

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

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Abstract. *The Feasibility Study of the Revitalization of the Merdeka Field in Medan City is to obtain a Foundation of the Planning and Design Program regarding the Development of the Merdeka Field Area in Medan City that meets the needs of the community as a nationally viable public facility. The feasibility study of the revitalization of Merdeka Field in Medan used primary data and secondary data. In the feasibility study of the revitalization of Merdeka Medan Field, it was analyzed through spatial aspects through Medan City Bylaw No.1 of 2022 concerning Regional Spatial Planning (RTRW) and Medan City Zoning Regulations from 2022 to 2042. The result of the feasibility study of the revitalization of Merdeka Field Medan is that the concept planned for the revitalization of Merdeka Square is in accordance with the Regional Spatial Plan (RTRW) of the city of Medan by remaining a Green Open Space (RTH) that functions as a catchment area. In addition, the Merdeka Square area also provides Blue Open Space (RTB) which can function as a medium for water storage and prevention of flooding.*

Keywords: *Merdeka Field Medan; Revitalizing; Spatial Aspects*

INTRODUCTION

Merdeka Square has significance as a historical city space in the old city center of Medan which became the orientation point for the development of the city of Medan as a modern colonial city since the end of the 19th century. Merdeka Square, which is designated as a Cultural Heritage of Medan City in accordance with Perwal No. 433/28K/X/2021, functions as a green open space that requires freedom from 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.

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 Merdeka Field Area in Medan.

Revitalization of sites and cultural heritage areas is useful for bringing out their potential by paying attention to spatial planning, layout, social functions, and/or landscaping of indigenous cultures based on studies.

LITERATURE REVIEW

Merdeka Field Revitalization Planning must be based on various in-depth studies related to certain aspects, one of which is the spatial planning aspect that analyzes the suitability of the spatial plan (land use) and analyzes the location by considering accessibility, the location of the surrounding environmental infrastructure.

