



Clean city - Green city - zero waste Vatakara

Sreedharan. K¹, E K Uma²

¹Chairman, Vatakara Municipality, Vatakara Beach (Po), Vatakara, Kozhikode Dt, chairmanvtk@gmail.com, secretaryvadakara@gmail.com, Ph. 944666575, 9645397647

²ICAR, Central marine Fisheries Research Institute, Kochi, ekumamohan@gmail.com

Introduction

'Clean City - Green City- Zero waste Vadakara' project was implemented during 2016-17 at Vadakara municipality. This project emphasizes on the scientific aspect of waste management and public involvement programmes. Under this project bio- degradable and non- degradable waste management, awareness classes, waste processing units, material recovery facility centre, household waste management, production and marketing of eco- friendly products were implemented.

Description of Solid waste

Everyday 7470t degradable and 8966.7t non-degradable wastes were accumulated in the Municipality. Small canals like Karimpanathodu, Palolithodu, Aavithodu flow through this area.

How was it done?

During June 2017 a meeting was conducted for explaining the project 'CleanCity - Green City- Zero waste Vadakara' to all members of Socio - Political and Voluntary Organizations. A monitory committee was formed. Waste management processing group was formed under Kudumbasree. A green task force was formed for 47 wards. For the smooth functioning of the force a Project manager and Project coordinator were appointed. Several awareness classes were conducted for waste management. A pamphlet containing 12 pages explaining the Zero waste project method were distributed to 18,000 houses and 7000 shops in the municipality. Rs. 50/- and Rs. 100/- were collected (according to the source) respectively from each houses and sale centers. Biogas plant, ring compost, kitchen bin, bio-bin were provided to each houses. Non- degradable things were separated. Plastic bags on January, Plastic bottles on February, glass items on March, electronic wastes in the month of April, clothes in May and rubber in June were collected and the same cycle repeated during next six months. For helping the task force cluster leaders from 40 wards were appointed. A calendar

was prepared regarding the visit of task force in each ward. Waste materials from each cluster were collected in vehicles. Due to the unavailability of shredding machine plastics were exported to Karnataka recycling unit. The sorting of non degradable wastes provide earnings to 60 peoples. Compost pit was made in different schools. Disposable glass, plates, plastics below 50 micron were prohibited in the area.

The Impact: How was the situation (before) and how it is now?

Earlier people used to dump wastes on road side and burn plastic. But after implementing the project these problems were solved. Animation video named “ Janu Jokes” regarding waste management was released for giving message to the people.

Adoption of this method by others

This project created awareness among the people. They are ready to take responsibility of sorting non degradable wastes.

Economic aspects

Rs. 50/- and Rs. 100/- were collected (according to the source) respectively from each houses and sale centres. Rs. 8000/- was provided to task force member as monthly income.

Conclusion

‘Clean City - Green City - Zerowaste Vadakara’ project under central government “ Swacch Bharat” and Kerala government “ Haritakeralam” programmes got wide appreciation from audio - visual medias.

