

# 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

**Incubated in:** 2020 at IARI



The startup A2P Energy Solution is using paddy straw waste and converting it into biofuels such as energy pellets, green coal, and bio-oil. It locates waste biomass using a tracking system powered by artificial intelligence (AI) and collaborates with farmers for its collection, giving them a second source of income. In Haryana, the startup has prevented the burning of 7,500 acres.

This is a cleaner and cheaper fuel, consisting of 60%–70% less moisture content compared to conventional fuel like wood. The energy pellets can replace the use of fossil fuels like coal and don't release harmful SOX and NOX.

The startup is working to enhance rural economies by providing farmers with an alternate income source through the conversion of paddy straw waste into biofuels. This not only curtails traditional burning practices but also improves air quality and health.



07 Products  
in Market



7500 acres saved  
from Burning



1000+ Farmers  
Benefitted



Rs. 607 Lakh  
Revenue

Data Year-(2023-2024)