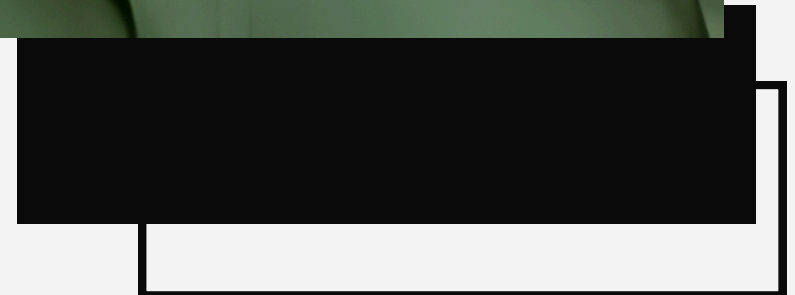


NEHA JAIN

CEO & Founder
Zerocircle Pvt. Ltd.



A visionary techpreneur and journalist-turned-material scientist leveraging the power of the ocean to create regenerative, carbon-neutral alternatives to single-use plastics.



ZEROCIRCLE



OCEAN-SAFE MATERIALS FOR A PLASTIC-FREE FUTURE

A deep-tech biotechnology startup transforming seaweed into high-performance, home-compostable packaging that seamlessly integrates into existing global supply chains.



Swipe to see their impact!

THE CHALLENGE

BUILDING A RESILIENT AQUATIC LIVELIHOOD

01 The "Hydra" of Modern Waste

Conventional plastic is used for minutes but persists for centuries. Even alternatives like paper often contain hidden plastic coatings that take decades to break down, leaching microplastics into the food chain.

02 The Linear Economy Trap

Recycling alone cannot solve the crisis; the global economy's linear nature makes "zero-waste" an individual struggle rather than an industrial reality.

03 Resource Scarcity

Many bioplastics rely on land-based crops (like corn or potato starch), which compete with food security and consume vast amounts of freshwater and fertilizers.



THE SOLUTIONS: ZEROCIRCLE'S INNOVATIONS

01 Regenerative Seaweed Biorefining

Zerocircle extracts natural polymers from seaweed, a carbon-negative resource requiring no land, freshwater, or fertilizers. This process absorbs 120kg of CO₂ per tonne, ensuring the raw material is inherently regenerative and ocean-positive.

02 "Plug-and-Play" Compostable Materials

The startup produces 100% home-compostable films and resin pellets that break down without leaving microplastics. These materials integrate seamlessly into existing plastic manufacturing machinery, allowing global brands to scale sustainable packaging without new capital investment.

IMPACT & SCALE

DRIVING THE BLUE CIRCULAR ECONOMY

1

1.5 Million+ units of plastic-free packaging replaced within one year of commercialization.

2

30,000+ seaweed-coated burger boxes deployed

3

Successfully launched seaweed-coated takeaway boxes in the Netherlands

4

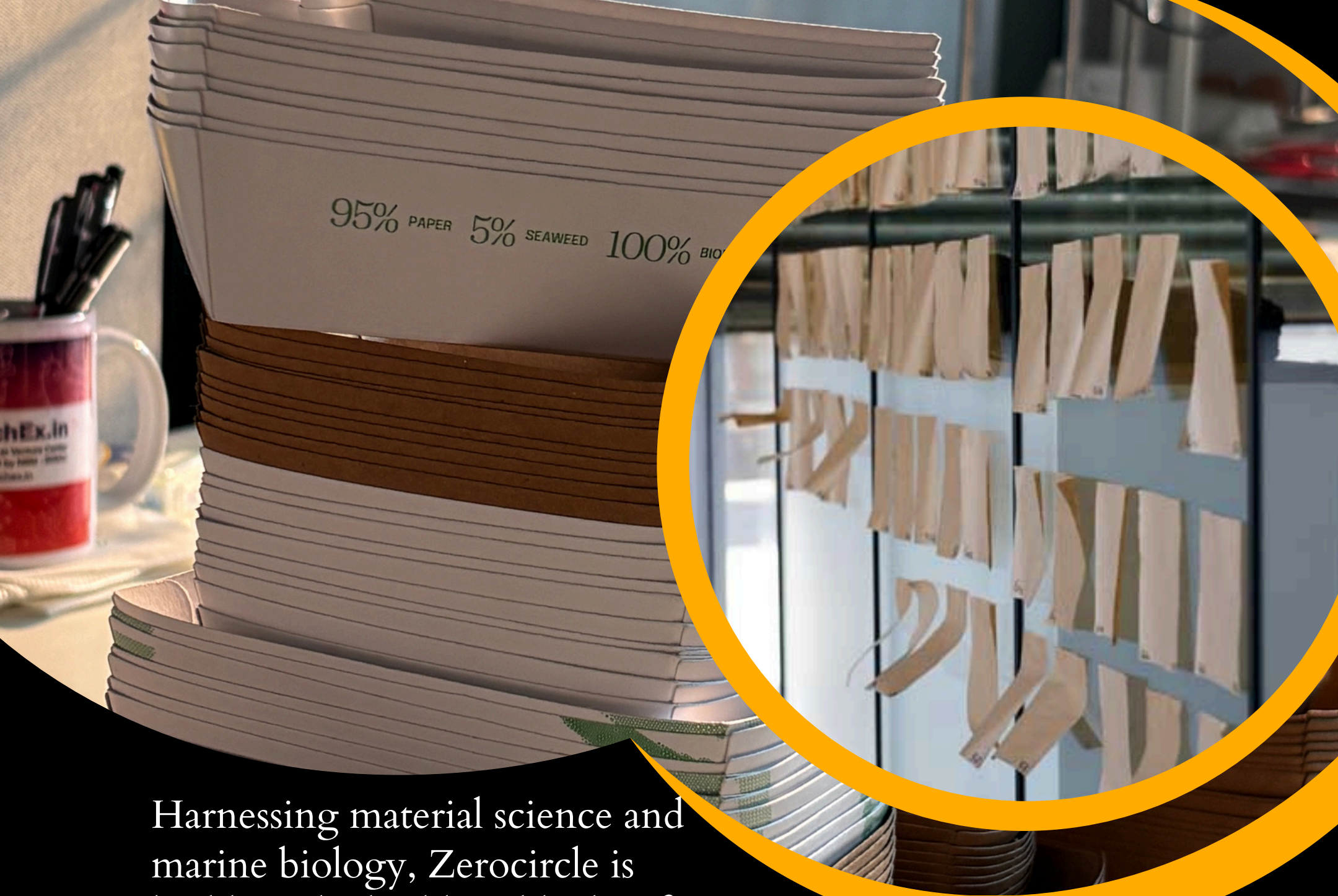
Awarded 2nd place in the Tom Ford Plastic Innovation Prize (\$250,000) and won the UNIDO Global Cleantech Innovation Award.

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"I reimagined the ocean not as a dumpyard, but as a vast reserve of seawater and the fertile soil of opportunity."

-Neha Jain

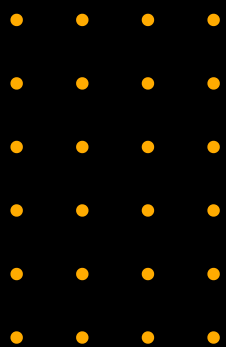
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Harnessing material science and marine biology, Zerocircle is building the building blocks of tomorrow to ensure that the products we use today leave nothing behind for the future.



<https://www.zerocircle.in/>



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