To our Valuable Readers,

We are warmly welcome you to HELP-O July Newsletter & aspired to share many different experiences of HELP-O activities in various sectors. We share our monthly services & extra knowledge with you through our monthly newsletter.

We would like to thank for your contribution to our Monthly newsletter - June. We are ready to publish more valuable information through this Newsletter. And we are looking forward for your valuable comments and suggestions.
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HEAL THE WORLD, MAKE IT BETTER PLACE (MICHAL JAKSON)

YES OUR PRIME RESPONSIBILITY IS TO HEAL THIS WORLD AND MAKE IT BETTER PLACE THROUGH “WE SAVE NATURE” CONCEPT.

WORLD FULL OF GREEN COLOUR IS OUR HOPE

SRI LANKAN CONCEPT
Udugama Base Hospital is situated in Galle district Southern Province. The hospital is running by Southern Province Council. According to MEDICAL SUPERINTENDENT Ms. Madhubashini, there are about 40 staff and they have 8 wards. The major problem of the hospital was wastages and garbage items. The hospital authority had to find a better and sustainable solution for this massive problem. Actually hospital didn’t have much place to dump the waste and as well as no experience segregation of wastage.

HELP O has construct 22m³ capacity of the bio gas units and that can dump more than 150kg-200kg organic waste per day. For this project finance assist by UNDP ARTGOLD and construct by HELP O Eco Green Company. We conducted the three awareness programs about bio gas technology and it maintains to whole staff of hospital. We were handover this project in 2009.

We contacted DR. Madhubashini the director of Udugama hospital to ask about bio gas plant “The hospital use fire wood for cooking purpose and our daily fire wood need is more 250kg. Also, our daily waste collection is high and we don’t a space to put the waste. We were found a better solution for our waste problem through bio gas technology. Through this bio gas plant we have could decrease the fire wood 75% per day. Also we use the liquid fertilizer get from bio gas plant to our cultivation. And we can get fresh vegetables and it adds to our patients’ meals.

Actually, that waste management program is very successful event and we can solve our waste problem of our hospital. I’m happy to very much for contribute to protect our environment.” Waste problem is massive problem in today’s context. Waste may be generated the extraction of raw materials, the processing or raw materials to intermediate and final products, the consumption of final products, and other human activities.
HELP-O Eco Green Ltd implemented bio gas plant can be seen in many various sector in Sri Lanka. There are, Hotels, Factories, schools, prisons, Hospitals, Forces camps, Domestic levels, Markets and etc. We are carrying you different way within monthly newsletter with bio gas program.

Today we are going to write about Hill Garden Tea Factory waste management mechanism with the relevant witnesses of HILL GARDEN TEA FACTORY.

The Hill Garden Tea Factory is situated in Baddegama, Galle. It is among the best tea factories in Sri Lanka. They come to know about HELP-O Eco Green Company through Evergreen Tea Factory & they found a sustainable solution with biogas technology for their waste problem which helps to maintain an eco friendly system which makes their surrounding more beautiful. HELP-O Eco Green Company introduced bio gas technology to their waste management problem.

The major problems of this factory are “over flowing of toilets”, waste water and large output of waste food. As they are in need of a solution they select eco friendly solution through BIO GAS PLANT. The capacity of this bio gas plant is 35m³ and daily waste dump capacity is 650kg. It says that there is no LP Gas usage and main energy source for cooking is bio gas. Bio gas is used to prepare tea, rice & curry for 70 persons in three times per day.

Waste Management was the major problem of the tea factory and the expenditure for LP gas was the other problem. But this plant would give better solutions for those by producing biogas and highly active organic fertilizer while bringing an accurate answer for waste

WE SAVE NATURE

This program is a great conservation for the earth because of the increasing of global warm by emission of methane gas;
LEADING TOWARDS WASTE FREE HOMAGAMA PRADESHIYA SABHA AREA

HELPO Eco Green Ltd was fortunate to aware the council members of Homagama Pradeshiya Sabha regarding the sustainable solution for waste management. Awareness program was held in pradeshiya sabha council chamber with the participation of chairman, secretary & council members of sabha at last 30th July 2013.

Managing Director MR.CHATHURA WELIVITTIYA explained the need of biogas technology in the field of waste management. He further explained the responsibility of local government to create more favorable living environment from the birth to the death of the man. In addition to that he pointed out the practical situation & present changes of local authority leaders with new knowledge for waste management.

This opportunity was created through Pavithra Ganga program which implemented along the Kelani river. Homagama also highlighted as dominant area for pollutant releasing to the Kelani river. If there is a possibility to implement biogas technology to minimize irregular organic waste dumping it will support to reduce the environment pollution.

