

Physical Aspects in The Feasibility Study of Revitalization For Merdeka Field in Medan

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Abstract. This revitalization is carried out by reorganizing the function of space, and cultural values, and strengthening information about cultural heritage, as stated in Law Number 11 of 2010 concerning cultural heritage in article 80 paragraphs (1) and (2). Following the principle of development in general, revitalization must provide benefits to improve the quality of life of the community. This revitalization feasibility study uses primary data and secondary data. The results of the feasibility study on the revitalization of Merdeka Field Medan are the condition of the existing facilities and infrastructure of Merdeka Field, many of which are damaged or no longer functioning. There are even landfills in several corners of the Merdeka Square area. The drainage channels of the area are also not well integrated into the city's drainage system. And based on the problem of existing infrastructure, the Merdeka Square revitalization plan is very feasible to do.

Keywords: Merdeka Field Medan; Physical aspects; Revitalizing

INTRODUCTION

Merdeka Square, which is designated as a Cultural Heritage of Medan City following Perwal No. 433/28K/X/2021, functions as a green open space that requires it to be free of buildings and supports the Central Government's program through the Ministry of Public Works program which designates the Area as an Old City Heritage Area. Merdeka Square has become an object of historical area for the introduction of historical ornaments that are located/placed to remind the history of Medan City and the historical values of Medan City's journey attached to it. Nowadays Merdeka Square is often used to spend their time relaxing and recreational, both with family and travelers from outside the city. The facilities and infrastructure in Merdeka Square can no longer accommodate their functions as public facilities. In fact, some of them are not in accordance with the regulations that bind Merdeka Square as a Cultural Heritage of Medan City. Therefore, it is necessary to revitalize the Medan Merdeka Field Area to be

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able to meet the need for infrastructure in the independent field area which is currently urgently needed to realize community welfare through improvement, services, empowerment, and community participation.

This revitalization is carried out by reorganizing the function of space, and cultural values, and strengthening information about cultural heritage, as stated in Law Number 11 of 2010 concerning cultural heritage in article 80 paragraphs (1) and (2). Following the principle of development in general, revitalization must provide benefits to improve the quality of life of the community. In Revitalization, the main basis for revitalization is the readiness of the cultural heritage itself to be revitalized. Revitalization is an effort to revitalize an area or part of an area that was once vital/alive, but then experienced setbacks/degradation. Overcoming these problems, revitalization is needed which includes improving physical aspects, economic aspects, and social aspects.

LITERATURE REVIEW

The physical aspect is an aspect that analyzes the existing conditions (existing conditions) of the Development of the Medan City Merdeka Field Area. In this study, the physical aspects include identifying problems with the condition of existing buildings in the Merdeka Square area and identifying existing infrastructure in the Merdeka Square area and its surroundings.

RESEARCH METHOD

The study preparation of a feasibility study for the Merdeka Field revitalization program uses primary data and secondary data. The feasibility recommendations in this study are the basis for consideration to decide or determine the feasibility level of the revitalization of the Merdeka field. Eligibility recommendations are evaluated for each of the interrelationships as a whole (holistically), taking into account the analysis. This study discusses the physical aspects of the feasibility of revitalizing the independent field through topographical conditions and road infrastructure and accessibility.

RESULT AND DISCUSSION

As one of the public open spaces, Merdeka Square is always crowded with people in Medan and its surroundings in the morning, afternoon, evening, and evening to carry out various kinds of activities. However, over time the existing facilities available have

been damaged or insufficient in terms of quantity and quality, so they are no longer able to accommodate the needs of visitors.

Topography

The topographical condition of the Merdeka Square area is relatively flat. This is an advantage because flat land conditions will make it easier to plan and implement physical development and civil engineering. Thus, from the topographical aspect, the revitalization plan for the Merdeka Square area in Medan city is feasible to be implemented.



Source: Documentation, 2022

Figure 1. Topographic Conditions of the Merdeka Field Area

Road Infrastructure and Accessibility

As a public open space, Merdeka Square in Medan can be accessed from 4 sides. The road sections on all four sides are also relatively wide (ranging from 16 to 20m), equipped with traffic signs and the availability of fairly wide pedestrian lanes (around 2 m). parking services in the Merdeka Square area are not adequate in terms of comfort and safety, and also cannot accommodate the needs of visitors.

