CONCEPT OF AGRICULTURE-BASED INDUSTRY DEVELOPMENT IN THE REGIONAL DEVELOPMENT OF MAGETAN REGENCY

Name: Alfian Permana Putra  
NRP: 3606.100.052  
Department: Perencanaan Wilayah dan Kota FTSP-ITS  
Advisor: Putu Gde Ariastita, ST, MT

Abstract

Magetan is among regencies in province of East Java which is predominant in agricultural sector. However in its development, agricultural sector hasn’t performed a great contribution in the regional development. Therefore, agricultural development should be followed with complementary sector development of agriculture-based industry so it would be obtained added value from outside of agricultural land. In order to create the added value, it would need a concept of agriculture-based industry in which should be appropriate to Magetan Regency.

This study uses five analysis tools which consist of LQ analysis, shift share analysis, cluster analysis, Delphi analysis, and Triangulation Analysis. LQ analysis and shift share analysis used to determine predominant agricultural commodities. Cluster analysis used to group the regional typology based on the characteristic of industrial development potential and predominant commodities. Delphi analysis used to determine industrial activities type that is match with the predominant commodity of each regional typology. Then the Triangulation analysis used to formulate the concept of agriculture-based industrial development in each regional typology determined before.
The result of entire analysis shows the concept of agriculture-based industrial development in each regional typology. In typology I region, there shall be development of flour industrial center with the base of raw material in district of Barat, Takeran, Karangrejo, Nguntoronadi and Kartoharjo. It shall also develop the processing core in district of Bendo and the marketing core in district Maospati. In typology II, region there shall be development of banana-chip industrial center with the base of raw material in district of Panekan and Poncol. It shall also develop the processing core in district of Parang and the marketing core in district Plaosan. In typology III region, there shall be development of leather-tannery minor industrial environment in district of Ngariboyo. It shall also develop the leather industrial center in district of Magetan with the base of raw material in district of Lembeyan, Karas, Sukomoro and Kawedanan along with marketing center in district of Magetan.

Key words: agricultural commodity, industrial region typology, agriculture-based industry