

EH: Energy Harvest Technologies

Technology Platform for solving paddy straw problem through commercializing the straw for energy purposes

The Problem



India produces 500-550 million tonnes of crop residue every year, with Uttar Pradesh, Punjab and Haryana being the highest producers. A 2012 study estimated that Punjab and Haryana burnt about 80% of rice residue, while Uttar Pradesh burnt 25% of it. The three states burnt 23% of wheat and 25% of sugarcane trash in the field, the study said.*

*Oct 13, 2016 13:37 IST
Despite ban, stubble burning goes unchecked in Amritsar
Even as the government has been taking*

Ban can wait, farmers in Kapurthala continue to burn stubble

Jatinder Mahal, Hindustan Times,

Updated: Oct 10, 2016 12:37 IST

Pollution: High court tells Delhi's neighbours to stop stubble burning

The stubble trouble: Gasping for air as smog reigns

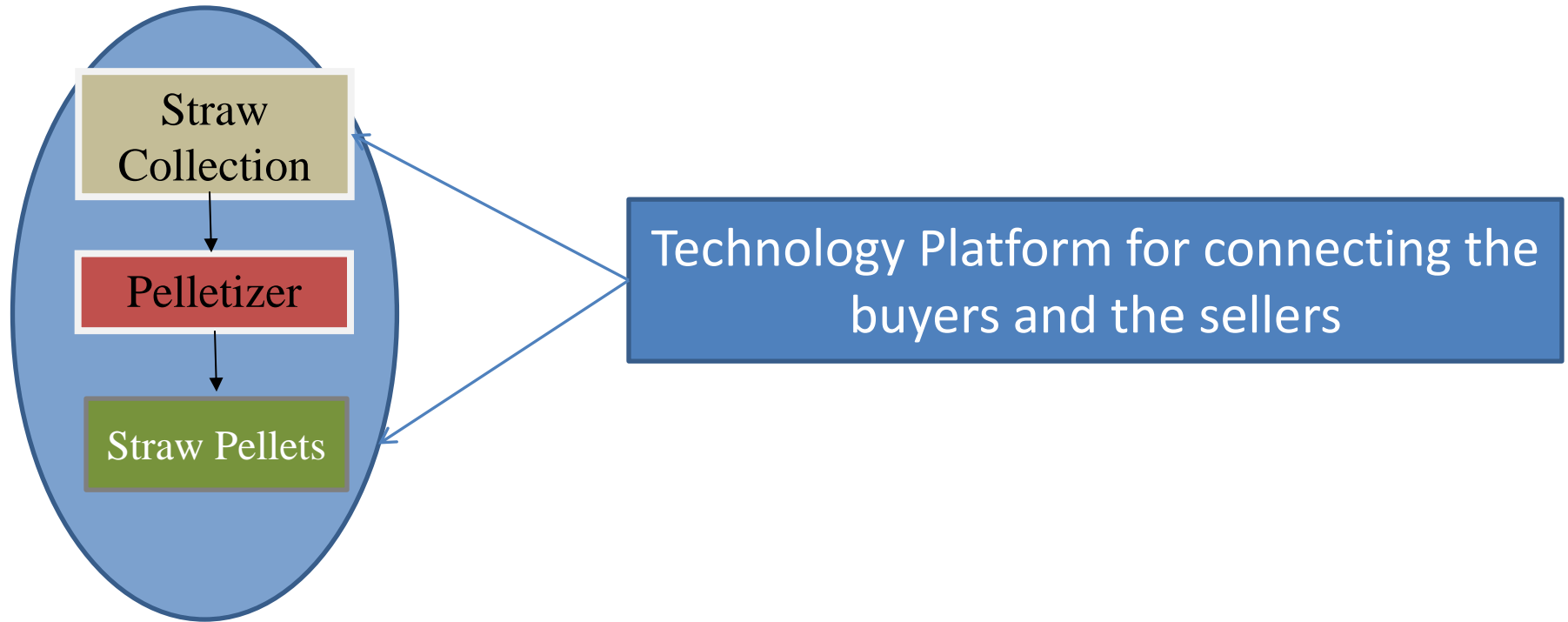
Vishav Bharti, Hindustan Times, Chandigarh | Updated: Nov

Delhi haze: When farm fires poison the capital's air

Kumar Sambhav Shrivastava, Hindustan Times, New Delhi | Updated: Oct 05, 2016 14:04 IST

* <http://www.hindustantimes.com/delhi/delhi-haze-when-farm-fires-poison-the-capital-s-air/story-KjM2LcvHDhJ2TLw52DCX0M.html>

Solution: Technology platform for connecting buyers and sellers of pellets



Energy Harvest Platform

Farmers put the details of straw availability in their fields

Farmers

Machinery Providers

Balers/combined owners

Sellers of pellets put the details of availability of pellets

Entrepreneurs

Farmer Producer Organizations

Buyers of pellets put their requirements

Energy Power plants

Brick Kilns

Tandoors/ Restaurants

Energy Harvest Technology Platform:

- Make market for paddy straw pellets
- Connect buyers and sellers of the pellets
- Build in rating system for buyers and sellers
- Report the burning of straw by just clicking of the picture and the app will pick the location
- Reporting for total burning reporting across districts

Current State: Pre-commercial

- **Power plant:** Power plant 60 MW needs 1.5 lakh tons of biomass
- **Partnership:** Tying up with several power plant for supply of pellets
- **NABARD:** Working in partnership with NABARD for knowledge dissemination and outreach activities
- **Technology Platform:** Concept ready, need funding for development and deployment
- **Farmers:** Working with farmers for the first phase, need funding to go state wide
- **Machine Providers:** On going work to establish partnership for opening new market avenues

Plans for scaling up

- **Team:** Build an operational team to cover the full states of Punjab, Haryana, UP and MP
- **Technology Platform:** Upscale the technology and make its widespread among the stakeholders

Energy Harvest

Buyer Login

Membership ID:

Password:

Log In

Or

Signup

Thanks

Contact:

energyharvesttech@gmail.com