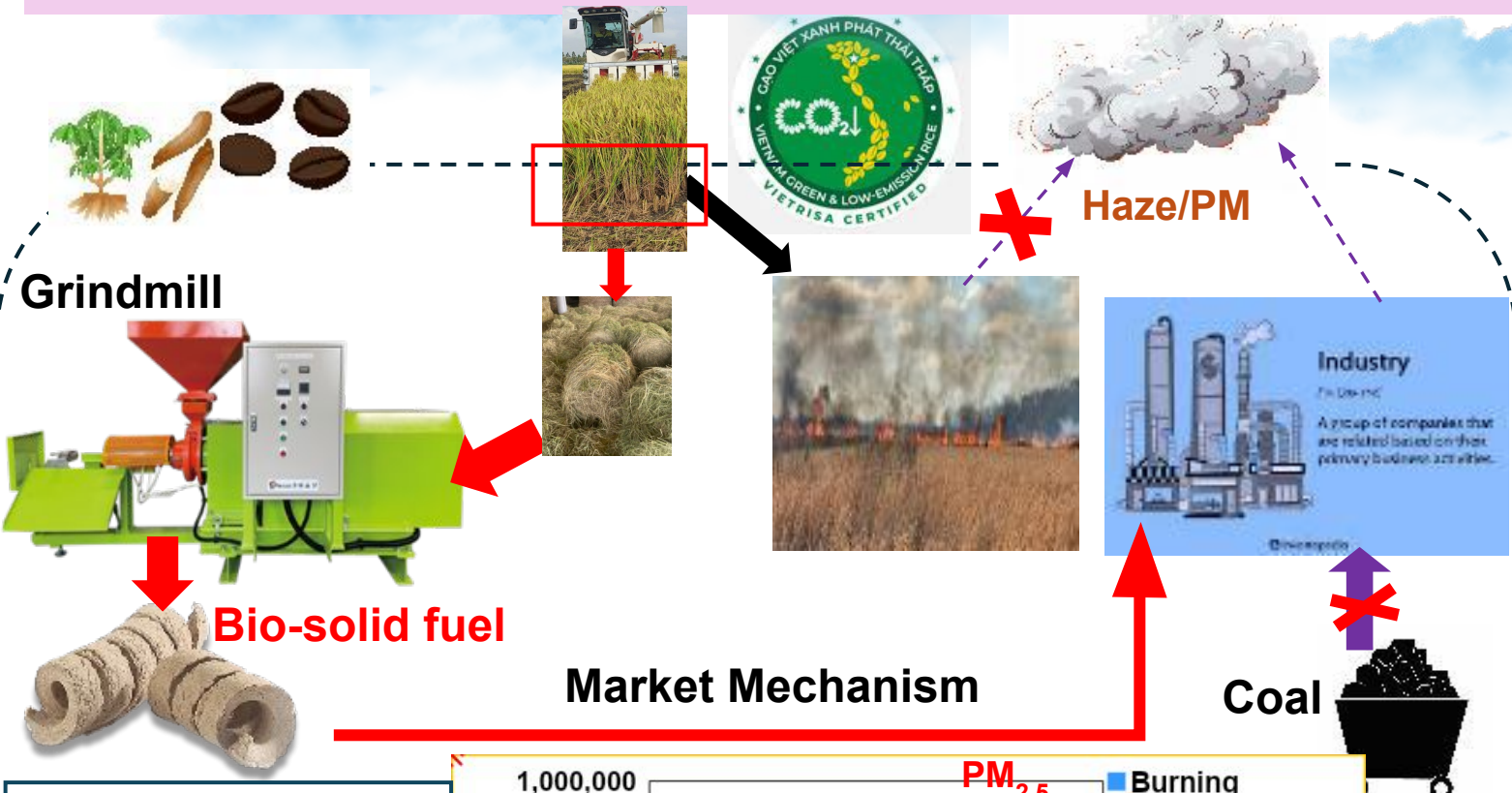


Feasibility Study Project to Replace Coal Fuel with Biomass Solid Fuel Made from Agricultural Waste in Vietnam

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[Conclusion] Difficult to justify economically

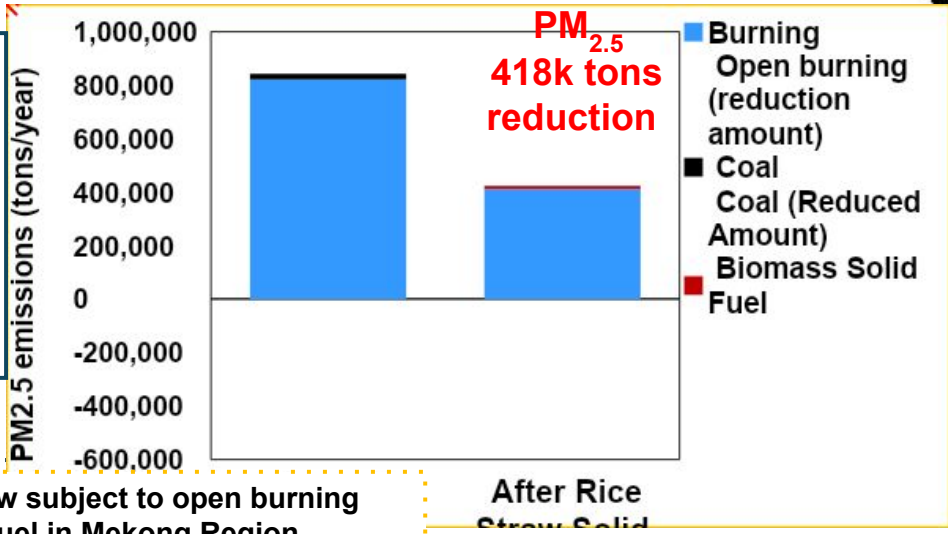
Calorific Value Unit Price: Rice Straw 430 VND/1,000kcal vs Coal 300 VND/1,000kcal

[Key Discovery] Identified a model that is economically viable without JCM support

- Model ①: Rice Husk Substitution (Demand Side)
 - Annual Fuel Cost Savings: +242 million VND/year
- Model ②: Farmer Community Operation (Supply Side)
 - Annual Revenue: +111 million VND/year
 - Payback period: 4.2 years

[Suggestion] Demonstration Project

- Introduce several grinding mills and conduct on-site demonstration activities
- Collaboration with other programs: **1M hecta low emission rice**
- Capacity building and technical assistance
- Review the demonstration activities and considering next steps



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Conversion of 50% of rice straw subject to open burning converted into biomass solid fuel in Mekong Region