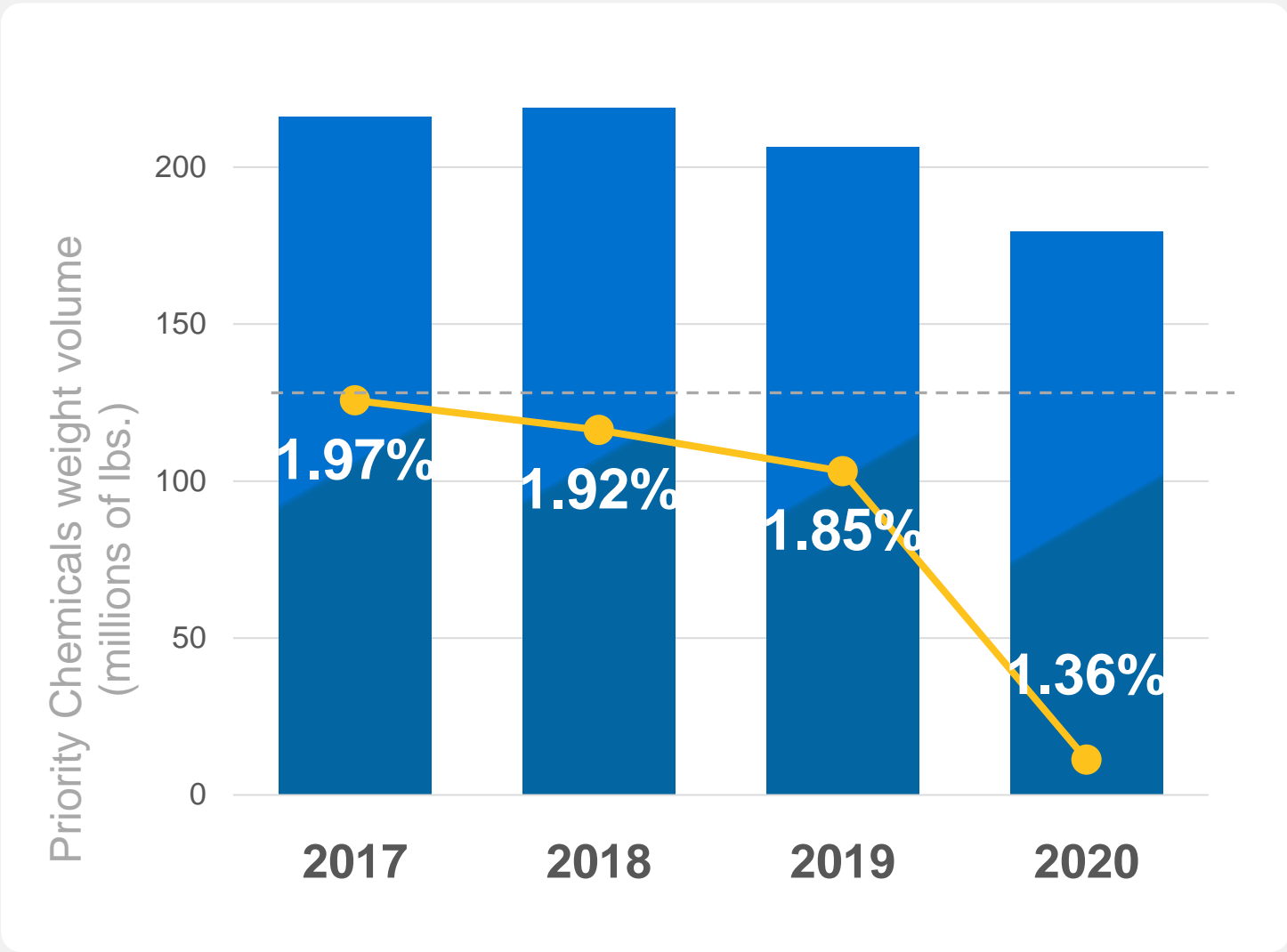
17% reduction*
in weight (volume) of in-
scope Priority
Chemicals in products
sold in 2020

 Lbs. of reduction goal
Priority Chemicals



*Compared to baseline
year



Proportion of Priority Chemicals



Weight of Priority Chemicals as a proportion of total product formulation weight **declined 61 basis points***

-  Amount of Priority Chemicals weight volume
-  Proportion of Priority Chemicals to total weight of in-scope products

*Compared to baseline year



Built for Better

Built for Better

We're committed to helping you live better today & tomorrow.

[*See details](#)



Our pillars



For you

Mindfully made items focused on your family's well-being.



For communities

Products that support where we all live, work & thrive.



For the planet

Find products designed with the planet in mind.



