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Optimising Empowerment of Fostered Villages for Village

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Abstract

The increase in salt imports by the Indonesian government should prompt coastal communities endowed with extensive marine resources to improve their salt production, subsequently catering to the demands of the industrial sector. The primary objective of the target village empowerment program is to assess the impact of implementing geomembrane technology on the augmentation of revenue among salt producers residing in Bulu Cindea Village, located in the Pangkep Regency. The present study employed descriptive analysis and income analysis methodologies. Descriptive analysis offers a more accurate depiction of the indigenous knowledge and practices used by salt pond producers. The examination of income assesses the earnings of salt pond farmers about implementing the PDB program. The present study examined the potential enhancement of pond farmers' income through implementing the PDB program. This was accomplished by analyzing variance, followed by a t-test, to assess the impact of salt farmers' income on adopting geomembrane technology. The results revealed a statistically significant difference ($p < 0.05$) between salt farmers' income before and after the utilization of geomembrane technology, indicating a positive effect on their overall income. The findings suggest that implementing the PDB program, specifically through geomembrane technology, can enhance the socioeconomic conditions of salt producers residing in Bulu Cindea Village.

