



GG1757749 - Provide safe, clean and local Bio toilets for women

Global

- approximately 2.3 billion people lack access to basic sanitation. (unshared household facilities that hygienically separate human excreta from human contact)
- 892 million people lack access to any sanitation and practice open defecation.

India

- access to toilets remains a huge problem — worst of all for women and girls.
- 70 percent of households in India don't have access to toilets, whether in rural areas or urban slums.
- Roughly 60 percent of the country's 1.2 billion people still defecate in the open.
- 300 million women and girls in the country defecate in the open

India

- “Women who use open defecation sites such as open fields or the side of a railway track are **twice as likely to get raped** when compared with women using a home toilet,”
 - Approva Jadhav, a researcher from the University of Michigan “*open defecation places women at uniquely higher risk of type of sexual violence: non-partner*”

■ Consequences

- contaminates food and water
- transmits diarrhea-related diseases that kill 700,000 children every year worldwide — 200,000 of them are in India
- the consequences for women are huge.
- polluted water leading to women and children dying from childbirth-related infections
- the risk and reality of being attacked and raped, most infamously the 2014 gang rape of two teenage girls in rural northern India.
- lack of access to clean toilets and sanitation is a big cause of dropping out of school, or not going to school at all.
- It's the difference between education and independence and being locked into poverty and subjugation.

Schoolgirl on toilet run gang-raped

This is the third such incident in a span of four months in the Indian state of Bihar

Published: 17:57 February 7, 2018
Lata Rani, Correspondent

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Patna: A schoolgirl was allegedly kidnapped and gang-raped by six young men who filmed the incident on their cell phones and then posted the video on a WhatsApp group in the third such incident to hit the Indian state of Bihar in four months.

The assault, in the Bhojpur district of Bihar, took place last week but was reported to the police on Tuesday after the victim's father returned home from Kolkata, where he works.

Bhubaneswar

- Slums - 436
- Population - 301,611
- Households - 80,665

Other Facts

- 23% of the population in the state lives in Slums
- 30% of Bhubaneswar's population lives in Slums (30 October 2017)
- 80% of the Slum Dwellers in Bhubaneswar defecate in open (19 Nov 2016)

- GG1747014 - Installation and Maintenance of Sanitary Toilets
 - To provide 52 Bricks & Mortar Construction safe and hygienic biological sanitation facilities at schools especially for children in rural schools to prevent Open Defecation and drop out of girl children from schools due to lack of toilets.
 - Also install and maintain drinking water facilities, hand washing facilities to prevent children from diseases and provide them with safe drinking water.
 - USD 77,500 – USD 36K including TRF World Fund

WinS – WASH in Schools



WinS – WASH in Schools

- GG1750817 - Provision of Water And Sanitary Facilities In Six Schools With Behavioural Change Among Children
 - The main objective of the project is to provide adequate safe water, water for consumption needs, sanitary facilities separately for both boys and girls in six Government High Schools of Guntur and Prakasam Districts in the State of Andhra Pradesh and subsequently bring behavioural change among **3,552 children** (1,449 boys and 2,103 girls) studying 6th to 10th classes.
 - Accordingly, the project will ultimately result in increasing attendance in the Government High Schools with reduced drop-out and qualitative education to the children as well.
 - USD 52,750 – USD 24,500 including TRF World Fund

WinS – WASH in Schools

#	Source	Details	Amount (USD)	Support*	Total
1	District Designated Fund (DDF)	3150	5,000.00	0.00	5,000.00
2	District Designated Fund (DDF)	9685	10,000.00	0.00	10,000.00
3	Cash from Club	The Hills-Kellyville	3,000.00	150.00	3,150.00
4	Cash from Club	Pandaripuram	1,121.00	56.05	1,177.05
5	Cash from Club	Narasaraopet	2,381.00	119.05	2,500.05
6	Cash from Club	Guntur-Vikas	1,823.00	91.15	1,914.15
7	Cash from Club	Parchur Central	1,699.00	84.95	1,783.95
8	Cash from Club	Ponnur	3,320.00	166.00	3,486.00
9	Cash from Club	Prattipadu	1,823.00	91.15	1,914.15

WinS – WASH in Schools

- GG1862164 - wins Provision of Toilet blocks at various schools in District 3120
 - illiteracy has been a problem in our country and large number of students especially girls drop out of schools especially in government schools. A major reason for this has been lack of sanitary facilities in the schools.
 - Encouraging the development of healthy behaviour in children will pave the way for similar change in elders in family and community. This will bring significant breakthroughs in eradicating disease and improving health.
 - USD 40K – USD 22K including TRF World Fund match

WinS – WASH in Schools



Surprise Twist – 04-05-2017

“As I am coming towards the end of my year as president, I am looking at a project where some of our funds could be directed. My personal preference is to assist women in remote parts of India with better access to toilets, providing them with dignity and safety.

