

# HELPO Eco Green is Winner of Energy Globe Award- 2021 in Sri Lanka



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HELPO Eco Green, a company specializing in organized organic waste management, has started promoting conservation of the environment for the locals in Sri Lanka. The main aim of the project is to raise awareness, educate and engage the local communities about climate change issues at hand. The public has been engaged by the company about proper waste management in awareness programs at the local level communities.

The main issue in the local communities in Sri Lanka, is the unnecessary organic waste dumping into the environment. Although the organic waste is totally degradable, short-term discrepancies such as bad odor, pests and insects are created as a result of this situation. This also causes emission of Methane gas that has been categorized as a greenhouse gas and negatively affects the atmosphere.

Based on that, the Energy Globe “the World Award for Sustainability - is today’s most renowned

environmental prize worldwide”. Goal of the award is the presentation of innovative and sustainable projects to a broad global audience as there are many great and implemented solutions to most of our environmental problems available. The awareness for the



importance of these projects is increased by the Energy Globe Award which leads to a multiplier effect. All projects offering solutions to our environmental problems, especially concerning the reduction of emissions and pollution, can participate. The database of the Energy Globe has grown over the year and now contains around 20,000 projects submitted from 2000-2019. All of these are projects which have been implemented successfully in the whole world.

The objective of the ENERGY GLOBE Award is to present successful sustainable projects to a global audience and to demonstrate that for most of our environmental problems feasible solutions are already available. Projects submitted from over 180 countries participate each year in the Energy Globe Awards. Among 180 countries HELPO Eco Green is the Sri Lanka winner of this award.

Energy Globe Award is given by High Commission of Austria and UNIDO, Advantage Austria, Global Chamber Platform, Club of Rome, Amiblu, and Business Upper Austria are the official partners of this award.



HELPO Eco Green identified the advantage of the organic waste as a sustainable energy source and the approach to prevent short term effects of climate change. Implementing biogas units is the approach selected for proper organic waste management and as an alternative solution for

renewable energy in Sri Lanka. The energy produced by a biogas unit can be used for numerous activities thus saving energy and reduces the emission of the Methane gas, which directly reduces the greenhouse gas effect.



The biogas units come in two forms: one on the ground and the other underground with different volumes according to the requirement. According to the calculations, the sewer and septic pits should be unloaded in a periodical manner. Feed and organic waste materials such as food waste, sewer waste and garden waste are used. Anaerobic digestion is then used in the digestion process which creates a new renewable energy source and also prevents emission of methane gas into the air by converting it to carbon-dioxide. The produced gas can be used for cooking purposes as well be converted into electricity for bulbs.