

Utilization of Yard Land as an Effort to Increase Green Open Space in RT 01 RW 03 Tugu Selatan Village

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ABSTRACT

Therefore, every city in DKI Jakarta Province, especially in the city of North Jakarta, needs a strategy on how to fulfill at least 30% of green open space. The community service activity entitled utilization of yard land as an effort to increase green open space in RT 01 RW 03 Tugu Selatan village aims to increase the percentage of private open space on land owned by residents in RT 01 RW 03 Tugu Selatan village, North Jakarta so that it can increase the percentage so that in the end it can be fulfilled at least 10% by using a method that is by giving seeds, plants and planting together in residents' yards. The results show that there is an increase in green open space in RT 01 RW 03 Tugu Selatan village, North Jakarta.

INTRODUCTION

According to Indonesian Law No. 26 of 2007 concerning Spatial Planning, article 29 clearly regulates that at least 30% of areas must be provided and utilize green open space, where 20% is reserved for public open space and 10% is reserved for private open space on lands owned by the private sector or citizens (Andrea & Bella, 2023). Green open space is an elongated/lane and/or grouped area, the use of which is more open in nature, where plants grow, both those that grow naturally and those that are deliberately planted (Iqbal et al., 2023). The existence of green open space in DKI Jakarta Province still does not meet 30% (Prakoso & Herdiansyah, 2019). Green open space can also be defined as utilization and land surface covered by natural plant elements and planted by residents (Murtini et al., 2020). Natural plant elements can be used in various fields that benefit residents (Yapici, Ismail; Izol, 2011).

North Jakarta City is one of the administrative cities in DKI Jakarta Province which is not spared from regional development and development so that land conversion in green open space is inevitable (Wijayanto & Hidayati, 2017). Solutions and strategies are needed so that green open space in the city of North Jakarta can meet the percentage of private open space so that in the end, green open space in the city of North Jakarta can meet a minimum of 30%. The community service activity entitled utilization of yard land as an effort to increase green open space in RT 01 RW 03 Tugu Selatan village aims to increase the percentage of private open space on land owned by the community in RT 01 RW 03 Tugu Selatan village, North Jakarta so that it can support the increase in the percentage that in the end green open space both public green open space and private green open space in total can be fulfilled at least 30%.

The yard is a garden of a resident's house that can be managed and utilized for planting (Amruddin; Iqbal, 2018). UKI architecture study program lecturers collaborated with the North Jakarta Food Security, Marine and Agriculture Department, PKK, dasawisma, LMK, youth organizations, RT 1, RW 3 and all parties involved in the Tugu Selatan village to carry out active utilization of yard land to increase green open space. In addition, the active utilization of yard land can also support food and nutrition availability and improve the economy of residents from selling crops that are planted and processed. In addition, the active use of yard land can also support the availability of sustainable food and nutrition and improve the economy of residents from the sale of crops grown and processed through the sustainable food house program (Kairupan et al., 2022).

IMPLEMENTATION AND METHODS

Tugu Selatan Village is one of the villages in the administrative city of North Jakarta, located on Jl. Bendungan Melayu Utara No.4, Tugu Selatan Village, Koja District (Idrus, 2022).

The boundaries of Tugu Selatan Village are as follows (Larasati & Winarno, 2023):

- a. North: Tugu Utara Village / Plumpang Semper Road.
- b. East : West Semper Village / Batik Dam River.
- c. South Side : Pegangsaan two Village / Batik Dam River.
- d. West Side : South Rawabadak Village / Malay Dam River.

The method of implementing Community Service activities with the title utilization of yard land as an effort to increase green open space in RT 01 RW 03 Tugu Selatan village is as follows.

1. Conduct a Survey to the Location



Figure 1. Survey location

2. Apply for seeds, plants and planting media to the North Jakarta Food Security, Marine and Agriculture Department.
3. After the application is approved, pick up the seeds, plants and planting media to the North Jakarta Food Security, Marine and Agriculture Department.



Figure 2. Collection of Seedlings, Plants and Planting Media

4. After being taken, the seeds, plants and planting media were given to residents in RT 01, RW 03 Tugu Selatan Village.



Figure 3. Providing Seeds, Plants and Planting Media to the Community

5. Sorting waste in the form of used mineral water gallons in the Tugu Selatan Village waste bank to be used as plant pots.



Figure 4. Waste Sorting in the Form of Used Mineral Water Gallons

6. Mineral water gallons that have been collected are formed into a pattern, cut out according to the pattern and then painted white so that they become planting pots and look like new.



Figure 4. Used Mineral Water Gallon Utilized as a Plant Pot

6. The finished plant pots were handed over to RT 01 for planting activities by inserting planting media provided by the North Jakarta Food Security, Marine and Agriculture Sub-Department and planting media made by the RW 03 youth organization to be ready for distribution to local residents.



Figure 5. Plant Pots Ready to Be Distributed To Residents

7. Conduct a coordination meeting to determine the schedule for the implementation of yard land utilization activities to PKK, dasawisma, LMK, youth organizations, RT 1, RW 3 and all parties involved.
8. Community service activities entitled utilization of yard land as an effort to increase green open space in RT 01 RW 03 Tugu Selatan village were carried out on May 15-16 and May 19, 2025.

RESULTS AND DISCUSSION

Community Service activities entitled utilization of yard land as an effort to increase green open space in RT 01 RW 03 Tugu Selatan village were carried out on May 15-16 and May 19, 2025. This activity includes planting action into plant pots using planting media, distributing potted plants to residents in RT 01 RW 03 Tugu Selatan Village, distributing potted plants to the roadside in front of residents' homes, planting onion plants and other plants in the beautiful saung of RT 01 RW 03 Tugu Selatan Village. This activity was carried out by lecturers of the UKI architecture study program, namely Ir. Ulinata, ST.Ars., MT who collaborated with the North Jakarta food security, marine and agriculture department, PKK, dasawisma, LMK, karang taruna, RT 1, RW 3 and all parties involved in the Tugu Selatan village.

On May 15 and 16, 2025, the action of planting into plant pots using planting media was carried out, symbolically handing over to one of the residents and distributing them to residents' homes and on the roadside in front of residents' homes.



Figure 6. Plant Pots Were Distributed to Residents and Placed on the Curbs of Residents' Homes

Furthermore, on May 19, 2025, an onion planting activity was carried out in the saung asri RT 01 RW 03 Tugu Selatan Village.



Figure 7. Onion Planting Activity in Saung Asri RT 01 RW 03 Tugu Selatan Village

CONCLUSIONS AND RECOMMENDATIONS

After the activity entitled utilization of yard land as an effort to increase green open space in RT 01 RW 03 Tugu Selatan village, there was an increase in green open space in the area. In addition, the active utilization of yard land can also support food and nutrition availability and improve the economy of residents from selling crops that are planted and processed later. Intensive care is needed in the form of watering plants every day, providing fertilizers so that these plants can be maintained until they give results. Other activities are also needed to be carried out in the future so that the percentage of green open space, especially in the city of North Jakarta, can continue to increase.

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