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PRAIRIE RESEARCH INSTITUTE

OCTOBER 2020 FOOD & BEVERAGE MANUFACTURING NEWS

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2020 State of Food Manufacturing Survey

Food Engineering, 9/29/20

Each year, *Food Engineering* surveys its readers to discover the challenges processors face, how they're adapting, and what they expect in the future. It will come as no surprise that the COVID-19 pandemic is dominating the conversation this year.

Layered on top of all of the COVID-related demands processors face on the production side is how the crisis is shaking up consumer demand. The trend toward single-serving, grab-and-go-style food and beverages has suddenly reversed as consumers are working from home, eating family dinners in the evenings instead of having multiple events on the calendar, and buying more frozen and nonperishable foods. Processors are evaluating their supply chains to respond to pandemic challenges and consumer demand for sustainability.

Walmart, Schneider Electric partner to help suppliers move to renewables

Supply Chain Dive, 9/15/20

Walmart is partnering with Schneider Electric to make renewable energy more accessible to suppliers. This move is part of the retailer's Project Gigaton effort to reduce its supply chain emissions by one billion metric tons by 2030.

The initiative with Schneider Electric's Energy & Sustainability Services, titled [Gigaton PPA](#) (power purchase agreements), seeks to educate suppliers on their renewable energy options and help them through conversion — a process Walmart's Senior Director of Sustainability Zach Freeze said can be daunting for any supplier — especially small ones. Gigaton PPA aims to bridge the knowledge gap and pool like-minded, co-located suppliers to combine purchasing power.



World's largest craft brewer to make all employees carbon negative

Environment + Energy Leader, 10/5/20

BrewDog, the world's largest craft brewer, recently announced that it is the first employer in the world to ensure that all employees are carbon negative.

BrewDog has introduced an employee perk that allows all staff members to calculate their personal carbon footprint using the mobile app, Pawprint. Brewdog says it will be able to double offset employees' carbon footprints immediately with the help of the current carbon removal projects it's



funding and eventually with the BrewDog Forest, a 2,050 acre site in Scotland where the brewer will plant trees to remove carbon from the air.

Read more about the craft brewery's plans in their [first sustainability report](#).

How Ferrero uses data to streamline its supply chain and reduce food waste

Food Dive, 10/14/20

The confectionery giant is working with software company Alloy to improve the efficiency of its operations by cutting down on overstock and out-of-stock items.



ESG goals emerge as top priority for investors in food & beverage

Food Navigator, 9/29/20

The idea of “doing good” as a company is quickly evolving from “nice to have” to “must have” for food and beverage businesses trying to raise capital. Investors and industry strategics increasingly integrate and place more weight on environmental, social and governance (ESG) issues when seeking and evaluating opportunities, according to several venture capitalists.



Beyond emissions: The life of a carbon molecule

GreenBiz, 10/12/20

Metrics that focus on the direct levers available to a company — and measure how the company is using them — provide actionable data to management and decision-useful information to a firm's investors.



OTHER STORIES

Agriculture

- [EC green light for new GM soybean: Is this good or bad news for our health and environment?](#) *Food Navigator*, 10/7/20
- [Farmers Edge and Radicle offer hi-tech carbon credit program](#) *Future Farming*, 10/5/20
- [Land O'Lakes aids Kansas farmers with ag tech, services](#) *Hutchinson News*, 9/29/20
- [Vertical farming startup takes crown in Ahold Delhaize innovation contest](#) *Grocery Dive*, 10/8/20
- [Why Kroger and Publix are bringing the farm to the grocery store](#) *GreenBiz*, 10/8/20

Breweries, wineries, & distilleries

- [Heineken Spain to replace gas boilers with biomass boilers](#) *Bioenergy Insight*, 10/5/20

Climate

- [AB InBev's new partnership could cut carbon emissions by 30% per beer can](#) *Food Dive*, 10/7/20
- [Coca-Cola on board with emphasizing human impact](#) *GreenBiz*, 10/12/20

