

# Climate changes, Our actions

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Nobody could fail to remember clearly the world famous Copenhagen Conference, which meant to solve the problems of climate changes and to avoid the disasters brought by climate changes via cooperation between different countries. Nobody could fail to recognize that the climate is becoming stranger and stranger, not the same as before from personal experiences—more Natural Disasters, unpredictable changing temperatures, deterioration of ecological environment. Definitely, The earth is suffering thousands of sore bruise because of human activity—uncontrolled exploitation and plundering of natural resources. It is universally acknowledged that driven by economic benefits, people of environmental consciousness making short-term benefits at the expense of sacrificing the environment have worsened the ecological environment and changed the climate.



*Uncontrolled exploitation of resources (coal, oil) for economic development*

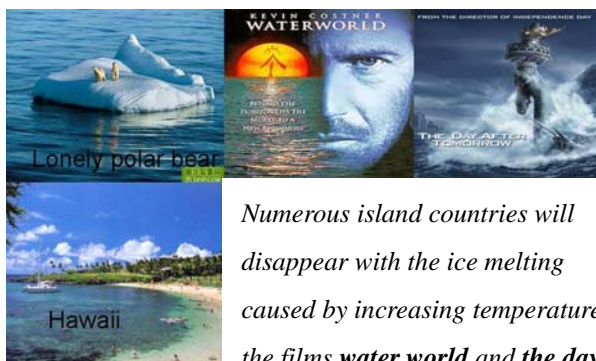


*In China, uncountable residential houses are knocked down and rebuilt for GDP; the average life span of the building is only 30*



*Attention to China's Pollution taken by Luguang. Who will take the responsibility for the pollutions?*

The humanity has exploited excessively on the environment, and the Mother Earth has endured extremely. Everything has its limit, so does the earth. It is no need to look very far to find aftermath when our Mother Earth agrees.



*Numerous island countries will disappear with the ice melting caused by increasing temperature, the films **water world** and **the day after tomorrow** may come to reality*



*Lots of death and loss are contributed by frequent drought and flood, making poor districts poorer, no enough food and no education*

## **Actions**

Facing the serious environmental situation and climate change, cry and regret are far from solutions. People ought to extract lessons and take actions immediately to make up the damages. A lot of organizations and individuals have taken actions, such as inter-state, government, non-government organizations, scientists, individuals. Some effective actions in China could be introduced as follow:

### **From the Government**

Because of the right of law promulgation, government plays a significant role in environmental friendly action. Since June 1, 2008, the plastic bag ban was officially implemented in China, which meant the customers cannot use the plastic bag freely. The wastage of plastic bags decreased 2/3 and 1.6 million tons of oil was saved within one year. What's more, people formed the habit of reusing the bag. It is confident to address that the Plastic Bag Ban is a success—— reduce white pollution and save energy.



Renewable energy such as solar power and wind is the energy future since the traditional one is depleting and exacerbating the climate change. In contemporary society, the technology of clean and renewable energy enjoys a fast development, and some of the applications have entered people's daily life, such as solar/wind power street lamp, solar water heater. Energy-saving lamp is vigorously promoted especially in countryside because of its energy saving and long life span, and energy-saving cars which provide more subsidies as accessory to owner. Additionally, Enterprises with serious pollution are forced to be shut down; yet, greener products are encouraged and emphasized.



### **From the individuals**

Low-carbon lifestyle and low-carbon economy are permeating every corner of people's life. Low-carbon seems to be a kind of tide. It is possible that people are pleasure to join this fashion tide; however, they confuse how to be it. Some innovative idea from public might be illumination.

Mrs Wang is proud of that she always uses less fire than others when cooking eggs and the trick is fire off two minutes ahead. The medium well eggs will be well done in two minutes by soaking them in boiled water without heater and they will be more delicious. Mr Sun suggests that putting a brick or a Coca Cola bottle in the toilet bowl can reduce the bowl volume and hence the flushing water can be saved by a large extent.

One water, two uses: reuse the face-wash water to wash foot; reuse the collected clothes-wash water to clean and flush toilet, by which one ton water can be saved in a three-member family within a month; rice washing water can be reused to wash dishes, by which clean water usage together with detergent pollution be reduced; piscicultural water can

be reused to water the flower which has been employed by a number of families etc.

Living a low-carbon life from the life detail, everyone can also be a low-carbon expert.

### **From the technology**

The climate change forces the development of energy conservation and pollution reduction technology. As consequently, various kinds of fresh and advanced technology are invented. A large number of innovative and praiseworthy green technologies are shining in 2010 Shanghai World Expo. Some of them can be suggested as followed.

