

# Go Green Go to School: Greening and Conservation of the School Environment as a Love for the Environment Movement

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## **Abstract**

*Aside from environmental improvement, the importance of socializing greenery in the school environment was planting love for the environment among young people, especially students. The methods used in this community service activity are surveys, counseling, and demonstrations. The implementation of greening socialization activities with teachers and students went smoothly. Students can understand this dedication so that for future programs, the team will carry out programs to increase the clustering of Adiwiyata Green School.*

**Keywords::** Go Green, Empowerment, School

## **1. INTRODUCTION**

Community service was aimed to help the community in some ways without expecting anything in return. In general, this program is designed by various universities in Indonesia to make a real contribution to the nation, especially in developing the welfare and progress of the Indonesian nation. Community service activities are pillars of the Tri Dharma of Higher Education: education, research, and community service. Universities not only carry out education for their students but also carry out research and develop innovation, as well as preserve and develop knowledge that is superior and beneficial to society.

A healthy living environment is everyone's hope. However, this isn't easy to realize because many schools still do not care about and are responsible for their surroundings. Finally, the environment becomes damaged. Seeing the barren condition of the school environment, school residents need to plant trees. Tree planting is important as an effort to improve the environment. Therefore, we took the initiative to conserve greenery around the school environment. Conservation was an effort to preserve the environment while maintaining each environmental component's existence for future use.

A student is the next generation of the nation who will determine the future of this Indonesian nation. Therefore a student is required to be able to face all challenges for the progress of the nation and the State. And awareness of the importance of nature and the environment is the principal capital in building the nation. Hopefully, this activity can foster a spirit of professionalism and awareness of the importance of unity and oneness so that later potential seeds related to love of nature can be realized.

## **2. METHODS**

Survey and identification activities at Nogosari Boyolali State Vocational High School One began on April 21, 2023. The team and representatives from the school agreed that the greening would be carried out on May 19, 2023, involving Nitrogen nature-loving UKM students, students, and the academic community of SMKN 1 Nogosari. This service method consists of site surveys, data collection, and demonstrations. This series of surveys was carried out by

conducting a survey of schools where the environment did not yet have a good green environment and then adjusting it to the school's goals to create an orchard that could be used for practicum activities and benefited the school. Second, collect data starting from the name and location of the school. Third, innovate to make planting and caring for plants easier. This provides aesthetic value when the plants are large and facilitates crop harvesting activities.

The tree planting demonstration activity started with preparing the seeds, tools such as wheelbarrows, fertilizers, soil drills, plant forks, and organic and chemical fertilizers. Then start making planting holes and essential fertilizer, shunt the seeds to the point of planting holes, and plant the seeds. Use a soil drill and spade hoe to measure the depth of the root ball. Dig a hole about 30 cm deeper. Place the excavated soil next to it and add manure and phosphate as basic fertilizer to the excavated soil. Then insert the tree seed into the hole and position it in the middle, ensuring the tree is at the same level as the surrounding soil. Backfill the hole with the soil and compost mixture. Finally, cover the top with a protective layer such as mulch, plastic, and bamboo stakes (Maharani, 2022).

### 3. RESULT AND DISCUSSION

The service activity program was conducted at Nogosari Boyolali State Vocational High School 1. The program is the development of character education "Go Green Go to School," which includes:

The first stage is counseling on loving the environment (Nursaid et al., 2022). This counseling program was implemented to broaden the horizons of school members about the importance of loving the surrounding environment to train students to care about the surrounding natural environment and benefit from tangible or intangible greenery (Ferazona et al., 2022; Masithoh & Anintyawati, 2022). This program was held on Friday, May 19, 2023, from 08.00 to 16.00 WIB with participants from SMKN 1 Nogosari and UKM Nitrogen Nature Lovers.



**Figure 1.** Program opening and counseling

The second stage is the Fruit Garden Program. The second program is an orchard. A program creates an organized garden to cultivate fruit trees, with various guava and soursop fruit trees (Junita et al., 2022). Apart from fruit trees, ornamental plants are also planted in certain parts, such as red shoots, in front of the office and hall pages (Ramadhani et al., 2022). Other plants planted outside the schoolyard and filling the corners of the school are sengon and jabon plants. Planting ornamental plants and trees can help add beauty/aesthetics and be used as learning media for students (Jupri et al., 2022). The orchard and conservation program for green schools is carried out in 2 stages, including (a) Preparation of orchard and conservation facilities and infrastructure, carried out on Thursday, May 18, 2023, at 16.00 WIB. Then, (b) Planting and arrangement of plants, carried out on Friday, May 19, 2023, from 08.00 to 16.00 WIB.



**Figure 2.** Preparation of conservation facilities



**Figure 3.** Planting

Planned and organized activities have been carried out. Planning, in the form of an initial survey of service locations and permits to identify problems and develop program plans. The implementation includes two main agendas: (1) Extension of love for the environment. Outcomes: providing the importance of loving the environment through a greening program to train students to care about the surrounding natural environment and gain tangible or intangible benefits from greening. (2) Outcome of the Fruit Garden Program: production of soursop and guava fruit gardens around the school environment. A beautiful, neat and clean school environment makes participants

students can study well, and teachers can also use the fruit garden made as a means of student practicum. Documentation, in the form of photos and videos of implementing activities. Evaluation and reflection of activities by presenting the achievements of these activities, the obstacles encountered, and the solutions. The evaluation results indicate that the character of loving the environment has arisen from the students. This is very important because students' perceptions of the school environment will affect learning motivation in the learning process at school. Nitrogen nature-loving teams and SMEs continue to accompany and routinely monitor the plants planted for at least three months, after three months, to ensure that the plants can live well so that the greening goals are still achieved.

#### 4. CONCLUSION

Implementing greening socialization activities with teachers and students at Vocational High School SMKN 1 Nogosari Boyolali went smoothly. This service can be understood by students so that for future programs, the team will carry out programs to increase clustering at Adiwiyata schools

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