

## RE EARTH INDUSTRIES

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STARTUP  
CITY 10 BEST  
BIOENERGY STARTUPS - 2024

*An annual listing of '10 BEST BIOENERGY STARTUPS - 2024' represents the know-how of innovator startups that are at the forefront of leveraging innovative ideas and technologies infused in the green fuel sector to reduce carbon emissions. These startups are working on innovations in battery composition, new technologies in biofuel production, waste utilization, and pushing biomass further into the future, boosting the use of clean fuel across the country.*

*Heena Kousar*  
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Managing Editor  
STARTUP

## RE EARTH INDUSTRIES:

A Bioenergy Startup Advancing Quality &amp; Sustainability at Every Stage of Production

CA Teena Kumawat  
Founder & Director

The Bioenergy market in India is expected to grow from 166.14 Gigawatt in 2024 to 220.11 Gigawatt by 2029.

The expansion of the market is fueled by a surge in investments, proactive government initiatives and significant financial contributions from leading global green energy companies. Clients seek biomass pellets and briquettes that are expertly produced from premium organic materials. Despite this, many industry players fall short of consistently upholding the rigorous standards essential for delivering superior quality products to customers. Re Earth Industries leads the way with its expertly crafted biomass pellets and briquettes made from high-quality organic materials, offering an eco-friendly solution with exceptional burning efficiency and low ash output for heating, power generation and industrial applications.

Established in February 2024, Re Earth Industries represents a collaborative venture founded by CA Teena Kumawat, Payal Kumawat and Rahul Bairagi. The firm's strength lies in its carefully managed raw material procurement process. By partnering

with farmers, its team members visit farms to ensure the materials meet strict quality standards, maintaining low moisture and dust levels. Once verified, the materials are transported to the company's factory, where an ISO certified lab conducts further tests before storage. The materials are then finally crushed and compressed into briquettes and pellets. "We deliver these products to clients along with providing comprehensive lab reports for quality assurance", says CA Teena Kumawat, Founder & Director, Re Earth Industries.

## Premier Infrastructure

Re Earth Industries is deeply committed to fostering opportunities for farmers by purchasing their husks and agricultural by-products. The initiative not only provides farmers with an additional source of income but also plays a crucial role in environmental preservation. By acquiring and repurposing the agricultural residues, the firm helps to prevent the common practice of burning waste in the fields, which is a significant contributor to air pollution. Its approach underscores a dual benefit of enhancing farmers' livelihoods while promoting sustainable agricultural practices and protecting air quality.

Re Earth Industries has a plant with a production capacity of 50 tons per day. The company is equipped with a state-of-the-art infrastructure that incorporates the latest technological advancements, allowing for the efficient and high-capacity production of biomass briquettes and pellets. The facility is thoughtfully designed and divided into specialized sections, each

serving a specific purpose to optimize workflow and ensure uninterrupted, seamless operations. This strategic segmentation enhances productivity, streamlines processes and maintains a high standard of operational efficiency throughout the production cycle. The company provides soya and mustard briquettes and pellets, with the briquettes measuring 90mm and the pellets available in 6mm, 8mm and 16mm sizes. Its products are used in a range of industries, including the boiler industry, pharmaceutical sector and the metal industry, among others.



Re Earth Industries believes that adopting biomass energy helps businesses & communities cut their carbon footprint & support a greener future for generations

Re Earth Industries envisions a future grounded in sustainability, driven by its commitment to advancing biomass energy as an effective alternative to coal for industrial use. The company's mission is to actively support government initiatives aimed at transitioning to cleaner and more environmentally conscious energy solutions. Currently based in Madhya Pradesh, the company intends to broaden its operations to other states, such as Maharashtra, Gujarat and Rajasthan in the coming years. Ultimately, it aspires to carve out a distinct position for itself within the waste recycling industry as it progresses forward.