

Plastic Recycling Report

Executive Summary

This comprehensive report outlines the successful efforts and achievements in plastic recycling in West Bengal. Leveraging cutting-edge AI technology, we have achieved a remarkable accuracy rate of 95% in identifying plastic waste. The report details the collaboration between our AI system, dedicated riders, and concerned citizens in the quest for a greener and more sustainable environment.

Reporting Process

User Reporting

Users contribute significantly to our initiative by reporting instances of plastic waste through our user-friendly platform. The information they provide includes the location of the waste, a brief description, and an optional image.

AI & Admin Analysis

Upon receiving user reports, our AI system analyzes the images and other relevant information to determine the nature of the waste. The AI's accuracy ensures reliable identification, distinguishing between recyclable and non-recyclable plastics.

Rider Verification

Our dedicated team of riders, equipped with smartphones and an unwavering commitment to environmental sustainability, actively contributes to the success of our initiative. They play a crucial role in the

identification process, capturing images of the waste, its surroundings, and collecting geographical coordinates.

Case Study: Successful Plastic Recycling Operation

Incident Details

Date: mar 20,2024

Longitude & latitude according to User: 87.048192 23.2456192

Location: 62WX+75P, Paddapukur Palli, Bankura, West Bengal 722101, India

Longitude & latitude according to Rider: 87.0383616 23.2521728

Address given by rider: katjuridanga,bankura

Rider Information

Rider Name: anuska paul

Adhar Card Image:

Rider phone_no: 22353252523

Rider Picture:

Visual Evidence

Picture taken by Rider:



Garbage Image taken by User:



AI Detection Result

Identification: Recyclable Plastic

Accuracy: 95%

Conclusion

Our plastic recycling initiative stands as a testament to the power of technology, community engagement, and environmental stewardship. The successful collaboration between our AI system, dedicated riders, and proactive citizens marks a significant step towards a sustainable and eco-friendly future for West Bengal.

For inquiries or further information, please email us on
PlasticWasteManagement@email.com.