

## SUMMARY

**Himawan Haru Musapratomo**, Department of Urban and Regional Planning, Faculty of Engineering, University of Brawijaya, August 2016, *Rekomendasi Peningkatan Kinerja Industri Pabrik Gula di Kabupaten Sidoarjo*, Academic Supervisor : Ir. Ismu Rini Dwi Ari, MT., Ph.D and Chairul Maulidi, ST., MT.

Sidoarjo is a Regency in East Java province, known as the major city of Surabaya and a buffer included in the Gerbangkertosusila. Fisheries, industry and services is the main economic sector Sidoarjo. The economic activities of the industrial sector was the largest sector which contributes towards the formation of GDP Sidoarjo, amounting to of 50,96%, then the sugar industry which consists of four government-owned sugar factory in Sidoarjo Regency is one of the industries that contribute, PG, PG. Watoetoelis. Kremboong Toelangan., PG, and PG-13. New temples. The Directorate General of plantations Ministry of agriculture notes the production of sugar from the corporate government in 2014 only contributed by 60% i.e. of 1.51 million tonnes out of a total national production of 2.58 million tonnes, whereas the needs of the national sugar reaching 5.7 million tons in 2014. For it is necessary recommendations to improve performance of industrial sugar factory in Sidoarjo.

The purpose of the study is to know the potential and the problems of industrial sugar factory in Sidoarjo Regency and to know the recommendations are used to improve the performance of industrial sugar factory in Sidoarjo. Analysis of the method used is descriptive method in looking for potential and problems of industrial sugar factory in Sidoarjo Regency, analysis of the roots of the roots of the problem and the objectives, analysis of the linkage system, as well as analysis of AHP to seek appropriate recommendations to improve the performance of industrial sugar factory in Sidoarjo.

The results of the analysis of potential problems, namely the potential that exists in Sidoarjo Regency, the sugar industry from aspects of labor, marketing aspects, and aspects of the Association. Then a problem that exists in Sidoarjo Regency, namely sugar factory from the labor aspect, the aspect of technology, marketing, raw materials, and policy aspects. AHP analysis of results obtained for the recommendations for each of the alternatives in which order of priority performance improvement industry namely Sidoarjo sugar factory as well as the role of the Government in improving the performance of industrial sugar factory in particular aspects of raw materials by means of expansion of land acreage of sugar cane sugar cane cultivation and optimization process. Then the second stage that is improving the quality of human resources through the absorption of the workforce with the skills and training to perform the labor of the sugar factory. The use of production machines that are more sophisticated and precise as well as capacity building for milling factory. The last alternative, namely the expansion of the production results mainly marketing area outside area of East Java province became the last sequence in an attempt to improve the performance of industrial sugar factory in Sidoarjo.

**Keywords:** industry, sugar factories, potential problems, recommendations.