We are unable to tackle such a project ourselves but can allocate some funds towards such a cause.

I would very much appreciate hearing from you regarding this goal.”

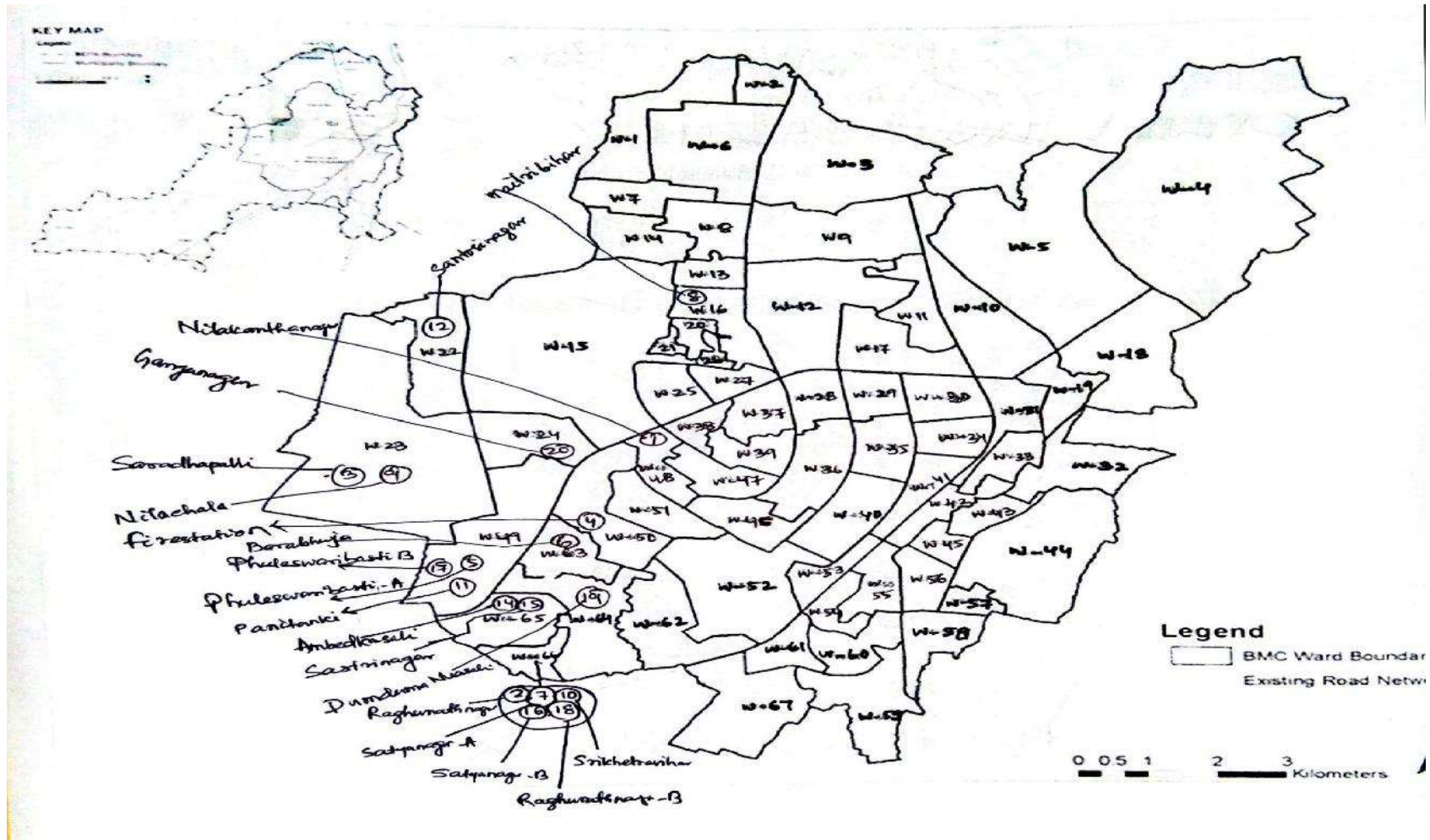
Rotary Involvement



Rotary Involvement



Rotary Involvement

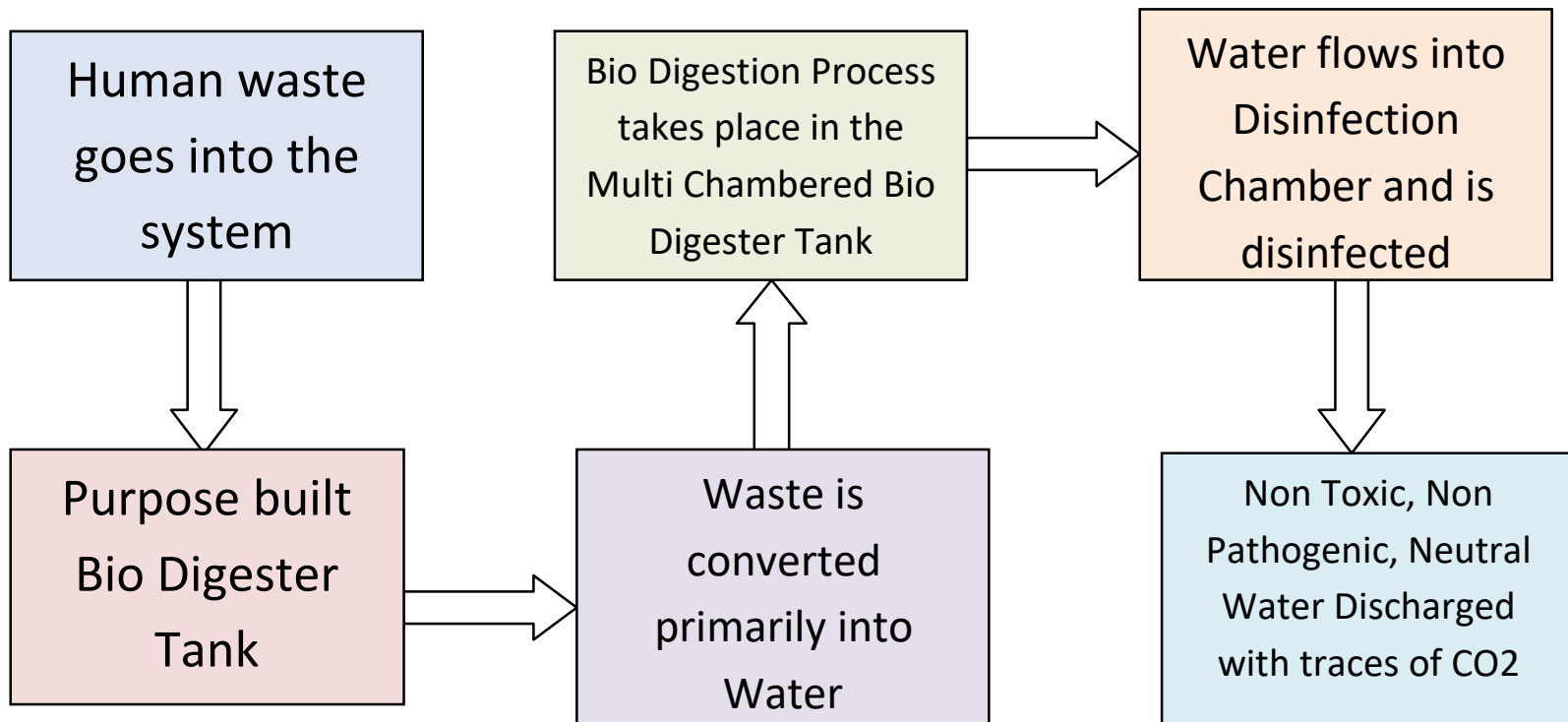


WHAT BIOLOGICAL TOILET IS?

