



Planning for Cikapundung Terrace Development in the Cikapundung River Watershed, Bandung City

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Abstract

Bandung, as one of the centers of development in Indonesia, continues to transform to meet the increasingly complex needs of the community. One development project that has attracted attention is the "Cikapundung Terrace Development Planning in Coblong District." The Cikapundung Terrace symbolizes the harmonious interaction between nature and urbanization, creating a comfortable and sustainable space for the citizens of Bandung. This research adopts a literature study approach, especially in the form of a literature review, with the selection of a narrative review model. The study procedure in this narrative review model involves comparing data from a number of international journals that have been analyzed and then compiled in a summary based on the author's experience, theories, and relevant models. The research method implemented is qualitative, using data sources in the form of secondary data obtained from a number of international journals, articles, and previous studies that have been analyzed by the author related to the issues that are the focus of this research. This research adopts an analytical descriptive method by collecting, identifying, compiling, and analyzing various data found. From the above explanation, it can be understood that the development of the Cikapundung Terrace provides an opportunity to improve the economy of the community while adding a tourist destination and a place for social activities in the community. At the local level, the presence of Teras Cikapundung creates economic potential in various ways. First of all, the presence of this tourist spot can create direct employment opportunities, such as janitors, recreational facility operators, and administrative personnel. In addition, the emergence of small businesses such as food and souvenir vendors around the Cikapundung Terrace area can have a positive economic impact on local businesses. The Cikapundung basin is a mirror of how urban development can be integrated with sustainability and community well-being. As a successful model, the project can serve as an inspiration for the development of other green open spaces in different regions. Through a joint effort between the government, academic institutions and the community. It can be concluded that the Cikapundung Terrace Development Planning in the Cikapundung River Watershed of Bandung City has achieved its objectives.

Keywords: *Development Planning, Cikapundung Terrace, Bandung City.*

1. INTRODUCTION

The city of Bandung, as one of the centers of development in Indonesia, continues to transform to meet the increasingly complex needs of society. One of the development projects that is attracting attention is "Planning for the Development of Cikapundung Terrace in Coblong District." The Cikapundung terrace is a symbol of the harmonious interaction between nature and urbanization, creating a comfortable and sustainable space for the citizens of Bandung City.



The Cikapundung River itself is one of the rivers that flow in the Greater Bandung area, making a vital contribution to West Bandung Regency, Bandung Regency, and Bandung City (Dewanti 2017). The Cikapundung River Watershed (DAS) covers an area of 15,386.5 hectares. This river originates from its source on Mount Bukit Tinggil, flows across the Bandung City and Regency areas, and ends with its mouth at the Citarum River. The Cikapundung River has a total length of around 28,000 meters, with a river width of 22 meters upstream and 26 meters downstream (Selamet 2004). The Cikapundung River is known as one of the tributaries of the Upper Citarum River Watershed (DAS), which acts as the main source of raw water for drinking water needs, irrigation systems, and the fisheries sector in the Bandung City area (Rahayu, et al., 2018).

The Cikapundung River is surrounded by several buildings, most of which are residential areas, this phenomenon is related to population growth which continues to increase (Murran & Suciyan, 2021). The surge in population growth has had an impact on increasing demand for housing, which has resulted in the use of protected and cultivated land as residential locations (Dewanti, 2017). The increase in population in urban areas creates a need for larger residential land, causing a reduction in the availability of green open space in large urban areas (Suciyan and Hinanti, 2021).

With the increase in population, the need for healthy air and recreational areas also increases. Therefore, the Ministry of Public Works and Public Housing, the Bandung City Government, the Bandung Institute of Technology, and the Cikapundung River Environmental Activist Community are working together to build the Cikapundung Terrace to preserve the green open environment and an educational tourist spot for the community by utilizing the banks of the Cikapundung River in Babakan Siliwangi, Coblong District., Bandung.

This article will discuss the planning for the development of the Cikapundung Terrace, exploring the background, objectives, and expected impacts. This planning process involves various aspects, such as environmental sustainability, use of public space, and community participation in exploring the potential of Cikapundung Terrace as a center for social and economic activities.