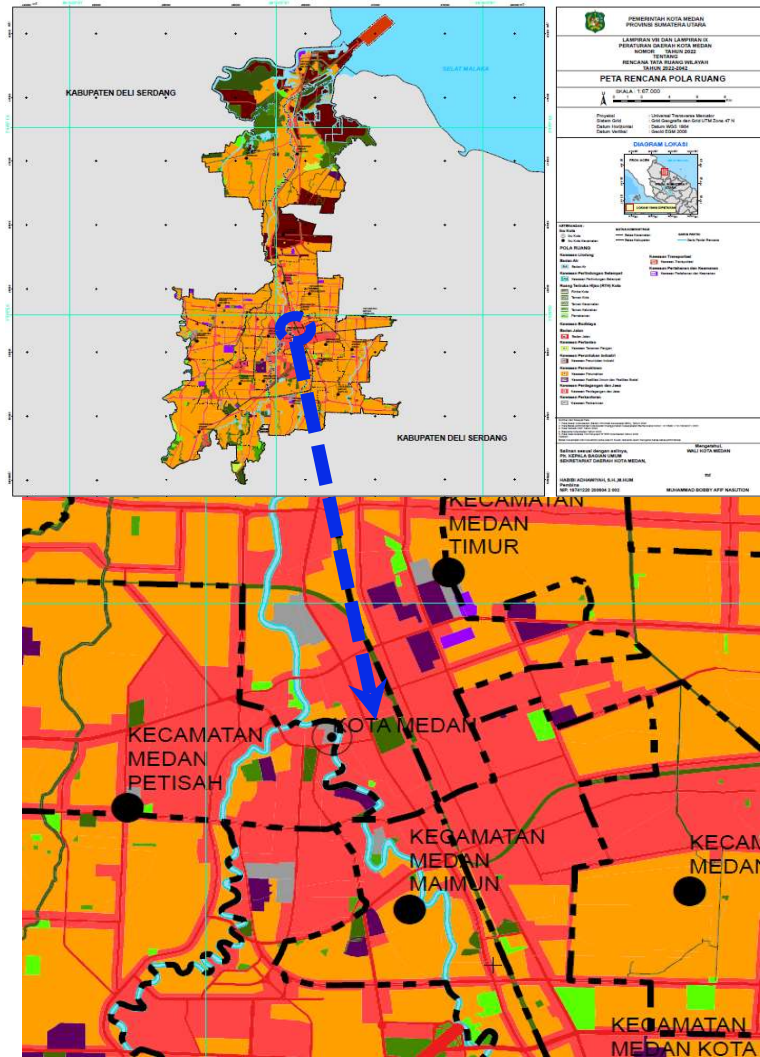
RESEARCH METHOD

The study of 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 spatial aspects of the feasibility of revitalizing the independent field of Medan.

RESULT AND DISCUSSION

Based on Medan City Bylaw No.1 of 2022 concerning the Regional Spatial Plan (RTRW) and Medan City Zoning Regulations from 2022 to 2042, it stipulates that Merdeka Square as a City Service Center (PPK) which functions as a center for trade/business activities, a center for service activities and activities of the provincial and city governments, as well as a regional-scale transportation service center centered on TOD (Transit Oriented Development) Merdeka Field which serves the city center of Medan.

The Merdeka Square space pattern plan is located in a protected area with the RTH-2 (Green Open Space – City Park). The plan for the Merdeka Field Space Pattern can be seen in the following figure:



Source : RTRW Kota Medan, 2022

Figure 1.1 Medan City Space Pattern Plan Map – Merdeka Square

Table 1.1 The Merdeka Field space pattern plan is in a protected area with the RTH-2 area category (Green Open Space – City Park)

Regional Spatial Plan – Medan (Perda No.1 of 2022)			Merdeka Square Revitalization Plan – Medan
Designation	RTH-2	Green Open Space – City Park	Merdeka Square as a Green Open Space that provides public space with various supporting facilities (People's Stage, Kiosk, Cinema, parking, etc.)
KDB (max)	10%	4.404,40 m ²	1.275,75 m ² (2,90%)
KDH (min)	80%	35.235,20 m ²	RTH 40.047,25 m ² (90,93%) Rtb 2.721,00 m ² (8,18%)

In accordance with its designation as RTH-2 (City Park), Merdeka Square in Medan is planned with the concept of green open space and pavement (non-green) that can be used by visitors for various activities, such as sports, gatherings, activities that are social, cultural, religious and political. The minimum KDH required for Merdeka Square is 80% of the total land area (35,235.20 m²), and the planned Green Open Space is 40,047.25 m² (90.93%). In addition to providing RTH Merdeka Field, it is also planned to provide RTB (Blue Open Space) covering an area of 2,721 m² (6.17%). The plan to combine RTH with RTB is a good thing for the surrounding Merdeka Field area and is a solution to prevent flooding during the rainy season and during the dry season to store water reserves that can be used for the benefit of the area. The planned building footprint area is 1,275.75 m² (2.90%), smaller than the allowable building footprint area (4,404.40 m²/ 10%).

Based on the analysis above, it can be concluded that the concept of the revitalization of Merdeka Square has been well planned and follows the RTRW of Medan city in 2022 - 2042.

CONCLUSION

Based on several analysis results that have been carried out previously, it was concluded that the concept planned for the revitalization of Merdeka Square is in accordance with the Regional Spatial Plan (RTRW) of the city of Medan by remaining a Green Open Space (RTH) which functions as a catchment area. In addition, the Merdeka Square area also provides Blue Open Space (RTB) which can function as a medium for water storage and prevention of flooding.

From the conclusions that have been presented above, the advice given is that further studies need to be carried out which only focus on Merdeka Square as part of the cultural heritage area as a crowd center at one point of specialization location for the community and residents around West Medan and Medan City.

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