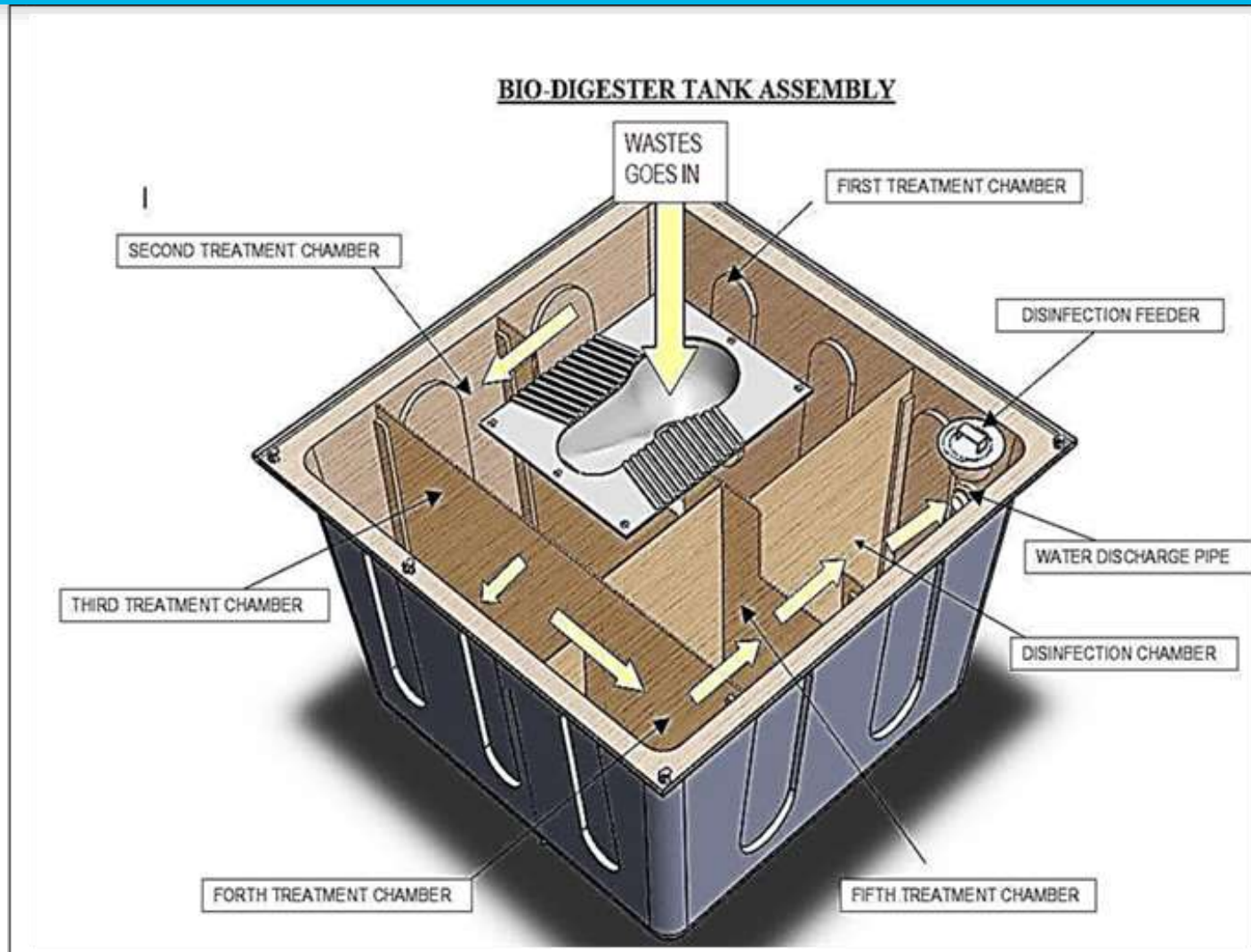
A BioToilet is a next generation eco-friendly waste management solution, which digest and convert solid human waste into neutral water and traces amount of gas, with the help of special bacterial inoculums.



THE BIOLOGICAL DIGESTION PROCESS



Rotary Involvement



GG1757749 - Provide safe, clean and local Bio toilets for women

The Project aims in providing safe and clean toilets for women. 20 Urban slum areas have been identified for the said project. Each slum would be provided with 2 bio toilets each. The beneficiaries would be the women residing in these slums and are devoid of a safe and hygienic environment to attend to nature's call.

