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In the Loop

Drivers of Agriculture Technology + Food System Innovations

OCTOBER 2015



The conversation about the impact meat production has on animal, human and environmental health picked up last month with a New York Times [op-ed piece](#) that covered the emergence of meat-alternative protein sources including Closed Loop Capital's portfolio company [Beyond Meat](#). As a backdrop to this story, this month's *In the Loop* features a recent CNN [article](#) that dives further into the specific environmental and social challenges caused by the meat production industry. Aquaculture also continues gain momentum as major agriculture companies ramp up acquisitions to increase protein production to meet global demand. Aquaculture surpassed global meat output in volume in 2010 as highlighted by Wall Street Daily. The [article](#) also points out that last year was the first time farmed fish consumption exceeded wild-caught fish consumption globally.

Food waste is making headlines after world leaders met in New York in September to adopt Sustainable Development Goals including one target to cut global per capital food waste in half by 2030. At the same time in the U.S., the EPA and USDA issued goals to cut domestic food waste in half by a 2030 deadline. A World Resources Institute [article](#) last month highlights some of the actionable items being taken to achieve these goals. On the food safety front, Fortune published an [article](#) on the \$55.5 billion cost of food-borne illness in the U.S. and highlights the challenges in addressing the issue within a global food system.

The organic industry in the U.S. continues to thrive reaching \$5.5 billion in organic farm sales in 2014 increasing 72% since 2008 while the number of organic farms decreased by 3% as noted by Reuters. The [article](#) points out that 10 states account for 78% of those sales with milk accounting for \$1.1 billion of

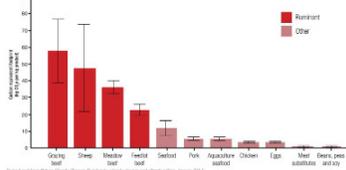
those sales. 39% of organic farmers reported they intend to expand organic production over the next five years.



PROTEIN

The (Fake) Meat Revolution

YOUR FOOD'S CARBON FOOTPRINT



BEEF

Why Beef Is The New SUV



FOOD SAFETY

The Food Industry's \$5.5 Billion Safety Problem



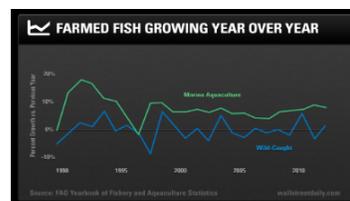
FOOD WASTE

What's Food Loss And Waste Got To Do With Sustainable Development? A Lot, Actually.



ORGANICS

Sales From Organic U.S. Farms Reached \$5.5 Billion Last Year: USDA



AQUACULTURE

Big Agriculture Becomes Big Aquaculture



About Closed Loop Capital

Closed Loop Capital is an early-stage venture capital platform founded in 2010 that invests in exceptional entrepreneurs leading ventures in agriculture technology and food system innovation in the United States and Canada.

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