

## **Social Service Activity 'Collect Your Waste' Together in Waste Collection on Car Free Day at Slamet Riyadi Solo**

Ichwan Prastowo, Prasiwi Citra Resmi

Politeknik Indonusa Surakarta, Politeknik Indonusa Surakarta

[ichwanprastowo@poltekindonusa.ac.id](mailto:ichwanprastowo@poltekindonusa.ac.id), [prasiwicitra@poltekindonusa.ac.id](mailto:prasiwicitra@poltekindonusa.ac.id)

**Abstract :** The problem of waste has not been completely resolved to date, despite many efforts, especially in large cities like Solo. The Car Free Day (CFD) activity on Slamet Riyadi Solo, which takes place every Sunday, contributes to the waste problem in Solo. The implementation of this community service focuses on collecting waste in the CFD Solo area with the goal of raising awareness among the public about proper waste disposal, making them aware of the dangers of littering, and promoting personal and environmental cleanliness. The method of implementation involves providing guidance to CFD Solo users, collecting waste together according to its type, and disposing of it properly. The approach is to encourage community members to join together in taking responsibility for the cleanliness of the CFD Solo environment. The result of this implementation is the creation of a clean and healthy environment, ensuring that all CFD Solo users feel safe and comfortable.

**Keywords:** waste, CFD Solo, clean, healthy, safe, and comfortable

### **Introduction**

The city of Solo is holding a car-free day (CFD) or motor vehicle-free day after the COVID-19 pandemic. "CFD Solo was previously regulated by the Transportation Department," said Mayor of Surakarta, Gibran Rakabuming Raka in Solo. He mentioned that some activities allowed during this event include sports and culinary activities. Regarding the event organization, he stated that it will be managed as well as possible. Nevertheless, the car-free day event will still be held in the same location, along Slamet Riyadi Street from the Gendengan intersection to Gladak. (A, 2022)

Waste is the residue of human daily activities and/or natural processes that is in solid form. Specific waste refers to waste that, due to its nature, concentration, and requirements, requires special management. (Republik Indonesia, 2008)

In general, waste can lead to environmental problems, including providing nesting and breeding grounds for insects and animals, becoming a source of contamination for soil, surface water, groundwater, and air, and serving as a source and habitat for harmful bacteria that can endanger health.(Prastowo & Surakarta, 2020)

Environmental health issues in Indonesia are diverse and have not been effectively resolved over the years. These issues include pollution problems, both water pollution, air pollution, and soil pollution. (Amalia & Putri, 2021)

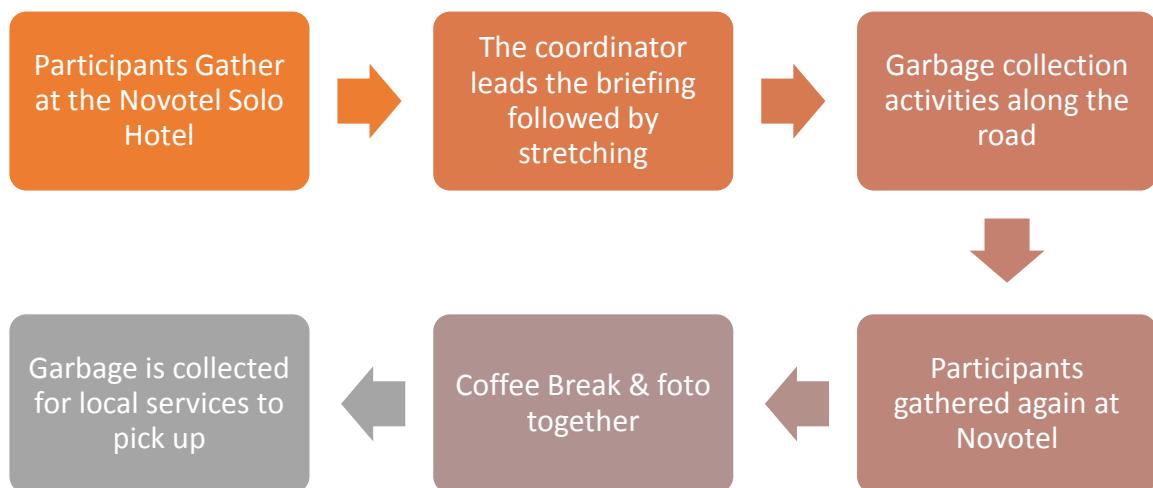
However, the most dominant issue in this regard is the problem of waste. Therefore, the community service implementers collaborated with BPC IHKA Solo Raya were moved to raise awareness among the public about the dangers that can be caused by waste by organizing the "Collect Your Waste" activity at CFD Slamet Riyadi Solo.

## Method

This community service activity is an initiative that encourages the community to be aware of disposing of waste properly and to be conscious of the dangers that can result from littering. (Surakarta & Surakarta, 2018)

The initial step is to identify the potential human resources that play a role as coordinator. From this coordinator, we first equate perceptions about activities which will be carried out through discussions and lectures about problems, goals and benefits of the activities to be carried out. (Sutanto, 2021)

This activity invites members of the community who are environmentally conscious and users of CFD Solo. Participants in this activity include volunteers from hotel, mall, or hospital housekeeping practitioners, students and university students from all over the city of Surakarta and its surrounding areas, especially those studying in the field of hospitality, vendors, and partner companies engaged in housekeeping (hygiene and sanitation).



