

THE FUTURE OF SUPPLY CHAIN SUSTAINABILITY

VIRTUAL SUMMIT

COLLABORATION **VISIBILITY** TECHNOLOGY



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Council of Supply Chain
Management Professionals



FOURKITES



CONSUMER
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THE FUTURE OF SUPPLY CHAIN SUSTAINABILITY



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SESSION 1: SUSTAINABILITY FOUNDATIONS



WELCOME



Today's Moderator:
Andrew Ernest
FourKites



Meghan Stasz
VP Packaging & Sustainability,
Consumer Brands Association



Dirk Holbach
Corporate Senior Vice President &
CSCO Laundry & Home Care,
Managing Director HGSC B.V.,
Henkel

Greenhouse Gas Emissions from Freight

57%

Heavy-duty trucks account for the dominant share of all logistics-related greenhouse gas (GHG) emissions.





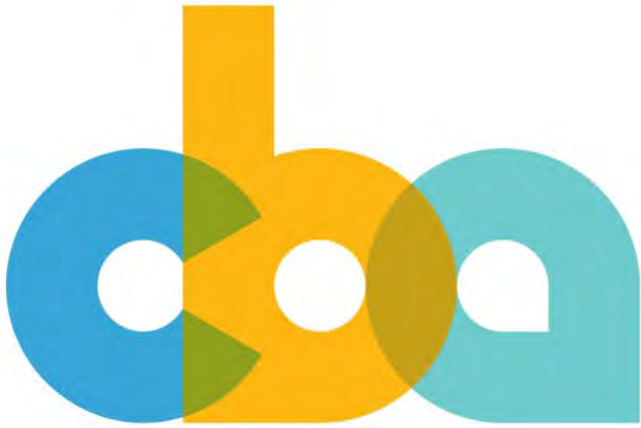
Henkel's Sustainability Goals

The company's first Environmental Report was published in 1992.

Source:
Henkel Sustainability Report 2019

Base year: 2010; exception: Logistics emissions: 2015.
¹ Goal already achieved in 2018
² Excluding adhesive products where residue may affect recyclability or pollute recycling streams.

Deliver more value			at a reduced footprint		
 Social Progress	 Performance	 Health and safety	 Energy and climate	 Materials and waste	 Water and wastewater
We want to actively contribute to social progress.	We want to create more value and increase our sales.	We want to create safer workplaces and improved health and hygiene.	We want to reduce our energy usage and our climate-damaging emissions.	We want to use less raw materials and generate less waste.	We want to reduce water consumption and wastewater.
	+ 22 % (per metric ton of product)	+ 40 % (per million hours worked)	- 30 % (per metric ton of product)	- 30 % (per metric ton of product)	- 30 % (per metric ton of product)
For 1 million workers, by improving their workplace conditions ¹	Each new product must make a contribution to sustainability.	Zero accidents is our long-term goal.	- 5 % logistics emissions	Sustainable palm oil	We want to reduce water usage during production and when our products are used.
10 million people to be reached through our social engagement activities			50 % electricity generated from renewable energy sources	100 % Mass Balance	
200,000 children to be reached through our educational initiatives			- 50 million t CO ₂ generated by our customers and consumers	100 % traceability	
We want to boost our people's engagement and mobilize and train all employees for sustainability.		90 % coverage by global health campaigns per year	100 % electricity generated from renewable energy sources by 2030	Increasing availability of sustainable palm oil through cooperations	
			- 75 % CO ₂ footprint of our production by 2030	Packaging	
			Climate-positive vision to become a climate-positive company by 2040	100 % of packaging recyclable or reusable by 2025 ²	
				- 50 % use of plastics fossil-based by 2025	
				30 % recycled plastics for consumer products by 2025	
				Zero landfilled waste by 2030	



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87%

of Americans expressed
concern about single-use
plastic and packaging
waste



Launching America's Recycling Moon Shot includes data from a survey of 2,056 U.S. adults (18+), fielded October 2 – 15, 2019, powered by Toluna Analytics.

Consumer Brands' analysis of the 25-largest CPG companies found that every one of them has made commitments to increasing recyclability, minimizing packaging or reusing material and 80 percent of those companies are working toward 100 percent recyclable packaging for all its products by 2030.



Negative changes to recycling
hamper Americans' faith in
their programs

25%

of Americans reported
changes in their curbside
recycling program, most
often reducing the number
of accepted items.



Americans who have experienced
negative changes to curbside
recycling programs are more than
twice as likely to give up recycling
entirely if they found out their
recyclables were being landfilled.

Recycling is the most likely
environmental behavior with
potential for the greatest impact

Most likely environmental behaviors:

- 1 | Curbside recycling
- 2 | Sorting recyclables by type
- 3 | Buying refillable packages
- 4 | Drive recyclables to a drop-off center
- 5 | Set up a compost pile
- 6 | Take public transportation

95%

of Americans said they would
change their behavior if they
found out they were recycling
the wrong way

What drives corporate sustainability initiatives?



**Legal, Ethical
and Moral
Responsibility**



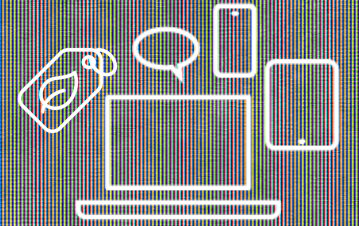
**Customer,
Employee &
Community
Engagement**



**Financial
Benefits**



**Sustainability
as a Catalyst
for Innovation**



**Brand
Reputation &
Awareness**

Differences in Environmental Regulation



USA

Summary of pledges and targets



PARIS AGREEMENT	Ratified 2030 unconditional target(s) Coverage LULUCF	Yes, but communicated intent to withdraw 26–28% below 2005 by 2025 incl. LULUCF [10–17% below 1990 by 2025 excl. LULUCF] Economy-wide, incl. LULUCF Included
COPENHAGEN ACCORD	2020 target(s) Condition(s)	17% below 2005 by 2020 incl. LULUCF [0–5% below 1990 by 2020 excl. LULUCF] None
KYOTO PROTOCOL (KP)	Member of KP CP1 (2008–2012) Member of KP CP2 (2013–2020) KP CP1 target (below base year) KP CP2 target (below base year)	Not ratified No 7% below 1990 N/A
LONG-TERM GOAL(S)	Long-term goal(s)	Obama Administration Mid-Century Strategy: 80% below 2005 levels by 2050 incl. LULUCF [68–76% below 2005 by 2050 excl. LULUCF] 76% below 1990 incl. LULUCF

EU

Summary of pledges and targets

PARIS AGREEMENT	Ratified 2030 unconditional target(s) Coverage	Yes At least 40% below 1990 by 2030 [29% below 2010 by 2030] Economy-wide GHG coverage
COPENHAGEN ACCORD	2020 target(s) Condition(s)	20–30% below 1990 by 2020 Developed countries commit to comparable efforts and developing countries contribute according to capabilities.
KYOTO PROTOCOL (KP)	Member of KP CP1 (2008–2012) Member of KP CP2 (2013–2020) KP CP1 target (below base year) KP CP2 target (below base year)	Yes Yes 8% below 1990 20% below 1990
LONG-TERM GOAL(S)	Long-term goal(s)	80–95% below 1990 by 2050 (under discussion) [76–94% below 2010 by 2050]

*based on CAT calculations

Developing a Corporate Sustainability Strategy



SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD



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SESSION 2: SUSTAINABILITY + TECHNOLOGY



Susie Bodnar
FourKites



Bart A. De Muijnck
Gartner



Rob Haddock
Coca-Cola North America



Dustin Braun
Land O'Lakes