After the presentation there were open discussion to raise questions & knowledge sharing opportunity for all. Especially environment committee council members were keen to implement this environment friendly mechanism in to their area. They have accepted this methodology as most valuable for them to aware other general public. As environment Conservation Company we are looking forward to provide technical guidance to create environmental friendly area.
STAKEHOLDERS’ WORKSHOP OF PAVITHRA GANGA PROGRAM

Under” Pavithra Ganga” Program there was special workshop held at Hotel Jankie, Colombo with stakeholders to review the massages what would be suitable for display to the public regarding Kalani river pollution prevention. It was organize by UNDP – Every Drop Matters EDM project team. As a one of key technical partner HELPO Eco Green Ltd was participate to share knowledge, experiences & technical details.

In the discussion they were given priority to find a mechanism to sustainable solid waste management as a solution for pollution what was going on continuously happening along Kalani river. Especially they pointed out serious locations in pollutions generating in local authority level. Biyagama, Kaduwela & Homagama local authority areas were highlighted highly problematic areas as industries located.

Managing Director of HELPO Eco Green Ltd Mr. Chathura Welivitiya explained the need of innovative solution for waste & pollution prevention by using biogas technology as multiple solutions for waste problem & need of alternative energy. He presented past experiences in which the applying of the biogas technology in different fields. It was interesting discussion for all & better knowledge sharing experience to success of the Pavithra Ganga program.
National conference on community based adaptations to climatic changes

Poor and vulnerable people are particularly affected by climate change impacts, such as floods, droughts and other extreme weather events. So, we need to pay more attention to climate change mitigation & adaptation with community based approach. In that sense, last 16th-18th, July 2013 there was conference on community based adaptations to climate change at Foundation Institute, Colombo.

There were many representatives from different sectors such as academic, institutions, government & non government organizations & community leaders. This conference was held by the leading United Nations Development Program (UNDP) GEF/SGP program with the collaboration of Aus AID Sri Lanka.

Conference began with the participation of Minister. Mr. Mahinda Amaraweera Ministry of Disaster Management & he explained the need of community based adaptations for the climate change. He clearly pointed out how we have overcome the challenges after the tsunami disaster in 2004.

Mr.Chathura Welivitiya participated for that by sharing new knowledge & experiences with others in different field. It was a good place for all sectors to share knowledge. Especially there were case studies to learn better examples by reviewing how they could achieve their targets in grass root level to combating climate change.
New Waste Management Program with MAS Intimates Unichela (PVT) Ltd

MAS Holdings Intimates group is a leading garment in Sri Lanka and MAS designs underwear & sportswear its MAS Intimates and MAS active divisions. Their productions are intimates wear, Active wear, Fabric production, Finance, consulting and etc. This Sri Lankan company currently comprises 28 factories and design studios across 5 countries employing over 45,000.

The Unichela (pvt) Ltd is one of the garment factories under MAS Intimates group. Normally, there are about 1000 employees and the daily food waste and night soil waste are high. THE AUTHORITIES want to find a sustainable solution for their waste problems through the bio gas technology.

HELP O Eco Green Ltd started a new bio gas project with Unichela (pvt) Ltd for their waste problem. Mr.Chathura Welivitiya Managing Director of HELP O Eco Green Ltd and Plant Accountant of Unichela (PVT) Ltd signed the agreement on 24th July 2013 in their factory premises. The witnesses were Mr.S.S.Ponnamperuma the Deputy Manager (Engineering) of Unichela (pvt) Ltd and Mr.Sampath Athukorala the Director of HELP O Eco Green Ltd.

The objective of this project is implementing a bio gas plant in that factory premises as a sustainable solution to waste problem. This bio gas plant is a solution to energy problem & to reduce the methane emission. They can use the bio gas for lighting purpose & cooking purpose and they can reduce the cost for LP gas and the amount of fire woods, also they can take bio liquid fertilizer from bio gas plant

The other effectives are like this, they can raise their economy and healthy conditions around the company. Biogas plant will sustain for long term if you have a better mechanism to maintain the biogas plant operation.
HELP-O Eco Green Company has provided sustainable solution for waste by constructing the bio gas units in many various sectors in Sri Lanka. It could be reduced the waste problem and HELP O Eco Green Company has introduced Liquid fertilizer. There is a good market and it is popular manure among home garden. Many people are cultivating the vegetables, fruits and etc. Always they trying to be get many fresh foods for their daily meals.

Liquid bio fertilizer has a distinct on chemical fertilizers in addition to yield advantage. Chemical fertilizers otherwise may have negative effects on soil as well as human health, change the soil chemistry and these soils no longer support plant growth in the long run. Although the density of nutrients in organic material is comparatively modest they have many advantages.

