

PIM FOR AHA JAYA FARM LIVESTOCK GROUP IN MANISRENGGO DISTRICT, KLATEN, CENTRAL JAVA USING PLTS TECHNOLOGY TO INCREASE BUSINESS PRODUCTIVITY

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ABSTRACT

ASHA JAYA FARM (AJF) is a dairy goat farm located in Leses Hamlet RT 08 RW 05, Leses Village, Manisrenggo District, Klaten Regency, Central Java province and is managed by a group of economically productive people. The problems faced by the AJF livestock group cover the fields of: production, management, and marketing. The production problem in question is an effort to maintain the quality of milk in refrigerator/freezer storage. Management and organizational issues related to the organizational structure and division of tasks that still need to be reorganized. The marketing problem is that the sale of dairy milk still relies on milk processing factories so that the selling value is low. The objectives of this PkM activity are to: (1) form/develop a group of people who are energy independent so as to reduce operational costs; (2) Maintain the quality of milk production; and (3) improve skills in managing dairy products, (4) introduce environmentally friendly technology to reduce dependence on electricity from PLN. The results of this PkM activity are: (1) Developing a group of people who are energy independent so that they can reduce operational costs, especially for paying electricity bills, (2) The PLTS unit is able to increase the continuity of electricity service and can improve the quality of milk yields, (3) Installation of the PLTS unit can be used as a means to introduce environmentally friendly technology to reduce dependence on electrical energy sources from PLN.

Kata Kunci: *animal husbandry, goat milk, PLTS, renewable energy*