The following is the existing infrastructure of Merdeka Field Medan.

Table 1. The existing infrastructure of Merdeka Field Medan.



The monument of the struggle for independence with unwanted conditions and there was some damage to the sides of the monument.



Musholla suffered heavy damage to ablution grounds and bathrooms.



Running track The ground is wet and sticky if it rains, lots of trash cans at some point.



Skate Park suffered minor damage, stagnant water if it rained



Toilets are damaged



Unkempt drainage

Based on the results of a survey of existing infrastructure in the Merdeka Square area, it can be concluded that repairs and even changes are needed so that they can be enjoyed by visitors to the Merdeka Square area. And therefore the Merdeka Square

revitalization plan is very feasible so that the role of Merdeka Square as a public open space can be optimized

CONCLUSION

Based on some of the results of the analysis that has been carried out in the previous chapter, it was concluded that the condition of the existing facilities and infrastructure of Merdeka Square was damaged or no longer functioning. There are even landfills in several corners of the Merdeka Square area. The drainage channels of the area are also not well integrated into the city's drainage system. And based on the problem of existing infrastructure, the Merdeka Square revitalization plan is very feasible to do.

REFERENCES

Husnan, Suad & Muhammad, Suwarsono. 2014. Studi Kelayakan Proyek Bisnis Edisi Kelima. Yogyakarta. UUP STIM YKPN.

Kasmir & Jakfar. 2012. Studi Kelayakan Bisnis. Cetakan ke Delapan. Jakarta: Kencana.

Peraturan Pemerintah Nomor 21 Tahun 2021 Tentang Penyelenggaraan penataan ruang

Peraturan Pemerintah Nomor 22 Tahun 2021 Tentang Penyelenggaraan Perlindungan dan Pengelolaan Lingkungan Hidup.

Peraturan Menteri Agraria dan Tata Ruang / BPN. RI nomor 37 Tahun 2016 tentang Pedoman Penyusunan Rencana Tata Ruang Kawasan Strategis Provinsi dan Rencana tata Ruang Kawasan Strategis Kabupaten

Peraturan Menteri Pekerjaan Umum Nomor 05/PRT/M/2008 tentang Pedoman Penyediaan dan Pemanfaatan Ruang Terbuka Hijau di Kawasan Perkotaan

Peraturan Daerah kota Medan Nomor 1 Tahun 2022 tentang Rencana Tata Ruang Wilayah Kota Medan Tahun 2022 -2042

Peraturan Daerah Kota Medan Nomor 3 Tahun 2016 tentang retribusi tempat rekreasi dan Olahraga

Peraturan Daerah kota Medan Nomor 9 Tahun 2012 tentang Retribusi Pemakaian Kekayaan Daerah

Peraturan Walikota Medan Nomor 4 tahun 2021 tentang Klasifikasi dan besarnya nilai objek sebagai dasar pengenaan pajak bumi dan bangunan perkotaan Kota Medan Tahun 2021

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Peraturan Walikota Medan Nomor 16 tahun 2021 tentang Retribusi Izin Mendirikan Bangunan

Perkim. 2022. Desain Revitalisasi Lapangan Merdeka. Perumahan Kawasan Permukiman dan Penataan Ruang

Perkim. 2022. Kerangka Acuan Analisis Dampak Lingkungan Hidup Kegiatan Revitalisasi Lapangan Merdeka Medan Kel. Kesawan, Kec. Medan Barat, Kota Medan, Sumatera. Perumahan Kawasan Permukiman dan Penataan Ruang

Perkim 2022. Rencana Pengelolaan Lingkungan Hidup rencana Pemantauan Lingkungan Hidup Kegiatan Revitalisasi Lapangan Merdeka Medan Kel. Kesawan, Kec. Medan Barat, Kota Medan, Sumatera. Perumahan Kawasan Permukiman dan Penataan Ruang

Purwana, Dedi & H., Nurudin. 2019. Studi Kelayakan Bisnis. Rajawali Pers: Jakarta.

Sumirat. 2017. Modul 3 Penyusunan Program dan Pembiayaan Pembangunan bangunan Gedung Negara. Kementerian Pekerjaan Umum Perumahan Rakyat Ditjen Cipta Karya.