- No harmful chemical
- Improve the soil structure.
- Helping to retain soil moisture
- We can get organic and fresh foods.
- Costs are lower for it fertilizer is locally available.
- Liquid formation ensures that the product is easy to handle and apply.

Bio fertilizer are most advanced bio technology necessary to support developing organic Agriculture, Sustainable agriculture, green agriculture and non pollution agriculture. Bio fertilizers are natural and organic fertilizer that helps to keep in the soil with all the nutrients and live microorganism required for the benefits of the plants.

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<tr>
<th>Organic Fertilizer</th>
<th>Chemical Fertilizer</th>
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<tr>
<td>Improve soil structure</td>
<td>Leaching can pollute ground water</td>
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<tr>
<td>promotes earthworms and soil microorganism</td>
<td>Minerals salts can build up overtime and kill of soil microbes</td>
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<tr>
<td>Release nutrients slowly providing a steady flow of plants nutrients</td>
<td>Release nutrients rapidly</td>
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<tr>
<td>Increase water holding capacity</td>
<td>Loss of fertilizer due to leaching means soil requires many applications</td>
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The HOLDE Women’s Cooperative is one of the best committee in Galle District. It has five branches and there are as following Walawwaththa, China Garden, Thotagamuwa, Aththiligoda & Malawanna and these branches are active. The co-operative gives self employment loans, housing loans, consumption loans, and etc to their members. At present, the situation is the all members have succeed from HOLDE Women’s co-operative and HOLDE Women’s co-operative is a very strong and energetic committee for the poor members who are living in an urban area. Walawwaththa Branch is the best branch of HOLDE Women’s co-operative.

Ms. Leelawathi Suraweera is a member of Walawwaththa branch of HOLDE Women’s co-operative from the beginning of the committee. She participates in many social works to develop their committee. Also she always tries to take the lives of self employee to good place.

Ms. Leelawathi is a mother of three children & J.W.Kamal is her husband. Their livelihood is making fireworks. Its a wholesale business. She got a chance to take a loan to develop their lifestyle. They got many loans from HOLDE Women’s co-operative. Also, she got a loan from HOLDE Women’s co-operative last week. The loan amount is Rs. 100,000/-

Actually, it is a great pleasure to her and her family. Always they are trying to achieve to success in their living standards.
FUNNY

AHAAAAAAAAAAAAAAAAAAAAAAAAAAA........................................

That was a profitable investment!

Speculator’s song & dance...
CROSS SECTION PLAN OF A BIO GAS UNIT
NICE OPPORTUNITIES OF THIS YEAR

1.) CITYNET CONGRESS IS GOING TO BE HELD VERY SOON AT SEOUL IN REPUBLIC OF KOREA DURING NOVEMBER 3-6. THE MAIN OBJECTIVES OF THIS CONGRESS IS TO ENCOURAGE THE ATTENDEES TO NETWORK AND CONNECT WITH OTHER URBAN STAKEHOLDERS FROM A WIDE VARIETY OF FIELDS. THOSE WHO HAS A KEEN INTEREST CAN PARTICIPATE IN THIS CONGRESS WHICH IS GOING TO BE HELD DURING NOVEMBER 3-6.

“I invite you to Seoul to brainstorm innovative solutions for common challenges that Asia is facing. CITYNET SEOUL CONGRESS 2013 is a wonderful opportunity to prepare your city for the future.”

MAYOR OF SEOUL
Park Won-soon

FOR MORE INFORMATION - http://seoul2013.citynetcongress.org/

2.) ANOTHER TRAINING PROGRAM IS GOING TO BE TAKEN PLACE IN KOREA VERY SOON.

3.) MALESIA TRAINING PROGRAM IS ALSO GOING TO BE HELD VERY SOON.” INTEGRATED URBAN PLANNING IN THE ASIA PACIFIC REGION IS THE TOPIC OF THIS TRAINING PROGRAM. THE DEADLINE OF THE APPLICATION FOR KLRTC XXVII WORKSHOP IS FAST APPROACHING. THE APPLICATION FORMS MUST SEND TO programs1@citynet-ap.org or can fax to +82-2-730-0640 BY AUGUST 11 2013
We welcome your Valuable Comments and New Ideas........

HELP-O Newsletter,
No.364/18A, Samagi Mw,
Dangedara, Galle,
Sri Lanka.

T.P/Fax- (+94)91 4380121/ (+94)91 2226818

E-mail- helpogn@wow.lk /helpoecogreen@sltnet.lk

Web- www.helpo-srilanka.org/www.helpoecogreen.com