

FOR OUR ENVIRONMENT

NPO



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ORGANIZATION MISSION

- Improve life quality of people in needy places through genuine community projects
- Provide knowledge and technology to support the sustainable development of needy places
- Inlet in youth the sense of social responsibility

PROBLEM ANALYSIS

Clean water and organic waste are one of the most critical issues, which exert deep impacts on human being and environment. However, storing rain water by big vases and managing organic waste by nylon or composite biogas system are old-fashioned, ineffective, unstable and expensive to poor households. These problems persist on and remain unsolved for quite a long time, which results in serious concerns to environment and human health.

SOLUTION

Together with professors and students at Hoa Sen University, we have developed an alternative to traditional water storing or waste managing methods by using a new material named HDPE (High Density Polyethylene). With great physical characteristics including flexibility, stability and cost effectiveness, in this project, HDPE is employed in both water storage and biogas system. Meanwhile, this material is proved nontoxic to our health; therefore, HDPE can provide a perfect sealed and safe environment to store rain water. Besides the construction of HDPE water storage and biogas system in Ben Tre Province, training sessions regarding this new material as well as other environmental issues such as climate change, toilet or waste disposal will also be organized so that the whole community will go hands in hands with us to act for environment.

BENEFICIARIES

This project will exert significant impacts on many people. With the HDPE biogas system, greenhouse gas (especially methane) and stinky organic waste will be reduced considerably. Besides, the combustible bio gas generated from this system can be regarded as green energy. With the HDPE storage, a large amount of rain water will be collected and used sufficiently in dry season.

DESIRED OUTCOMES

Local citizens realize the effects of HDPE water storage and biogas system not only on their own lifestyles but also on the environment; therefore, they will agree to employ these systems. Also, the mass

production of HDPE will hopefully reduce the implementing cost a great deal so that these new models can be afforded by more and more people. Besides, feedbacks from local citizens regarding these systems will be taken into account and analyzed carefully; henceforth, professors and students from Hoa Sen University will figure out better solution, design or model to completely eliminate the aforementioned concerns for fresh water shortage and organic waste management.

PROJECT DURATION

Expected duration of this project is from 10.2015 to 9.2016 in An Hiep and Tan Loi Thanh Commune, Ben Tre Province. Furthermore, this project promises to extend to other provinces within Mekong Delta region.

PROJECT BUDGET

The total budget of "For our environment" project is 179,000,000 VND, consisting of 150,000,000 VND from the "Narrow the gap" fund and 29,000 VND from other sponsors.

PROJECT TEAM

- Full time staff from ECO Vietnam Group with the main responsibility of working with local government and local people
- Professors, students from Hoa Sen University and staffs from A Chau Corporate to be in charge of technological aspects
- One project manager