Rotary Involvement



Life will be more safe



Provide safe, clean and local Bio toilets for women

#	Source	Details	Amount (USD)	Support*	Total
1	Cash from Club	Bhubaneswar New Horizon	5,000.00	250.00	5,250.00
2	District Designated Fund (DDF)	3262	5,000.00	0.00	5,000.00
3	Cash from Club	The Hills-Kellyville	1,000.00	50.00	1,050.00
4	Cash from Club	Caloundra	5,000.00	250.00	5,250.00
5	Cash from Club	E-Club of District 3262	3,333.00	166.65	3,499.65

In The Cover of Darkness



Provide safe, clean and local Bio toilets for women

Funding Summary

	DDF contributions:	5,000.00
	Cash contributions:	14,333.00
Financing subtotal (matched contributions + World Fund):		31,500.00
	Total funding:	31,500.00
	Total budget:	31,501.00



TRF Questions - Toilets

- ***How was it determined the bio toilets were the most appropriate technology for the beneficiaries?***
 - Toilets will be located in open spaces. Is there appropriate amount space for each designated area?
 - If possible, please provide a map where the toilets will be located.
 - How are the project sponsors working with the SHGs and Mahila Samity to implement this project?
 - To ensure the long-term sustainability of your project, an operation and maintenance plan must be in place. It appears specific groups of people have not been identified nor has an operation and maintenance training has been provided. Please complete the attached training grid to outline the operation and maintenance plan.
 - How will the SHGs and Mahila Samity be able to maintain and operate the bio toilets?

TRF Questions

- User fee
 - the user fee
 - the collected user fees will be able to cover the operational costs
 - the users will be able to afford to pay the fee.
- Training
 - The hygiene education training need to focus on the intended beneficiary group who will be using the bio toilets.
 - address open defecation and how to change this behaviour. Behaviour change is essential to ensure open defecation stops and the beneficiaries will use the toilets.

Community Participation / Sustainability

- ***To ensure the long-term sustainability of the project, an operation and maintenance plan must be in place.***
 - Mahila Samity and Self Help Group are very active and taking initiatives for implementing programs for overall development of their respective communities.
 - they will take the responsibility for operationalization and maintenance of this bio-toilets
 - Right from the planning process till evaluation, these organizations and groups will be actively involved as they have been continuous engaged to work with LWSIT.
 - These organizations and groups will take over the ownership of all programs to be supported by Rotary and LWSIT.

- Monalisa Bhanja - Lutheran World Service India Trust

India

- But even where they have been built, studies have shown that the vast majority are not being used, especially in rural areas.
- In some cases, it's because the toilets still aren't connected to clean water and sewers.
- More importantly, there's been no widespread education effort to change the country's culture of open defecation and lack of sanitation.
- study found that 40 percent of respondents who had a toilet or latrine had at least one family member who continued to defecate in the open.
- That's because human software - psychology — is more important than hardware, when it comes to persuading people to change a habit.

Giving Dignity



Time-Line

- Request – May-2017
- Grant Lodged – July 2017
- TRF Notification – July 2017
- TRF Pending Report – “RC Chatswood Sunrise is still overdue on the report for GG1531120 (due on 31 May 2017). Please work with your partner to submit this report at your earliest convenience.”
- Overdue Reporting Resolved – 24th Nov 2017 with IPDG Ratna Prabhakar
- TRF Questions – Jan-2018
- Approval -

Appreciation



Outcomes

- open defecation has been reduced by 31 percent since 90's.
- about 300 million women and girls in India still have no other choice.
- Try to squat in a sari, while holding a cup of water to cleanse yourself and keeping an eye out for rapists.
- No woman has said she liked squatting in darkness knowing that men are watching her

Thank you



Thank you

DEVIKA SHARMA | 29 JUNE, 2016

Stinking Statistics of Open Defecation: Women Targets of Rape and Assault



USAID Water Team

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Feb 6, 2017 - 6 min read

Understanding and defining sanitation insecurity: women's gendered experiences of urination, defecation and menstruation in rural Odisha, India

Bethany A Caruso, Thomas F Clasen, Craig Hadley, Kathryn M Yount, Regine Haardörfer, Manaswini Rout, Munmun Dasmohapatra, Hannah LF Cooper

DOI: 10.1136/bmjgh-2017-000414 Published 9 October 2017

Open Defecation vs. Community Toilets: A Complicated Choice

Woman Battles Open Defecation In New Movie. Here's The Reality

Devanik Saha, August 11, 2017

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Village Square
One-Stop Rural India

THE BLOG

Rural Women Are Leading The Way Towards An Open Defecation-Free Bihar

They're building toilets and encouraging others to follow suit too.

31/08/2017 8:37 AM IST | Updated 31/08/2017 2:32 PM IST

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