

ABSTRACT

The development is basic process that has been conducted by human beings since long time ago. Yet, the development is an action that needs good planning , periodically and continuous. Bappenas as government corporation that is responsible to plan and develop region nationally, will be very careful in conducting the pattern of development. Getting into region autonomy, the development can not be conducted by primary government, but the local government. Due to that reason, Bappenas needs an information system that is able to support the performance of Bappenas so that it will be more guided in determining, controlling, and evaluating the developments in regions for reaching a good region autonomy system. Moreover, the need of information system is bigger for the society, especially the society of city, so that this information system can support the government in moving fast to play its role in conducting better region autonomy system.

In designing this information system, information system used is Geographical Information System that can keep the data, analyze, and show it in the form of geographical visual. The ability of Geographical Information System including spatial data and non-spatial can make the controlling of region autonomy with mapping-based easier for Bappenas. With this system, potential regions or not, will be easily recognized and learned because the characteristic of Geographical Information System that can show the data in thematic map based on needs. The visualization of non-spatial data (can be called as attribute data) can be showed together with its spatial data, so that the decision-taking can be more effective for Bappenas.

The attribute data used in designing this Geographical Information System includes the number of employees, the revenue of region, the number of department, the number of inhabitant, and the width of region per regency. The output wanted in the form of The existing map of West Java with visualization of its potential regions in different colour based on potential status of regencies in West Java. From the result of research, this Information System is more practical if it is compared with the previous information system so that make the management of Bappenas can maximally conduct the region autonomy .

KeyWords: GIS, Bappenas, Region Autonomy, West Java