

ModernSynthesis

Who We Are

COMPANY DESCRIPTION (<50 WORD)

Founded by ex-Adidas designer Jen Keane and synthetic biologist Dr. Ben Reeve, Modern Synthesis is a biotech company crafting the next generation of biomaterials. Modern Synthesis' patent-pending biotechnology platform employs microbes to grow strong, lightweight cellulose-based materials that are naturally biodegradable, and offer unique potential for customisation.

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Founded by ex-Adidas designer Jen Keane and synthetic biologist Dr. Ben Reeve, Modern Synthesis is a biotech company crafting the next-generation of biomaterials. Modern Synthesis' patent-pending biotechnology platform employs microbes to grow nanocellulose-based materials that are circular by nature, and customisable by design. This offers a compelling solution for designers, who too often have to choose between product sustainability and desirability. In addition to producing materials which are 100% petrochemical and animal free, Modern Synthesis produces technology that grants creatives complete control over the look, feel, and performance of the products they create.

About our Founders

JEN KEANE, CEO

Jen Keane is a designer, material innovator and entrepreneur who has received numerous awards in recognition of her biodesign work, including the Mills Techstyle prize and the LVMH Green Trail Award. She holds a bachelors in Fiber Science and Apparel Design from Cornell and a masters in Material Futures from Central Saint Martins. After several years at adidas, Jen founded Modern Synthesis in order to create a world where sustainability empowers - rather than constrains - creativity.

DR. BEN REEVE, CTO

Ben Reeve is a bioengineer and materials expert with a PhD from Imperial College London, where he discovered and sequenced the microbial strain that Modern

Synthesis employs today. Before Modern Synthesis, Ben was a founding team member and CTO of Puraffinity, a successful Imperial College spin out. At Puraffinity, Ben helped raise £5M in funding and led a technical team to deploy biobased materials across the water industry. Today Ben sets the vision for Modern Synthesis' multidisciplinary lab team, and is responsible for driving technological advancements across biology, chemistry and design engineering.