

# GREEN BOX BASKET

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## ABSTRACT

Our world today is facing a severe problem when it comes to pollution. Technology not just contribute to a better way of doing or performing our task, but it also contributes to disaster if no serious action is not taken to overcome the pollution created by technology. Every day we can read or hear about pollution happen all around the world. Still, not many actions are taken to overcome these issues except by a specific group of people or association who is concerned about the future of this world. The effort needs to be started from a lower level, such as the community. Awareness of the day to day activities which can contribute to pollution need to be alert. Society needs to change the way they deal with daily activities by paying more attention to how to reduce pollution. One way to do this is to use a usable box as their basket when doing their shopping. The objective of this invention is to produce an eco-friendly product which can help to reduce pollution. An innovation called Green Box Basket is made from a used box which is safer, environmental and nature friendly compared to the plastic bags which are provided by most of the shops. Plastic bags can be very harmful when they have not correctly disposed of. Any unusable regular paper box is used to invent this green box basket. The green box basket comes from several sizes, depending on the purpose of the users. It is comfortable to hold and can be carried anywhere. The green color is used to make it more attractive and to support the campaign for GO GREEN. The color also represents the intention of the inventor to help keep the environment free from pollution. Compare to other paper bags; Green Box Basket is also multipurpose where the users can also use as storage in their car or at home. With the existence of the green box basket, it is hoped that the pollution caused by plastic bags can be reduced.

**Keywords:** green box, plastic, environmentally friendly, pollution, multipurpose

## 1. INTRODUCTION

Pollution is happening everywhere in today's world. From the small product such as plastic bags that we get from our grocery stores up to more serious such as hazardous waste, factory waste, nuclear and a lot more are being dumped illegally and very much harmful to our lives. The active environmentalists around the world are working very hard to create awareness among the community and society about the importance of caring for the environment through various programs. A program such as Earth Hour which was organized by WWF was held annually to encourage individuals, communities, businesses to turn-off non-essential light for an hour as a symbol of commitment to the earth. The objective of this Earth Hour program is to encourage people to spend at least one hour without unnecessary light to show that they are supporting the awareness about sustainability and climate change. The policy of not providing plastic bags by some shops at several states helps to keep the environment free from plastic pollution. However, aggressive policies need to be imposed throughout the country to ban the usage of plastic bags forever. Dumping waste from factories have become a norm for certain irresponsible industries. For instance, an incident happened where an irresponsible factory has dumped their waste in the Selangor River, which caused disrupting supply of water to 1.2 million people in Selangor [1]. The owner of the factory has been arrested and the factory was sealed. The state government has taken drastic action where it has instructed the land occupied by the factory to be vacated and demolished the building. This is one good fast action

taken by the government to show how serious they are when dealing with pollution [1]. Pollution not just happen nearby us, but also places up to the mountain such as the Himalaya. For instance a mission was held to clear the rubbish such as plastics, glass bottles and other garbage left by camping expeditions [2].

In addition, Villarrubia-Gómez, Cornella, and Fabres [3] highlighted the abundance use of plastics in our society had caused marine plastic pollution where has affected the marine ecosystem. The textile industry is also a significant contribution to environmental pollution such as air pollution, waste generation and water body pollution [4]. Why issues with a pollution need to be taken seriously? An abundance of research has proven that polluted air, water, etc. can affect our health condition. A study done by Hong, Lee, Kim, Kim, Kim, Lee, Son [5] come up with the evidence that air pollution can affect pulmonary function levels of residents staying in industrial complexes. Their study confirmed that too much exposure to air pollution could cause lung function problems. These are only a few examples which proved that if the authority does not take action on individual, industries or businesses that produce pollution to the environment, we are afraid that one day this world is not going to be a safe place to live in. There are a lot of ways to reduce pollution in our environment. Even though the contribution of this innovation is small, but it is the starting point for the community and society to act to take care of the environment. The product of this innovation is the Green Box Basket.

## **2. GREEN BOX BASKET**

To fulfill the mission in replacing plastic bags in our everyday life, an innovated used box to be a basket is created. Green Box Basket is a unique product because it is very light and easy to carry. The important thing is this product is free of plastic material. Green Box Basket also not processed and not modified. It is an original idea to develop boxes into a basket. Other than that, Green Box Basket is free from chemical and very safe to use. It is also not made from any synthetic plastic, but from an emptied box where most of the users will throw it away. The specialty of this Green Box Basket is the material is made from natural resources such as paper. The consumers can reuse the green basket as long as the basket is still sturdy to use. It is suitable to carry groceries such as vegetables, fruits, home products and other things that not so big and bulky. The green basket also can be kept in the car or home as storage.

### **2.1. Advantages of Green Box Basket**

Green Box Basket has many advantages for us to use it. A box is made from a natural resource such as a tree. As it is environmentally friendly, it is very safe to use because it will not cause pollution to the environment. Unlike plastic bags, this product is easily disposed and did not take time to dissolve in the soil thus safer than plastic bags.

Other than that, Green Box Basket is easy to care and clean. It can be done by using cloth to remove the dust. Another advantage for Green Box Basket is light but strong. It can be used for indoor or outdoor purposes. Green Box Basket is very lightweight and multipurpose or multifunctional. Consumers can use it as a basket for laundry besides grocery. Since it is handmade and do it yourself product, consumers can decorate it according to their preference and needs. Green Box Basket is highly affordable as the raw material required to make this product is cheap and readily available. This product is one of the most cost-effective solution to handle the social issue related to pollution. However, since Green Box Basket is made of paper, the only thing that Green Box Basket needs to avoid is water. So consumers need to be more cautious during the raining season when using Green Box Basket. Other than that, Green Box Basket is suitable and convenient for everybody and any products as long as the users can lift the Green Box Basket.

### 3. CONCLUSION

Green Box Basket is safer than plastic bags because it is made from used boxes. Green Box Basket also eco-friendly product and will not affect the environment because there is no chemical in this product. If more people are aware about this product and change their habits in turning used boxes in their homes into the Green Box Basket, one problem that can cause pollution can be solved. It is hoped that the society will be more concerned and aware about the environmental issues and will start running their life with activities or practices towards green environment and support the campaign GO GREEN.

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