

SUCCESS STORIES OF STARTUPS

RKVY RAFTAAR – ARISE and UPJA

Hab Biomass Private Limited

Founders: Krunal Sunil Jagtap & Sheetal Sunil Jagtap

Focus Area: Waste to Wealth & Green Energy in Agriculture

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Email: krunal.jagtap007@gmail.com

Location: Pune, Maharashtra, India

Year of Startup Incorporation: 2022



PROBLEM STATEMENT:

- Disposal of Agro waste by burning.
- Logistics of loose agro waste, a SCM error as volume is higher than weight.
- High cost of briquetting unit.

SOLUTION OFFERED:

- Hab Biomass Pvt Ltd has created a mobile unit that can convert one ton of agro waste per hour into eco-friendly bio briquettes using heat and pressure.
- Biomass is converted into briquettes at the raw material source, using our innovative machine.
- The unit's efficient hardware and parts design, including a unique binder material.
- These briquettes can replace traditional fuels and are made from transformed agricultural waste.

PRODUCT USP:

- Less Cost of briquetting
- Low Fixed Land/Shed requirement.
- No geographical limitations for expansion
- Parallel Income source to farmer
- Universal machine to all types of agro waste
- Agro waste processing at its source.



SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACT:

- Our solution optimizes the collection/transportation of agro waste, reducing fire hazards and providing additional income source to farmers.
- Economical: It gives employment to farm labours and boosts rural economies.
- Environmental: It eliminates harmful burning practices, reducing air pollution and preserving soil nutrition.

 * 250-ton briquettes produced

 * 5+ Customers across India

 * Reducing the carbon footprint

* as provided by the startup [Data Year 2023-2024]