Picture 1. The Flow of Community Service Activity at CFD Solo

## Result

The results obtained from this community service activity can be outlined as follows:

1. Good teamwork from all participants, prioritizing the common interest over personal interests.



Picture 2. Work team

2. Good coordination in the implementation of activities, organized through community service.



Picture 3. Coordination in team collaboration.

3. The waste collection activity begins with task distribution, the execution of "collect waste," and culminates in waste collection at the designated gathering point.



Picture 4. "collecting trash" or "gathering garbage".

4. The delivery of waste to the Environmental Department, which has been collected, is sorted according to organic, inorganic, and other types of waste.



Picture 5. Handing over the Waste to the Department of Public Works and the Department of Public Works and Public Housing.

## Discussion

Littering causes diseases, and improper waste management leads to environmental pollution, making it hazardous because a dirty environment can result in foul odors and the nesting of various disease vectors, leading to an unhealthy environment where users of facilities and infrastructure do not feel safe and comfortable. (Ulfah NK, 2020)

This is also felt by users of the Car Free Day facilities along Slamet Riyadi Street in Solo. This requires serious attention because, apart from being used for sports, recreation, and various businesses, especially micro, small, and medium-sized enterprises (UMKM)..



Picturer 6.. Littering

CFD Solo users are aware of this situation, so a good solution is needed to address this problem. Therefore, this activity is one of the initiatives that can be carried out to assist, especially the Environmental Department, in waste collection and disposal..



Picture 7. "Waste Collection" or "Garbage Collection."

Overall the increase that occurred because of this education was 24%. However, there is a decrease in the level of public knowledge when asked about the "Meaning of Garbage". If viewed positively, people know that waste can be a blessing so that people are motivated to sort waste properly and correctly, which of course can change people's behavior in disposing of waste, although if viewed from the negative side, garbage is still a problem. if the waste is not managed properly and correctly. (Sartika et al., 2022)

The provision of proper waste bins and community awareness not to litter are crucial factors for the success of this activity and the sustainability of the ongoing efforts. This leads to the creation of a clean, orderly, beautiful, and safe environment at CFD Solo, which can be enjoyed by all users and, ultimately, benefits the community.

## Conclusion

The Community Service Activity in the Car Free Day (CFD) Solo area can be summarized as follows:

1. Good cooperation from all community elements is necessary for the sustainability of addressing waste issues in the CFD Solo area.
2. Public awareness not to litter indiscriminately needs to be further promoted.
3. The provision of waste bins in the CFD Solo area needs to be more effective, especially in separating organic, inorganic, and other types of waste.
4. A clean, healthy, and well-maintained CFD Solo environment will have a positive impact on the health of users, making them feel safe and comfortable.

### **Acknowledgements**

The Community Service Activity has been successfully and smoothly conducted. Therefore, the organizers of this activity would like to express their heartfelt gratitude to all parties involved in this initiative:

1. Indonesian Housekeepers Association (IHKA) BPC Solo Raya for their full support and collaboration with the community service implementers.
2. The Head of the Transportation Department and the Environmental Department of the Surakarta City Government for granting permission for the implementation of this community service activity in CFD Solo.
3. Volunteers from universities, tourism schools, malls, and hospitals in Surakarta who participated as participants.
4. The general public who contributed to the successful execution of this Community Service Activity.

### **Referensi**

A, N. (2022). Car Free Day Kota Solo Kembali Digelar Pekan Depan. *Republika*. <https://news.republika.co.id/berita/rbm3o463/car-free-day-kota-solo-kembali-digelar-pekan-depan>

Amalia, F., & Putri, M. K. (2021). Analisis Pengelolaan Sampah Anorganik Di Sukawinatan Kota Palembang. *Jurnal Swarnabhumi*, 6(2), 134–142. <https://jurnal.univpgri-palembang.ac.id/index.php/swarna/article/view/5452>

Prastowo, I., & Surakarta, P. I. (2020). *Pelatihan Pengelolaan Limbah Di Kampung Wisata Sewu*. 7.

Republik Indonesia, P. (2008). UU No.18 Tahun 2008 tentang Pengelolaan Sampah. *Cell*, 151(4), 1–46. <http://dx.doi.org/10.1016/j.biochi.2015.03.025> <http://dx.doi.org/10.1038/nature10402> <http://dx.doi.org/10.1038/nature21059> <http://journal.stainkudus.ac.id/index.php/equilibrium/article/view/1268/1127> <http://dx.doi.org/10.1038/nrmicro2577>

Sartika, E. M., Gany, A., & Pasaribu, N. T. B. (2022). Education How To Separate Household Waste for the Community Development Based on Community Development. *Jurnal Pengabdian Teknologi Tepat Guna*, 3(2), 91–99. <https://doi.org/10.47942/jpttg.v3i2.1023>

Surakarta, B. D. I., & Surakarta, D. I. (2018). *Dosen Pengampu : Dra Rakesli Humsona M . Si Oleh : Firda Nurfaiza Daud Hana Nabila Icha Andriyanti Khabib Bima Setiyawan*. September.

Sutanto. (2021). Sampah Rumah Tangga menjadi Bernilai Ekonomi Sutanta Penulis Korespodensi Pendahuluan Jurnal Pengabdian Teknologi Tepat Guna Metode. *Jurnal Pengabdian Teknologi Tepat Guna Pengelolaan*, 2(1), 30–34.

Ulfah NK, L. E. (2020). *Rumah Tangga Terhadap Status Program Citarum Harum*.