

# REPORT ON ROLE OF COMMUNITY IN URBAN DOMESTIC WASTE TREATMENT

**Ms. Trinh Thi Hong,  
Head of the street block front committee, Hoa Minh ward, Da Nang city**

## **I. background**

Urban domestic waste is a serious problem in residential community. Hoa Phu 5 residential area in Hoa Minh ward, Lien Chieu district of Da Nang city was founded in late 2008 with area of 2km<sup>2</sup>, including 871 households with 3653 people. There are a secondary school and 4 apartments for mother head. It is estimated that each household disposes 2 kg of waste /day, so there are 1742 kg of waste/day (excluding waste disposed by students). In two days, if a truck for transporting waste encounters incidents, there will be 2484 kg of waste stuck causing smell and affecting environment surrounding residential area.



*Campaign for cleaning road without residents*

## **II. Solutions**

### **1. Propaganda**

Propaganda for people about awareness of sorting and disposing waste at regulated place should be performed regularly and patiently. Finding the way to analyze and explain so that people understand that littering causes environment pollution and impacts members' life in families and society. People should understand that environment protection and participation in domestic waste treatment are responsibility of each household and individual but not of Government, State or any

organization. This key factor for success of domestic waste treatment at residential areas in cities

## 2. Implementation

- Prior to waste treatment project funded by the State and social organizations, local authorities should advocate people to sort waste by themselves at home.

Based on current status of residential area in 2009, under direction of Fatherland Front of Hoa Minh ward, Hoa Phu 5 Front Board consulted for committee to suggest people meeting to solve claims of community about environment. In the meeting, people had their recommendations and agreed to implement contents as follows:

1.1: Introduction of containers for keeping and treating waste at home to ensure hygiene before transporting to landfill as regulated

1.2: Do not let exhaust and smell emit and affect health and living of community

1.3: Waste is a natural resource, so each people have to search for its applications to turn waste into useful products for families, communities and society.

At the same time, establishing group of waste treatment at source under 2 models

### 2.1. 2T saving model: Aiming at sorting reused waste with two purposes:

- Reduce a amount of waste discharged into the environment and funding social welfare activities serving people at residential area. The model makes use of solid waste such as plastic bottles, cans, paper, and plastic bags ... collection sold for scrap collecting facilities has been reduced by 30% the amount of waste discharged into the environment.

- So far, this model gains from 40 million to 42 million/year used for giving gifts for good students and difficult households, providing means of livelihood and fund poor women, etc.



*Reused waste is collected by many households to the waste concentration landfill*



*Gifting for difficult households*

## **2.2. Making use of organic waste, barrel sponge fertilized for planting fresh vegetable:**

- This model makes use of organic waste such as trees leaves, vegetables, rice, grass, sawdust....using barrel sponge with the above mentioned organic waste to plant fresh vegetables and fertilize for bonsai

- The advantages of this model is composting at anywhere such as in house, at corridors, and terrace if there is enough space for a barrel sponge containing organic fertilizer. Everyday people make use of waste from vegetable, fruits and tree leaves to put into fertilizer containers without odor.

- Up to now, 745 households have composted fertilizer and made use of barrel sponge and vacant land to plant fresh vegetables to use and launch into the market. On average, income from planting 1700kg of vegetable of any kinds/day is 7-8 millions. Households plant vegetable for use to either ensuring food hygiene or saving from 10-30.000 VND/day. The model brings the residential area new appearance in terms of green for environmental protection

- The green covers terrace and porch. Income of people increases and the amount of dust is remarkably decreased thanks to green trees leaves and 40% of waste discharged into environment is reduced



*Ms. Nguyen Thi My Le is fertilizing*



*Making use of barrel sponges to plant fresh vegetable- flowers – bonsai*



*Papaw is fruitful due to composted organic fertilizer*

- To educate youth awareness of environmental protection, while enabling them to participate in activities in residential areas.

Front Board established the Young Pioneers for environmental protection including 32 children with a captain, vice captain, four team leaders and 26 team members. They are responsible for 4 areas, weekly involved cleaning out, waste collection on roads without residents from 17: 30 to 18:30 on Tuesday, Thursday, Saturday and 6:00 of Sunday. Reused waste gathered by people to the area of scrap buying area in a week.



预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_6929](https://www.yunbaogao.cn/report/index/report?reportId=5_6929)