Dishwasher detergent pods – Safer Choice

Pickup & delivery

Walmart.com

Walmart

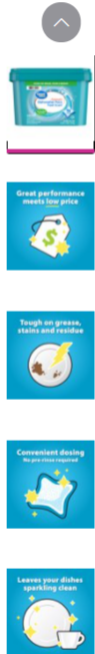
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Household Essentials / Cleaning Supplies / Dishwashing / Dishwasher Detergent



Great Value Automatic Dishwasher Detergent Pods, Base Clean, Fresh Scent, 96 count

★★★★★ (4.4) 553 ratings 260 comments Walmart # 577731982

\$9.48 (9.9 ¢/ea)

Count Per Pack: 96

48

96

Qty: 1

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ROBERTO BERTIN

Global Sr. Manager, Sustainability, Strategic Initiatives

email: roberto.bertin@walmart.com

HP's Responsible chemistry program

Jennifer Reece

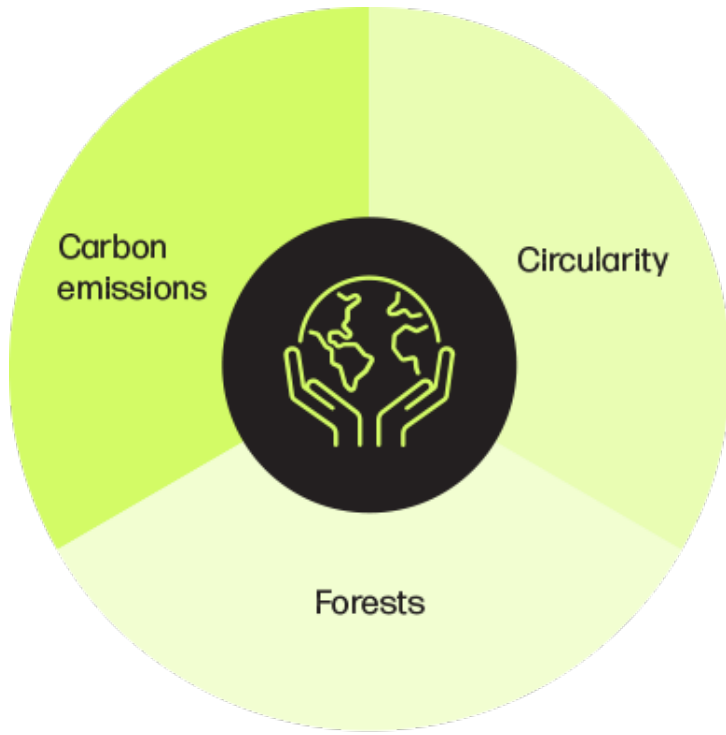
Global Lead of Sustainable Materials Innovation

