

Institutional direction of geospacial information for supporting development equality = Arah kelembagaan informasi geospasial yang mendukung pemerataan pembangunan

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Abstrak

ABSTRAK

Spatial inequality occurs because the rate of availability of geospatial data has not been able to catch up and meet user needs. The root of the problem occurs because the network nodes in the area have not yet been formed or dissolved. The institutional status of network nodes at the provincial level as of October 2018, only 20 out of 34 provinces are operational, with 4 institutional options, namely UPT, Bappeda, Ad Hoc Regional Secretary and Ad Hoc Diskominfo. This triggered anxiety for 14 regions that had not yet formed network nodes and 3 other UPTDs that were still awaiting evaluation results. To determine the institution of ideal geospatial information, BIG has conducted a study of institutional arrangements to realize effective and efficient regional apparatus organizations according to their duties and functions. The study with qualitative research methods was carried out by analyzing criteria and rating on institutional aspects in order to strengthen IDSN, based on applicable policies and laws as well as the results of the network node operationalization questionnaire in the province. Furthermore, the study was strengthened using quantitative research methods by comparing the costs and benefits of each institutional option (cost and benefit analysis) through the net present value approach. The results of the two methods are 2 alternative institutional geospatial information with the best value, namely Option 1 UPTB Ideal for the long term and Option 3 Ad Hoc in Regional Secretary Quick Win for the medium term.