

ABSTRACT

Transportation is an activity carrying humans or stuffs from one place to another using an man power vehicles or machine vehicles. Transportation makes humans easier to do their daily activities.

Based on President Regulation number 9 year 2005 which is contained position, duty, function, organization structure in ministry of Indonesia, Ministry of transportation helps president in handling a part of government affair in related to transportation sector. This transportation sector affair is held to support national sustainable development. Development in transportation sector will give huge influences to national economic because transportation plays an important role in stuff, passanger, and service to all over country and abroad.

Development in transportation sector is held by carrying activitie which are related to transportation such as building and renovating transportation means. Those activities should be monitored related to fund usage, amount of activities, and fund release. This monitoring is handled by Financial and Equipment Bureau of Ministry of Transportation. The result of this monitoring will be used as consideration in compiling annual report for Minister of Transportation through General Secretary of Ministry of Transportation.

From statistic which is launched by Ministry of Transportation, it is known that the amount of activities that should be monitored always increase year by year. So that monitoring process seems difficult to do manually. Solution is needed to overcame this problem. One of proper solutions is by designing a Geographic Information System which can make monitoring become easier.

This final project will contain designing of Geographic Information System for Fund Usage Monitoring of Ministry of Transportation Project. Output which is expected are data of transportation project, fund usage thematic, percentage of amount of transportation project, and report of fund usage in each province in Indonesia Those output will be used to analyze the development in transportation sector in each province. This analysis is used by the government as consideration to determine policies realted to transportation developmentin each province.

Keyword: Geographic Information System, monitoring, transportation.