ecoinno

(H.K.) is a pioneering green biotechnology company specializing in the development of innovative green fiber technologies.

Our dedicated team comprises scientists from Imperial College and City University of Hong Kong, alongside engineers from Ecoinno, who have invested years in research and development. Together, we have successfully created and patented GCM—a revolutionary 100% plant-based fiber material recognized as a breakthrough solution to replace conventional plastics.

This state-of-the-art green fiber technology is biodegradable and exhibits exceptional resistance to temperature, pressure, and water, effectively replacing single-use plastics, aluminum containers, and PFAS-coated paper products.

Our innovation addresses the limitations of paper-based materials, which often deform when exposed to water, steam, and tension. The unique properties of our patented material have elevated the melting point for biodegradable fibers, unlocking a wealth of potential applications.

Ecoinno products are single material. pure plant fibre, the chemical composition pure cellulose. Cellulose is an abundant natural polymer and 100% fully biodegradable in soil and ocean within 75 days.











Our centre and product is ISO certified factory for quality, reliability, sustainability! TUV marine, certified our materiel and product are biodegradable in ocean!!!



Our flagship product, green fiber coffee capsules, has garnered attention from leading figures in the global coffee industry.

The versatile GCM technology is not only suitable for coffee capsules but also for food utensils, daily necessities, medical and pharmaceutical packaging, as well as food and cosmetic packaging.

Ecoinno is a proud member of the Partnership for Sustainable Development Goals (SDGs). Our products have received endorsement from the Governor of Kanagawa, Japan, as part of efforts to provide a zero-plastic solution for beverages and food in Japanese cities. The revolutionary green fibers developed by Ecoinno are already making a significant impact on both industry and society. Our products have the potential to replace a vast majority of plastics currently on the market, contributing to a sustainable future by reducing plastic usage worldwide.



For more information:

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