

Advocating all sectors of society to achieve carbon neutrality through afforestation

1. Name and Title

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2. Background and Description

Launched by the China Green Carbon Exchange Foundation in October 2010.

Content:

Carbon neutrality refers to the calculation of the total amount of greenhouse gas emissions directly or indirectly generated by enterprises, organizations or individuals within a certain period of time, and then through the "purchase of carbon credits", a project that emitters contribute to afforestation or reducing carbon emissions, to offset the emitted greenhouse gases, thereby achieving the goal of reducing the concentration of greenhouse gases in the atmosphere. Carbon emission of enterprises, organizations or individuals is also called carbon footprint, which mainly refers to the sum of carbon emissions generated by energy or resource consumption during production, operation and life, generally including electricity, gas, transportation, etc. (usually expressed in tons of carbon dioxide equivalent).

In order to encourage enterprises and organizations to participate in green carbon sink public welfare undertakings, establish a good social image as well as improve their soft power, China Green Carbon Foundation has established a set of technical standards for forestry carbon sink projects, combining years of exploration and practice. It utilized the current international mainstream green low-carbon concept, mobilized enterprises, organizations and other donations to afforest and increase foreign exchange, and carried out "carbon neutrality" projects.

Results:

So far, more than 50 carbon neutral projects have been successfully organized and implemented by mobilizing all sectors of society to donate funds for afforestation of emissions from production processes, conferences and activities. A lot of successful experience was summed up and the project has won the praise of social all circles and praise.

Case I: Carbon Neutrality Project of Annual Summit of China Green Companies

From 2011 to 2019, the China Green Carbon Foundation worked closely with the Lao Niu Foundation and the China Entrepreneur Club to organize and implement the Carbon Neutrality Project of Annual Summit of China Green Companies for nine consecutive years. The China Green Carbon Foundation has used more than 2 million Yuan donated by the Lao Niu Foundation to build 9 carbon-neutral forests, covering more than 700 mu in Helinge'er County, Inner Mongolia in order to offset the carbon emissions generated by the 9 annual meetings. It has achieved the goal of Carbon Neutrality Conference of Annual Summit of China Green Companies, led the low-carbon for office work and conferences, and advocated and practiced low-carbon production.

Case 2: Carbon Neutrality Project of APEC Summit 2014

In November 2014, the Asia-Pacific Economic Cooperation (APEC) Leaders' Summit was held in Beijing. Advocated by the former State Forestry Administration and the Municipal Government of Beijing, and approved by the Ministry of Foreign Affairs, the China Green Carbon Foundation together with the Beijing Gardening and Greening Bureau, used 6.5 million yuan donated by China CITIC Group Co., Ltd. and Spring Airlines Co., Ltd to build 1274 mu of carbon-neutral forest in Huairou District of Beijing and Kangbao County. In the coming 20 years, about 6,371 tons of carbon dioxide equivalent carbon emissions generated by the meeting will be absorbed, achieving the goal of “carbon neutrality”. This project has been the first time in the history of the APEC meetings and the second major international conference hosted by the Chinese government that achieved zero emission targets through afforestation.

Case 3: Carbon Neutrality Project of G20 Hangzhou Summit 2016

In order to demonstrate to the G20 the determination, actions and responsibility of China to adhere to low-carbon and green development, the G20 Hangzhou Summit carbon neutrality project was implemented by the former State Forestry Administration and the Provincial Government of Zhejiang, and approved by the Ministry of Foreign Affairs. The project was organized and implemented by the China Green Carbon Foundation, Forestry Department of Zhejiang Province and Municipal Government of Hangzhou. The project utilized the donation of 1.5 million Yuan from Lao Niu Foundation and Wanma United Holding Group Co., Ltd. to build 334 Mu of carbon sink forest in Lin'an District, Hangzhou City, Zhejiang Province. In the following 20 years, carbon emissions, equivalent to approximately 6,674 tons of carbon dioxide, generated by the meeting will be offset. Through the afforestation, the G20 Hangzhou Summit was established as a carbon-neutral international conference. It is the first time in the history of the G20 Summit. It was also the third major international conference, hosted by the Government of China, having achieved zero emission targets through afforestation after the 2010 UN Climate Change Tianjin Conference and the APEC Summit 2014.

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