Through this article, it is hoped that readers can thoroughly understand the planning for the construction of the Cikapundung Terrace in Coblong District, Bandung City. In this way, we can together celebrate this step forward towards a city that is sustainable, beautiful, and highly competitive.

2. METHOD

This research adopts a literature study approach, especially in the form of a literature review, by selecting a review model in the form of a narrative review. The study procedure in this narrative review model involves comparing data from several international journals which have been analyzed and then compiled into a summary based on the author's experience, relevant theories, and models. The research method implemented is qualitative, using data sources in the form of secondary data obtained from several international journals, articles, and previous research which have been analyzed by the author regarding the problems that are the focus of this research. This research adopts a descriptive-analytical method by collecting, identifying, compiling, and analyzing various data found.



3. RESULT AND DISCUSSION

Cikapundung Terrace, a park that carries urban and ecological concepts, is located in Coblong District, on the edge of the Cikapundung River Watershed (DAS), Bandung City. This park was inaugurated to the public on January 30 2016 and is the result of collaboration between the Ministry of Public Works and Public Housing, the Bandung City Government, the Bandung Institute of Technology, and the Cikapundung River Environmental Activist Community. With its strategic location, Teras Cikapundung has become an Eco-Techno River Park in the city center, acting as the main attraction of Bandung City as an international tourist destination. Its function includes public open space for conservation, education, sports, and economic empowerment activities for the surrounding community.

The Cikapundung Terrace is designed as a divided area, including an urban zone and a natural zone connected by a red bridge which is the main landmark. Apart from that, the existence of the Cikapundung Terrace is expected to increase public awareness of the importance of rivers and environmental sustainability. In the current era, the emphasis on green open space (RTH) is increasing as part of efforts to maintain environmental quality, especially in urban environments (Imansari & Khadiyanta, 2015). Various initiatives have been taken to green urban areas, especially along river banks, to prevent erosion, provide habitat for animals, carry out water conservation, and other purposes. However, urban areas sometimes do not maximize the potential of river banks for other than ecological functions as well as social functions. Sometimes, areas around river banks lose their ecological function due to the transformation from natural rivers to canals, especially in urban areas close to estuaries (Aprillia, et al., 2020). Therefore, it is hoped that areas around river banks in urban areas can fulfill both ecological and social functions simultaneously.

This park displays a unique attraction, providing an interesting experience for its visitors. Located on the banks of the Cikapundung River, this park offers stunning natural panoramas and a calm atmosphere, making it a popular destination for both tourists and tourists residents. The Cikapundung Terrace provides various facilities for recreation and outdoor activities. Visitors can enjoy the beauty by strolling along the scenic paths, crossing the wooden bridge that connects the two sides of the park, or relaxing on the park benches scattered throughout the area. The presence of shady trees and scattered green vegetation creates a fresh and comfortable atmosphere. Along with the growth of cities and the human population in them, public open spaces have become a key element in urban planning, acting as the lungs of the city that support people's lifestyles (Hasim, et al., 2018). Green open space (RTH) is not only the lungs of the city, but also a place for socializing, relaxing, and even reflecting the urban image. Nevertheless, ecological functions remain the main function of green open space (Liem and Lake, 2018).

Apart from that, Teras Cikapundung also provides various sports and recreation facilities. There is a large field area for playing football or kites with family and friends. For water sports fans, the Cikapundung River which flows around the park is an ideal place for activities such as water cycling or paddle boating. The authenticity of nature and environmental sustainability make Cikapundung Terrace the perfect location for picnics and family gatherings. The picnic area located along the river offers stunning panoramas and a relaxed atmosphere. Visitors can bring a picnic mat and enjoy time relaxing while enjoying snacks or having a picnic together. The Cikapundung terrace is often used as a place for community meetings, interaction with residents, recreation, and children's play activities. However, sports facilities are not available in this green open space (Aprillia, et al., 2020).

