This is not an ADB material. The views expressed in this document are the views of the author/s and/or their organizations and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy and/or completeness of the material's contents, and accepts no responsibility for any direct or indirect consequence of their use or reliance, whether wholly or partially. Please feel free to contact the authors directly should you have queries.





Eco Friendly Odour Free Water Free Sewage Free Energy Free Eliminating Poverty Through Sustainable TOILET

ECOLOO GREENTECH MALAYSIA SDN BHD

- Established in 2013
- Specializes in water, sanitation & hygiene
- Designs, manufactures, markets, sells, rents, distributes, maintains sustainable toilet technology and other sustainable solutions
- By product: organic fertilizer
- Yearly Turnover: USD 70,000

www.ecoloogroup.com

PROBLEM: 2.5 Billion People Suffer from Water, Sanitation & Hygiene (WASH) Issues





SOLUTION: Sustainable Solutions ECOLOO & Clean Tech Concept









- Eco Friendly
- Odour Free
- Water Free
- Sewage Free
- Energy Free



OUR PATENTED TECHNOLOGY CO; & H₂O Bacteria mix Residues, Air inflow & Bacteria mix Pump Wind fan Solar panel Poo & pee Treated pee Treated pee is pumped out Liquid Fertilizer Treated pee

10 X Water

PRODUCTS Starting from USD 500 to USD 1,999





Indoor Type Up to 10 People



Indoor/Outdoor Up to 300 People



Outdoor Community



Temporary Emergency/ Disaster Relief



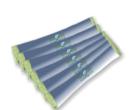
Indoor/Outdoor Unlimited







Nano Coated Surface Virus Protection



Waste Treatment Solution



100% Organic Disinfectant

ENVIRONMENTAL IMPACT



Environmental Impact

- a. Lower carbon emission footprint
- b. Reduction of water consumption on flushing
- c. Reduction of energy used to treat and pump water and wastewater, and to produce more chemical fertilizer
- d. Reduction of usage of chemical fertilizer, leading to less pollution

Social Impact

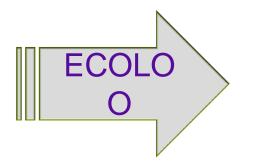
- a. Reduce extreme poverty
- b. Protect women's dignity
- c. Balance and change lives
- d. Save lives and improves health & hygiene
- e. Create awareness through campaign and education

Economic Impacts

a. Long-term and sustainable strategy based on inclusive business model and sustainagility will create job & business opportunities locally from production, distribution, installation and support to the collection and reuse or sales of the fertilizer generated via the toilet system b. Encourage organic farming

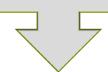
UN's SDG Achievement with ECOLOO





Contributes to achieve:

- 4 SDG's Directly
- 6 SDG's Indirectly





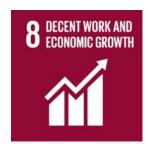














Recognitions by United Nations





- United Nations Foundation has selected ECOLOO as one of the Top 10 Global Innovators & Solution Providers on Global Challenges at Solutions Summit 2016
- Presentation was done at United Nations General Assembly in New York, USA on 21 September 2016 in front of world policy makers, industrial leaders, investors & representatives from UN bodies

Awards, Citations & Prizes





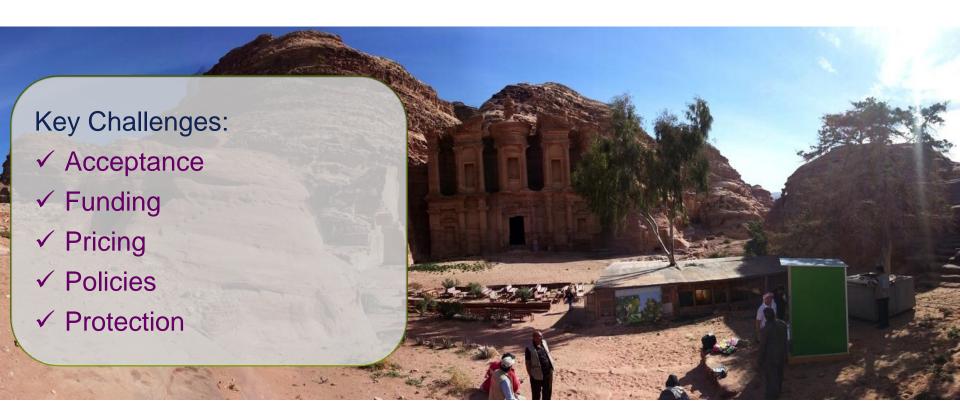




- GCIP Sustainability 2016 Award (UNIDO)
- Toilet Technology 2016 Overseas Excellence Award (China)
- 50 Most Impactful Green Leaders 2016 Citation (India)
- Global Green Future Leadership 2016 Award (India)
- Women Inventions & Entrepreneurs Association 2016 Special Prize (Korea)
- World Invention & Innovation Forum 2015 Silver Medal (China)
- Global CSR Excellence & Leadership 2015 Award (india)
- Global Sustainability Leadership 2014 Award (India)

KEY CHALLENGES: SCALING UP & GOING GLOBAL





RECOMMENDATIONS



Recommendations to:

- ✓ Investors: Focus on all green sectors including water, sanitation & hygiene i.e. the key to solving pressing issues
- ✓ Government/Policy Makers:
 - ✓ Change the policy to initiate & implement sustainable technologies leading to scale up & global impact
 - ✓ Facilitate sustainable development projects that involve sustainable technology
- ✓ Technical Assistants: Search for the sustainable technologies for the right Procurement criteria
- ✓ Asian Development Bank: Focus on funding the right sustainable development projects that result in positive environmental, social and economical impacts