



PRIME Reference Number: PRIME2021/TB5

Carbon tiles: Art meets technology

Domain: Others / Cleantech

Addressing climate change issues through Craft and Design. Provide carbon upcycling solutions for architects. Partnered with various companies who collect or capture the air pollution. The recovered carbon black is utilized to make architectural and interior product - carbon tiles.

Value Proposition:

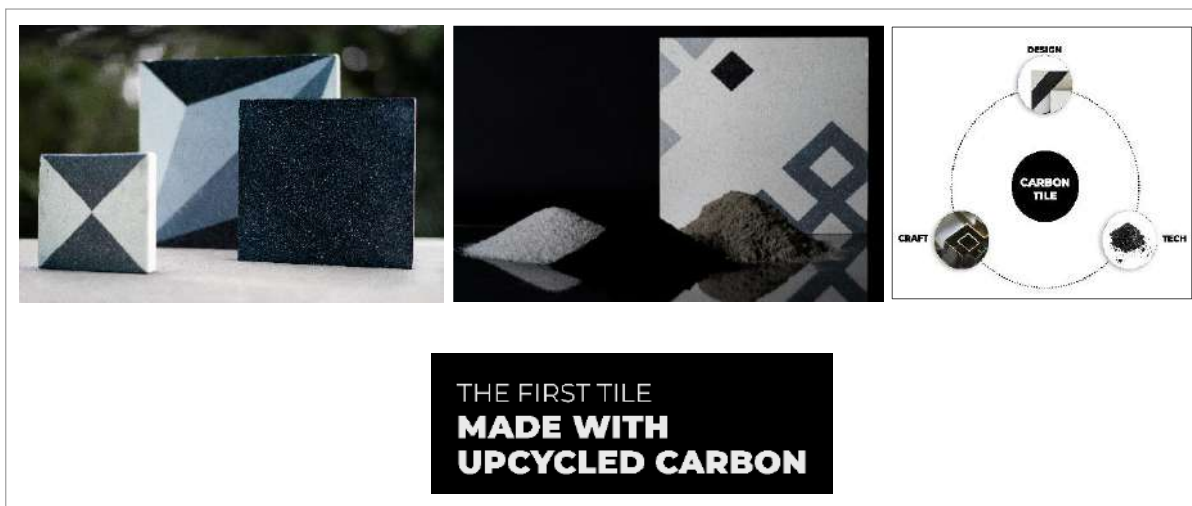
- Low carbon intensive
- Handmade and customizable
- Uses 1/5th of the energy needed to make conventional tiles
- Bringing art to life with technology

Applications: Carbon tiles are interior tiles to be installed on walls and floor.

Technology Status: Commercial production and in market.

IP Status: Patent pending.

Market Potential: Globally the ceramic tiles market is expected to rise from USD 207.7 billion in 2020 to USD 285.1 billion by 2025, at a CAGR of 6.5%.



Requirements: Seeking industry partner or pilot study, deployment & licensing