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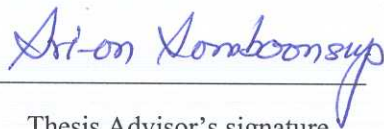
The objectives of this study were (1) to study the background of plastic wastes as raw material for plastic resins production in Changwat Chon Buri; (2) to perform the feasibility of investment on plastic resins factory from laminated plastic wastes covering technical, marketing, organization and financial aspects of the project; (3) to perform the sensitivity analysis of the project.

The study used primary data gathered from interviewing officials of Chon Buri Provincial Administration Organization about integrated plastic wastes of Chon Buri Integrated Solid Waste Management Center and secondary data collected from literatures review for estimating cost and benefit of plastic resins factory from laminated plastic wastes.

The results of the study indicated that at discount rate 12%, the project was feasible with NPV equal to 322.32 million baht, which was greater than zero, BCR was 1.25, which was more than one, and IRR was 40.66 %, which was higher than the opportunity cost of capital at 4%. The sensitivity test was carried out in three cases; firstly, the project costs were increased 10% and the project benefits were not changed, secondly, the project benefits were decreased 10% and the project costs were unchanged, and thirdly, the project costs were increased 10% and the project benefits were decreased 5% simultaneously. It was found that the project was still worthwhile for investment in all cases.



Student's signature



Thesis Advisor's signature

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