



Contact

Department of Climate Change, Ministry of Ecology and Environment, China
Foreign Environmental Cooperation Center, Ministry of Ecology and Environment, China

Telephone

+86 (010) 6564 5654
+86 (010) 8226 8524

E-mail

tian.yuanxin@mee.gov.cn
zhou.qiyue@fecomee.org.cn

Edited and designed by

Foreign Environmental Cooperation Center, Ministry of Ecology and Environment, China

— South-South Cooperation on Climate Change —

China in Action





Concerted efforts are needed to address climate change, a formidable and common challenge facing the international community. Proactive implementation of South-South Cooperation on Climate Change is a concrete action under President Xi Jinping's Thought on Ecological Civilization and philosophy of working together to foster a "community of life for man and Nature". As the Chinese proverb goes, "teach a man to fish and you feed him for a lifetime". In recent years, China has made utmost efforts to help developing countries to raise their capacities to address climate change. The pragmatic actions by China, such as climate change mitigation and adaption, joint construction of low-carbon demonstration zones, and capacity building training, have been widely praised by recipient countries and the international community.

Implementation of Leader’s Initiative and Promotion of South-South Cooperation on Climate Change

“As a participant, contributor, and leader in global ecological civilization, China remains committed to multilateralism, international cooperation on climate change, and solid promotion of South-South Cooperation on Climate Change. Chinese leader's calls in the international community have injected political impetus in South-South Cooperation.”

China will launch 10 low-carbon demonstration zones, 100 mitigation and adaptation projects, and training of addressing climate change for 1,000 persons in developing countries.

2015.11

President Xi Jinping delivered a speech titled “Work Together to Build a Win-Win, Equitable and Balanced Governance Mechanism on Climate Change”, at the opening ceremony of 2015 United Nations Climate Change Conference.

We have rolled out the Belt and Road Initiative (BRI) Environmental Big Data Platform and will continue to implement the Green Silk Road Envoys Program and work with relevant countries to jointly implement the plan of the Belt and Road South-South Cooperation on Climate Change.

2019.04

President Xi Jinping delivered a keynote speech titled “Working Together to Deliver a Brighter Future for Belt and Road Cooperation” at the opening ceremony of the Second Belt and Road Forum for International Cooperation.

As the Chinese proverb goes, “teach a man to fish and you feed him for a lifetime”. In recent years, China has made utmost efforts to help developing countries to raise their capacities to address climate change. From remote sensing satellites for climate monitoring in Africa to low-carbon demonstration zones in Southeast Asia and to energy-efficient lights in small island countries, such cooperation has yielded prominent and fruitful results.

2021.04

President Xi Jinping attended the Leaders Summit on Climate via video link and delivered a speech titled “For Man and Nature: Building a Community of Life Together”.

China will assist Africa in implementing 10 green, environmental protection and climate change projects, support the construction of the “Great Green Wall”, and build low-carbon demonstration zones and climate change adaptation demonstration zones in Africa.

2021.11

President Xi Jinping attended the Eighth Ministerial Conference of the Forum on China-Africa Cooperation (FOCAC) and delivered a speech entitled “Uphold the Tradition of Always Standing Together and Jointly Build a China-Africa Community with a Shared Future in the New Era”. At this meeting, the Declaration on China-Africa Cooperation on Climate Change was issued.



China Aids

The South-South Cooperation on Climate Change mainly include: working together to build low-carbon demonstration zones and demonstration zones of climate change adaptation, donating low-carbon environmental protection livelihood products that can mitigate climate change, disaster prevention and reduction facilities and other green and low-carbon scientific facilities that can generate mitigation effects, ecological and environmental protection equipment and goods that can achieve a synergy for addressing climate change, training on climate change and building capacities for low-carbon development, etc.



Recipients

The recipients of goods of South-South Cooperation on Climate Change mainly include the developing countries, international or regional organizations mainly consisting of developing countries which have established a diplomatic relation with China and are in need of aids.

The donation of goods will give a priority to the developing countries which have a low economic development level and are much impacted by climate change, especially small island countries, the least developed countries and African countries. And the donation will focus on developing countries participating in the Belt and Road Initiative.

I Institutional Guarantee I

In August 2021, China International Development Cooperation Agency (CIDCA), jointly with the Ministry of Foreign Affairs and the Ministry of Commerce, printed and distributed the Administrative Measures for Foreign Aid, in which the cooperation mechanism and channel between CIDCA and implementing agencies for foreign aid are defined, providing China's foreign aids with an institutional guarantee.



In January 2020, CIDCA issued the Administrative Measures for the Use of Foreign Aid Signs, as improved guidelines on the use and administration of foreign aid signs.



In November 2020, the Ministry of Ecology and Environment and CIDCA jointly issued the Interim Measures for the Administration of South-South Cooperation Goods Aid Projects on Climate Change, in a bid to further regulate and reinforce the administration of relevant projects.

In December 2021, the Ministry of Ecology and Environment issued the Interim Management Measures of the Ministry of Ecology and Environment's Training Program on South-South Cooperation on Climate Change, further standardizing and strengthening the implementation and management of the training program on South-South Cooperation on Climate Change.

In addition, the Ministry of Ecology and Environment is working to formulate detailed rules for the implementation of material assistance and foreign training management of South-South Cooperation on Climate Change, and further improve the management system of South-South cooperation on climate change.



