

SUCCESS STORIES OF STARTUPS

Under RKVY RAFTAAR Scheme

A2P Energy Solution Private Limited

Founder: Sukhmeet Singh

Focus Area: Waste to Wealth & Green Energy in Agriculture

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Foundation Year: 2018

Location: Chandigarh



Lack of alternative uses for paddy straw waste. Limited availability of alternative biofuels in the market.

Startup is using paddy straw waste and converting it into biofuels such as energy pellets, green-coal, and bio-oil. It uses an AI system to track waste biomass and works with farmers for its connection, thus providing them an alternate income source.

This is a cleaner and cheaper fuel. 60%-70% less moisture content compared to conventional fuel like wood. Replaces fossil fuels like coal and doesn't release harmful SOX & NOX. Helping companies become part of the green fuel value chain.

The startup enhances rural economies by providing farmers with an alternate income source through the conversion of paddy straw waste into biofuels using AI-tracked biomass. This not only curtails traditional burning practices, improving air quality and health, but also creates jobs in biomass management. Economically, it fosters renewable energy opportunities, reducing reliance on fossil fuels, and environmentally, it mitigates pollution and contributes to climate change resilience.



1000+ Farmers
Benefitted



Rs. 607 Lakh
Revenue



07 Products
in Market



Presence in
2 States