January 2023



Our Sustainable Impact Strategy

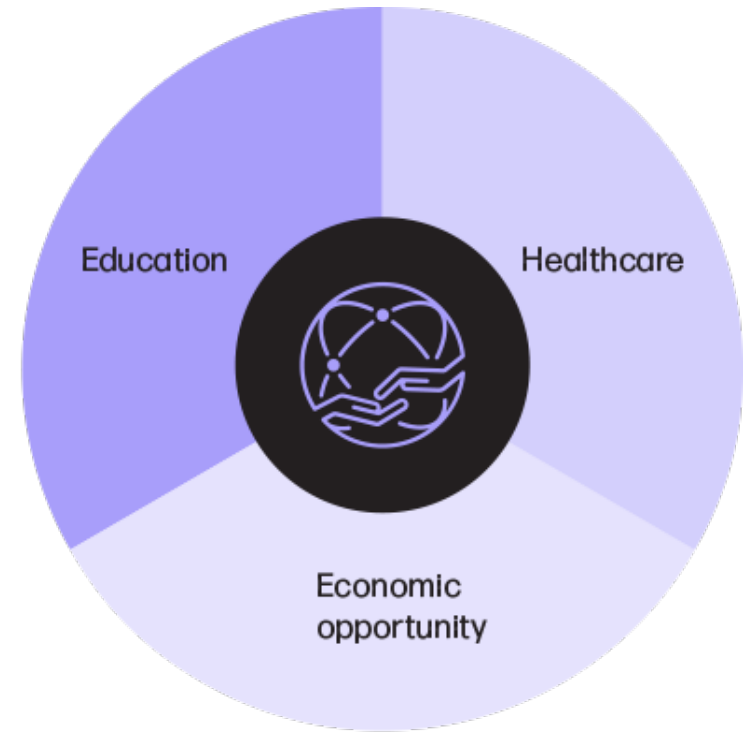
Climate Action



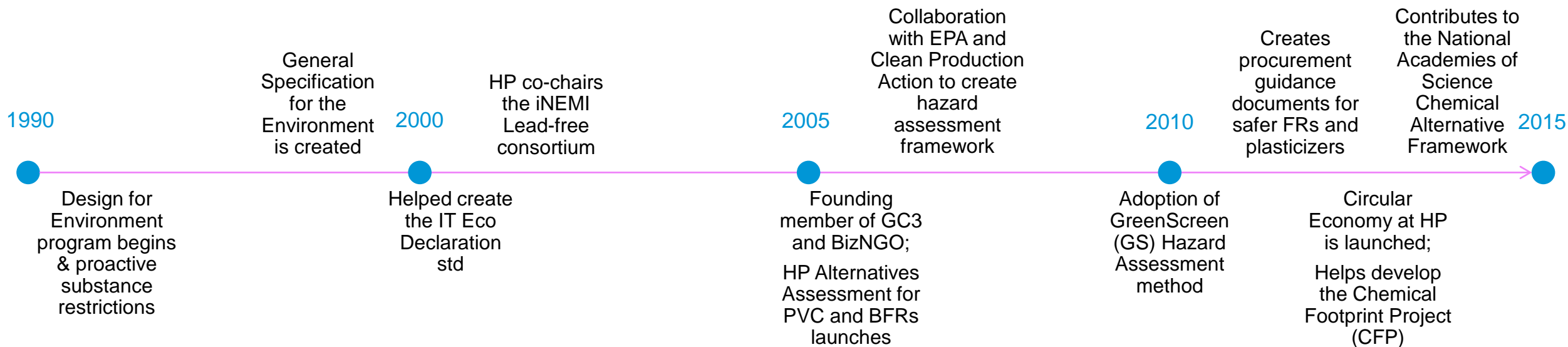
Human Rights



Digital Equity



HP Responsible chemistry timeline



HP Responsible chemistry timeline

2015

Joins Clean Electronics Production Network (CEPN)

Materials & Chemical Management Policy published

Donates alternatives assessment guide to industry (via CEPN)

2020

Sets a goal to achieve 75% Circularity goal for products and packaging by 2030

2025

Successfully advocated to have TCO Certified require the use of GS

GreenScreen® incorporated into EPEAT standard for PCs as a result of HP proposal.

HP ranked #3 in CFP survey; Helped CEPN create a chemical prioritization framework

HP recognized as a frontrunner and disclosure leader in CFP survey

Commits to the CEPN Toward Zero Exposure program



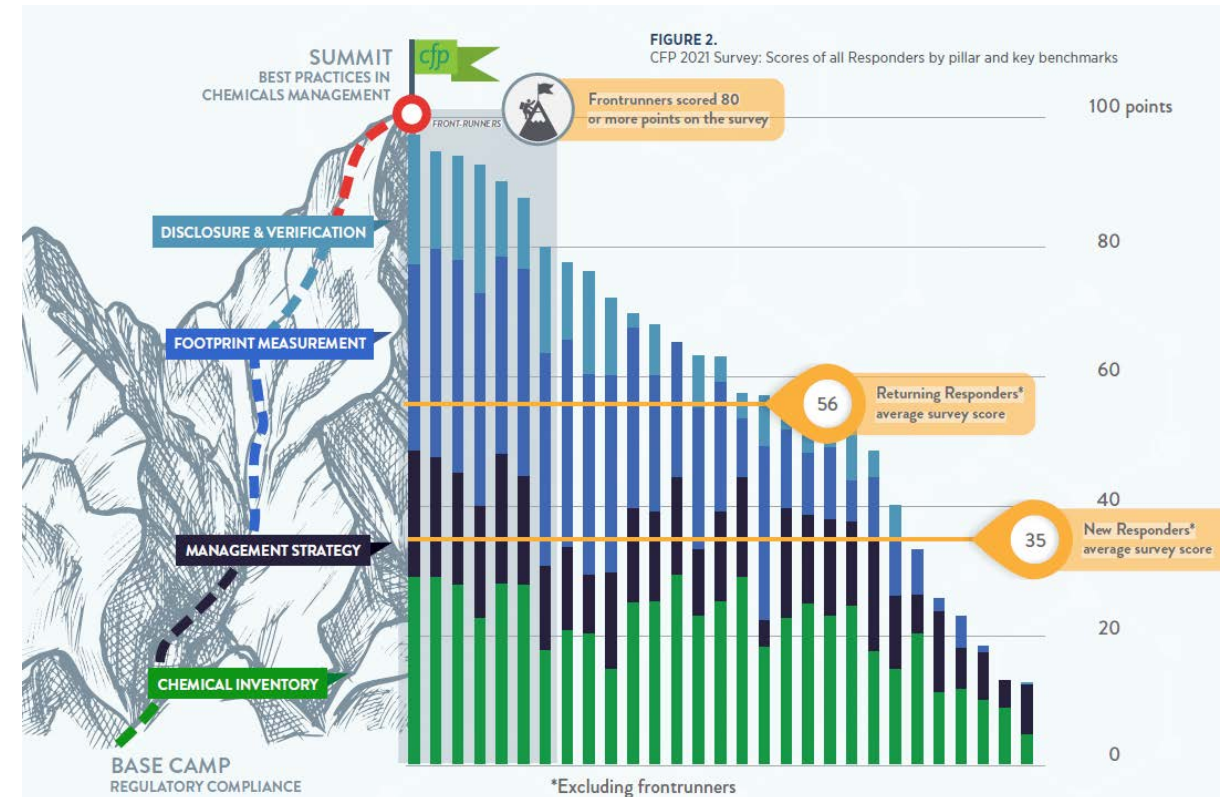
Chemical footprint value proposition

Align on key performance indicators

Prioritize chemicals for action

Demonstrate leadership

Address stakeholder requests





Questions?

Next Steps in the CFP Survey

- 2023 Survey will open in March
- Open until June 30, 2023
- Release results in Q4 2023
- Questions, contact Program Manager for CFP, Dr. Angela Pinilla – angela@cleanproduction.org

