

manufacture multiple downstream products at cost parity with mainstream synthetic alternatives. The platform runs on conventional corn sugar and sugarcane, and is also compatible with a broad range of upcycled sidestreams, including agricultural residues, crude glycerol, and dairy waste streams. Ruby Bio's product portfolio spans surfactants, food emulsifiers, drop-in oleochemical replacements, polyol sweeteners, and polymer performance additives, serving consumer care, food, and industrial markets.

Supercarb — Supercarb produces plastic-free performance fibers from upcycled biomass that are inherently flame-retardant, anti-odor, and fast-drying—eliminating the need for toxic finishing chemicals like PFAS, silver, and phosphorus. By embedding performance at the fiber level, Supercarb helps brands avoid costly chemical treatments and wastewater processing, unlocking up to \$13B in savings. The technology leverages abundant waste feedstocks, including seaweed and agricultural peel waste, positioning Supercarb to scale sustainably across the textile market.

Tastee Tape — Tastee Tape develops a biodegradable, food-safe, and cost-competitive flexible packaging film that enables food CPG brands to eliminate PFAS and comply with rapidly evolving sustainability regulations. Its patent-pending technology delivers equivalent performance at up to 4x lower cost than alternative bioplastics, removing a key barrier to adoption. The company has gained strong market validation with national exposure including The Tonight Show with Jimmy Fallon, CNN, NBC, and TIME's Best Inventions, signaling broad commercial and consumer interest.

About BEAM Circular

BEAM Circular is a nonprofit organization that serves as a hub for circular bioeconomy innovation, workforce development, and industry growth in California's agricultural heartland. BEAM Circular works with multi-sector partners across the Central Valley and beyond to develop bio-based solutions that transform waste into valuable products while creating local economic opportunities and addressing environmental challenges. For more information, visit www.beamcircular.org.

About gener8tor

gener8tor fosters innovation ecosystems through its accelerator programs, venture capital funds, and skills-based workforce initiatives. With a strong track record of supporting high-growth companies, gener8tor has expanded across the U.S. and internationally, building partnerships with governments, corporations, universities, and economic development organizations to drive entrepreneurship and economic impact. gener8tor operates accelerators across 45 cities, 25 states and 3 countries, working with more than 300 startups per year. To date, gener8tor has worked with more than 2,100 startups that have cumulatively gone on to raise more than \$2.9B in financing and employ more than 11,000 people.

Source

gener8tor, press release, 2026-03-11.

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