Apart from that, the Cikapundung Terrace also provides a large green area for playing activities and interacting with the natural environment. This area is specially designed for children, equipped with various games such as slides, swings, and other play facilities. Apart from being a popular place for morning exercise activities such as jogging or cycling (Aprillia, et al., 2020), this park also plays an



important role in preserving the environment. The park management and local government show high concern for the cleanliness and welfare of the Cikapundung River. This effort is reflected in the "Clean Cikapundung" program, which was initiated to increase public awareness of the importance of keeping rivers and the surrounding environment clean. Through this program, they invite the active participation of the community and visitors to take part in river cleaning activities and reduce the use of plastic. The Cikapundung terrace is also often used as a venue for various cultural and artistic events. The open stage in this park is often used for musical performances, dances, and various other artistic events. This initiative adds additional charm to the park, making it a dynamic and vibrant place.

Based on (Riyadi and Bratakusumah, 2004) which defines that: Regional development planning is a development planning process that is intended to make changes towards a better direction of development for a community, government, and the environment in a particular region/area, by utilizing or utilizing various existing resources, and must have a comprehensive, complete orientation, but still adhere to the principle of priority. The success or failure of a regional development planning program is always influenced by various factors.

Factors that can influence regional development planning are very likely to differ from one region to another. This depends on the situation and conditions currently prevailing in each region. Several aspects need to be considered in regional development planning, namely environmental aspects, aspects of planning institutions, space and time, as well as aspects of policy legalization (Riyadi and Bratakusumah, 2004).

The Cikapundung Terrace was built to carry out arrangements along the Cikapundung River Border Area to accommodate community social activities and explore the potential in the surrounding area. In the construction process, the Cikapundung Terrace project was divided into several stages over approximately one year. From the laying of the first stone in October 2013, it should have been completed by the end of 2014. So that it could be enjoyed by residents in early January 2015. However, until the end of 2014, this central government project had not been completed. Not to mention the relocation process for riverbank residents who are still difficult to relocate.

In 2015, redevelopment progressed significantly, and several problems were resolved until on January 30, 2016, the Cikapundung Terrace was finally opened to the public. From then until now, Cikapundung Park has experienced many changes and the addition of new objects which have become tourist attractions and become a place for social activities for residents.

From the explanation above, it can be understood that with the construction of the Cikapundung Terrace, opportunities are opened to improve the economy of residents as well as adding tourist destinations and venues for social activities in the community. At the local level, the presence of the Cikapundung Terrace creates economic potential in various ways. First of all, the presence of this tourist attraction can create direct employment opportunities, such as janitors, recreational facility operators, and administrative staff. Apart from that, the emergence of small businesses such as food and souvenir sellers around the Cikapundung Terrace area can have a positive economic impact on local business actors.

Apart from that, the Cikapundung Terrace is an attraction for tourists, both local and foreign. The arrival of tourists can increase regional income through the tourism sector, which includes accommodation, transportation, and various other businesses that support tourist needs. Thus, the Cikapundung Terrace is not only a symbol of natural beauty and recreation but also a driver of economic growth at the local level.

Apart from the economic aspect, Teras Cikapundung also contributes to social activities in the community. As a public space, the park is a venue for various community activities, social gatherings,



and cultural events. This creates space for people to come together, interact, and strengthen social ties. The existence of facilities such as an open stage also provides a platform for various arts and cultural events that involve community participation. Thus, Cikapundung Terrace is not just a physical project, but also an initiative that embraces economic and social aspects, encouraging sustainable growth and prosperity of the local community.

4. CONCLUSION

Cikapundung Terrace in Coblong District, Bandung City, is not just a park with an urban and ecological concept, but also a deep initiative in improving the quality of life of the community and environmental sustainability. With various recreational facilities, sports, and green areas, Cikapundung Terrace is not only a tourist attraction but also plays an important role in enriching the social life of the community. It is important to note that this development not only provides economic benefits through increased tourism and local employment opportunities but also provides a platform for social and cultural activities. The "Clean Cikapundung" program which was launched shows responsibility for environmental sustainability, creating awareness of the importance of keeping the river and its surroundings clean. The Cikapundung Terrace is a reflection of how urban area development can be integrated with sustainability and community welfare. As a successful model, this project can be used as inspiration for the development of other green open spaces in various regions. Through joint efforts between government, academic institutions, and society. So it can be concluded that the Cikapundung Terrace Development Planning in the Cikapundung Watershed, Bandung City has achieved its objectives.

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