In the World Expo site, the buses are no more imputed as pollutant emission producers, but pure electric vehicles and fuel-cell vehicles. They are new-energy buses equipped with remote control system and can save 10000 ton traditional fuel and reduce 2.84 ton greenhouse gases by estimate. It is reported that Shanghai world expo garden is the largest example of new energy buses in the world.

Imagination of living in a bamboo or zero-carbon house, using chairs made from recycled newspaper, or even chopsticks made of chocolate biscuits sounds a bit far-fetched, yet London Pavilion proves that nothing is impossible.

Walking on the footstep-absorbing floor space in Japan Pavilion can produce electricity; the air-tree in Madrid Pavilion can keep the room cool as well as produce electricity; the grain roof of London Pavilion can collect rain water and lower the room temperature; the large curtain in Swiss Pavilion made by soy fiber can generate electricity and can be natural degradable; the equipment in China Pavilion can make biodiesel using CO<sub>2</sub> and alga...

The innumerable advanced green technologies make the “low carbon” not only a slogan but also the practical actions.

In addition to the actions above, the non-government organizations also play an important role, which organize spontaneously to launch all kinds of activities to raise people’s awareness of environmental protection, provide financial assistance to poor area, campaign for the public’s environmental right...

In daily life, please carry with a water drinking bottle in order to decrease the usage of plastic bottle; please bring a pair of chopsticks with you to guarantee your health and reduce the felling of trees; please pick up garbage on the ground to keep the environment clean and create a good environmental protection atmosphere... the details of everyone consist of great contributions to the climate change mitigation. Please take actions immediately since you are a member of the family earth.

Have you seen these flowers? They are flowers taken by my friend who is exploring to the North Pole. I believe you don’t want to make this breathtaking beauty to disappear on the earth.

**Climate changes, we change! Change the mind, change the lifestyle, and change the world...Now, it’s time to action!**



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## Abstract

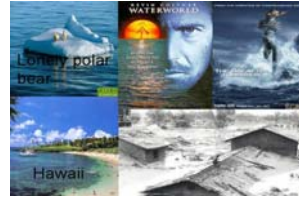
The earth is suffering thousands of sore bruise and the climate is changing because of human activities——uncontrolled exploitation and plundering of natural resource, making short-term benefits at the expense of sacrificing the environment. It's universally acknowledged that it's time to take actions copying with climate change. Every country takes corresponding measures to conserve energy and reduce pollution, so does China. Actions from the government, individuals, technology development etc play important roles in low-carbon fashion tide, and achieve relative effect. The concept of low-carbon has permeated every single corner of people's life and changed people's lifestyle.

## Introduction

Uncontrolled exploitation and plundering of natural resource, irresponsible and indiscriminate discharge of pollutants have contributed to climate change, which brings about the disappearance of many island countries and other adverse effects (the following pictures).



*Resource exploitation  
Pollutant discharge*



*Adverse effects*

People extract lessons and take actions immediately to make up the damages. In China, actions from the government, individuals, technology development etc play important roles in low-carbon fashion tide, and achieve relative effects.



Plastic bag ban

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## Government



Solar/wind power street lamp



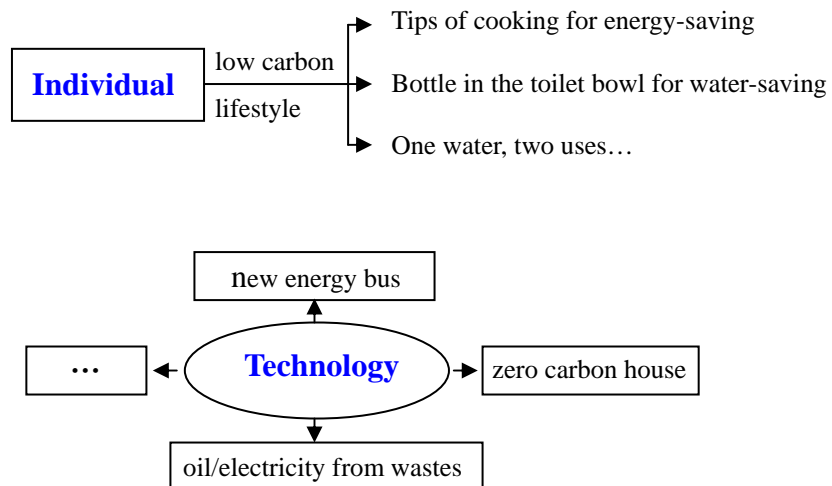
Energy-saving lamp



Solar power heater



Shut down



**Climate change, our actions!**

**We have the confidence to make a better future! You and me together!**