Energy, water, and waste

- [Apeel Sciences teams up with Walmart to launch cucumbers... minus the plastic wrap: 'We hope this becomes the norm'](#) *Food Navigator*, 9/23/20
- [California school district switches to biodiesel made from waste for school buses](#) *Green Lunchroom Challenge*, 10/12/20
- [Can we halve global food waste by 2030? Not without our suppliers](#) *Sustainable Brands*, 9/25/20
- [Chicken eggshell membrane upcycled for bakery](#) *Food Navigator*, 10/9/20
- [Food waste and the global hunger crisis: Momentum builds for a more holistic solution](#) *Triple Pundit*, 10/6/20
- [Green washing saves water](#) *Food Processing*, 9/24/20
- [Kellogg reports 13.4% reduction in total organic waste](#) *Waste360*, 9/28/20
- [Kroger sees family meals as catalyst for reducing food waste](#) *Supermarket News*, 9/25/20
- [Nearly 200 companies pledge to halve food waste by 2030](#) *Food Dive*, 9/28/20
- [These 12 organizations are creating food products from upcycled food waste](#) *GreenBiz*, 10/8/20
- [Upcycled Food Association adds Dole to membership as consumer awareness of how food impacts climate grows](#) *Forbes*, 9/30/20
- [UW grad's smoothie startup hopes to reduce food waste, global warming](#) *Seattle Refined*, 10/5/20

Packaging

- [Building a guilt-free disposable water bottle: It's not easy](#) *Los Angeles Times*, 10/6/20
- [DASANI launches bottle caps made with recycled plastic](#) *SME News*, 9/25/20
- [Markon launches recyclable cardboard clamshells for strawberries](#) *Fresh Food Portal*, 10/8/20
- [New plastic-eating 'super enzyme' offers hope for full recycling](#) *Beverage Daily*, 10/1/20

- Sugarcane waste upcycled into plastic-free packaging *Food Navigator*, 9/22/20
- The journey to 100% rPET bottles *Beverage Daily*, 9/24/20
- Why bioplastics will not solve the world's plastics problem *Yale Environment 360*, 8/31/20
- Zero-waste online grocer raises \$3M *Grocery Dive*, 9/25/20

Regulation

- California governor signs nation's first recycled content requirement for plastic beverage containers *Waste Dive*, 9/25/20
- California's 50% recycled content goal: Ambitious – but obtainable, say Coca-Cola, Nestlé, KDP *Beverage Daily*, 10/2/20
- Feds issue slew of food-contact recycled plastics letters *Plastics Recycling Update*, 8/26/20

Supply chain

- Can one company provide a model for a more just & sustainable cocoa industry? *FoodPrint*, 10/6/20
- Cargill introduces portal for cocoa sourcing transparency *Food Business News*, 10/5/20
- Cocoa giant can now trace majority of its beans *Supply Chain Brain*, 10/8/20
- European Commission launches Sustainable Cocoa Initiative and is 'ready to act' *Confectionery News*, 9/24/20
- Food giants launch new deforestation pledge after missing 2020 objectives *Food Navigator*, 9/24/20
- Ikea, Unilever and BT spearhead net-zero supply chain initiative *edie*, 9/21/20
- It takes a village: Driscoll's dives deep into water stewardship *Sustainable Brands*, 10/9/20
- Mars claims palm oil is 'deforestation-free' after ditching hundreds of suppliers *GreenBiz*, 10/7/20
- Nestlé will support farmers to achieve net-zero carbon by 2050, supply chain chief says *Supply Chain Dive*, 10/12/20
- Tackling global food waste: towards a smarter supply chain *Grocery Dive*, 9/15/20

REPORTS AND USEFUL LINKS

- *Measuring Stakeholder Capitalism: Towards Common Metrics and Consistent Reporting of Sustainable Value Creation*
- Pollution Prevention 101 LibGuide: Food Manufacturing
- *Science-Based Targets for Nature Initial Guidance for Business*

UPCOMING EVENTS

- **Oct 22, 1 pm CDT -- The Role of Reverse Osmosis in Dairy Production**

- **Oct 19-22** -- [Virtual Food Safety Summit](#)
- **On demand** -- [Circularity 20](#)
- **On demand** -- [Food Automation and Manufacturing: A Virtual Event](#)
- **On demand** -- [What's Trending for Wastewater Issues and Treatment Technologies](#)



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