

# **5000 GENERIC FAMILY TOILET PROJECT FOR INDONESIA**

**Donated by :**



## **BACKGROUND**

Bowel disease include diarrhea, dysentery, typhus and hepatitis A are still a major cause of mortality and morbidity in many developing countries, such as Indonesia. This disease is caused by virus, bacteria, fungus, etc. which spreads from person to person mainly through water contamination. Based on data from Health Ministry in 2019, Indonesia had a total of 4 million people having diarrhea. The incident case of diarrhea on infant under 1 year old was 831 cases per 1000 babies.

Gastrointestinal disease is a contagious disease, one of which is caused by poor sanitation. Toilet ownership is one indicator to assess sanitation in one area. In 2019, nearly 80 million people in Indonesia did not own toilets or about 30% of the total Indonesian citizens. This puts Indonesia as one of the highest country in Asia with the highest population without access for toilet.

WHO categorizes gastrointestinal diseases as "neglected tropical diseases". Gastrointestinal disease is a transferable disease that people who is sick and has healed, yet still continue to release the bacteria and viruses that may infect others when they defecate. Bacteria and viruses will pollute the water and soil, and when the water used to wash utensils, washes the hands then the disease transmission begins. The report shows that almost all open water sources are polluted by E. Coli Bacteria. The research indicates that the wells in communities which are contaminated by E. Coli Bacteria, represents 60-84% of the total wells. Even the water from the taps is majority contaminated by the said bacteria as well.

Contamination in the soil is also considered high. Water and soil contamination by human waste (feces) in developing countries are the most polluted causing morbidity and mortality in society. In one area, although only one family who has no toilet is enough to pollute the whole environment. This requires the total effort for all residents in a particular area (village, sub-district, district to district level) to remedy this situation.

The approach of having own toilet is better compared to the previous government's effort that built the public toilet in some areas. This approach was mostly failed, because toilet is supposed to be used for private need or daily usual use, thus the maintenance

was poor. In addition, building public toilet is deemed to be more expensive than family toilet. In the end, communities still preferred to use river or bushes for defecating.

To change defecation habit from bush and river to using toilet, the Rotary Program will provide the following:

1. Generic toilet (shown in the picture below) i.e. resin squad toilet
2. Educating the importance of having own toilet for health purpose and how to build one.
3. Supervising the work of constructing the toilet.

The program will be lead by Rotarian Dr Budi Laksono (member of RC Semarang Pandawa D3420 Indonesia). Families will be educated to build their own family toilets. Whilst, Rotary will provide the materials needed i.e. 1 package of Resin Squad Toilet

Rotarian Dr Budi has the patience to fulfill his dream to make Indonesia free from these tropical diseases caused by E Coli Bacteria. Since 2015, he has built around 1 million toilet throughout Indonesia, sponsored by Rotary Clubs, Private companies for their CSR Programs as well as various organizations in Indonesia and abroad.

In doing this project, Rotary will also be in collaboration with Indonesian Military in the process of constructing the generic toilets, who has also been helping of Rotarian Dr Budi in building 1 million generic toilets in Indonesia.

## **PURPOSE**

For the time being, Indonesia is lacking a total toilet of 20 million families. With the assumption of one family consists of 4 peoples, the total number of people who do defecate in the river or bushes, reach 80 million (out of the total 260 million Indonesian Citizens or representing 30.7%).

Rotary District 3420 is planning to build 5000 Generic toilets spreading throughout the District which consists of 56 Clubs during the year of 2021-2022. (1<sup>st</sup> July 2021 – 31<sup>st</sup> June 2022)

The 5000 generic toilets will be distributed in all areas thought D 3420 Indonesia. Distribution will be as follows:

Regional Area	Covering Area	Total Latrines
Areas 1,2,3	Semarang, Kudus, Pati, and its surroundings	700
Area 4	Solo	300
Area 5	Madiun, Magetan, and its surroundings	700
Areas 6,7,8,9	Surabaya, Sidoarjo, and its surroundings	700
Area 10	Malang, Batu, and its surroundings	600
Areas 11,12,13,14,15	Bali	1000
Area 16	Kupang, Papua, and its surroundings	500
Area 17	Makassar, Ujung Pandang, and its surroundings	500

The cost of making the toilet will be USD 38 (thirty eight dollars) per toilet, consisting of 1 package of Resin Squad Toilet

The total cost of building 5000 generic toilets will be:

5000 toilets x USD 38 = USD 190.000

Any amount of donation or sponsored amount would be appreciated.

Kindly remit your donation to the following:

Bank	: Bank Central Asia (BCA) KCU Diponegoro Surabaya
Account Name	: Yayasan Rotary Indonesia D 3420
Account Number	: 2585566258
Correspondent Bank	: Bank of New York
Swift Code	: CENAIJJA

Please send the copy of the receipt to email [cindybachtiar@gmail.com](mailto:cindybachtiar@gmail.com)

## **BENEFIT**

### **1. Good Public Image For Rotary.**

We will create well publication throughout the District 3420 as well as in Rotary International

### **2. Family Toilet Approach.**

By having own toilet, the need of proper defecation of every member of each family would be fulfilled. In addition, the family members will make sure that the toilets are clean and well maintained.

### **3. Generic and Affordable Toilet.**

The program has been very successful, given the low budget of building own toilet.

By participating in the Family Toilet Projects, you would take an important role in building healthy sanitation which in return could improve the health of Indonesian citizens.

Thanking you in advance for your valuable contribution.

Yours in Rotary,

DGE Cindy Bachtiar

District 3420

Indonesia

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The current condition without toilet



The squat toilet will be donate

