

Increasing added value for the new city of walini through infrastructure project development

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Abstrak

The government of Indonesia continues to promote infrastructure development in various sectors such as road transport, ports, and new railway lines. One of the large infrastructure projects that aims to increase regional and national economic growth is the high-speed rail line linking Jakarta and Bandung. The connecting of these two major cities (Jakarta in the north-west of Java Island and Bandung in the south-west) will significantly contribute to the country's gross domestic product (GDP). As one of the areas that will be connected to the high-speed rail line, Walini has tremendous potential for development. There is the opportunity to develop the new city as a center for agriculture commodities such as tea and rubber, but other city development formats should also be considered, such as business capital, government functions, or IT. The development of Walini requires proper planning and a comprehensive conceptual design which focuses on the vision developed in the initial blueprint. This research aims to conduct a comprehensive study by considering development prospects and regional characteristics, as well as added value to increase competitiveness in terms of infrastructure, technological readiness, and urban development. It will combine approaches from both qualitative perspectives and quantitative investigation, using in-depth interviews and a decision matrix as evaluation tools to select the best alternative for the direction of city planning. This study produces a strategic recommendation for government and other related stakeholders about regional development and urban city planning for Walini as a new IT-based city and technology park.