

Research and development of production technology for recycled coal ash fiber（Nippon Fiber Corporation）



City	Year of Establishment	Founder
Abiko-shi, Chiba-ken, Japan	2017	Hiroshi Fukazawa

Partner VC	Latest round of Fundraising	Valuation
—	Series A	JPY 6,688 million

- Business Plan
Establish production technology for recycled coal ash fiber with elastic modulus of 75-90 GPa or higher. Conduct sample production of approximately 100 tons per year and conduct marketing verification.
- Research Outline
Establishment of "Coal Ash Recycled Fiber Production Technology" based on the premise of the DMP phase.
 - ① Establish a production technology system for 50 to 100 tons per year.
 - ② Establishment of mass production core technology aiming at 100-1,000 platinum bushing holes,
 - ③ New design of electric melting furnace for coal ash

Achieve the above and conduct solid market validation of fiber-utilizing prototypes.

Business Area/Field	Research Period	Research Grant Amount	International collaborative technology demonstration
Materials	PCA 2024 - 2025FY	JPY 400 million	—

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