I Regions/Countries I

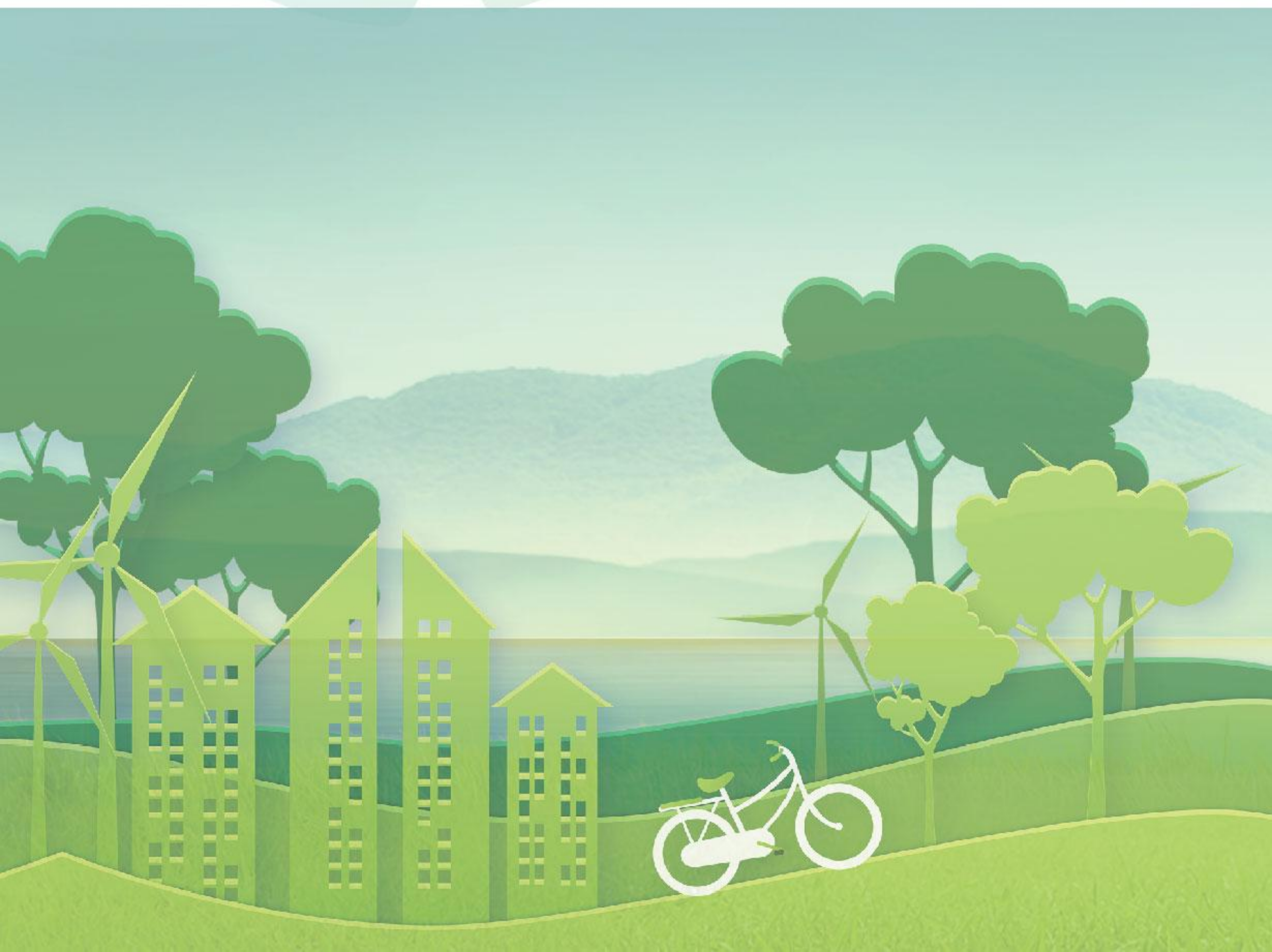
The Chinese government is actively implementing the state leader's initiative on launching 10 low-carbon demonstration zones, 100 mitigation and adaptation projects, and training of addressing climate change for 1,000 persons, and Belt and Road Initiative for South-South Cooperation on Climate Change.

As of August 2022, China has signed 43 climate change cooperation documents with 38 countries in Africa, Asia, Oceania and Latin America, and held a total of 45 training courses on climate change under South-South Cooperation, and provided the best possible supports for other developing countries, especially the least developed countries, African countries and small island countries to address climate change, as a milestone in China Aids.



Construction of Low-Carbon Demonstration Zone

South-South Cooperation on Climate Change China in Action



| Low-Carbon Demonstration Zone Project in Laos |

In July 2020, the Chinese and Lao governments signed the Memorandum of Understanding on Cooperation in Building Vientiane Saysettha Low-carbon Demonstration Zone between the Ministry of Ecology and Environment of the People's Republic of China and the Ministry of Natural Resources and Environment of the Lao People's Democratic Republic. Both parties agreed to jointly prepare the construction plan of the low-carbon demonstration zone, supplying goods for addressing climate change, including solar LED road lamps, and new energy buses, trucks, environmental law enforcement vehicles and environmental monitoring devices, and provide trainings of capacity building, thereby improving the Laos' capacities to tackle climate change.

Vientiane Saysettha Development Area is a state-level cooperation project jointly initiated by the Chinese and Lao governments. The cooperation in building the Vientiane Saysettha Low-carbon Demonstration Zone will further deepen China-Laos friendship, build a community of shared future featuring green, low-carbon development and mutual benefit between the two countries, and provide useful guidance and demonstration in the low-carbon development in development areas of the countries along the Belt and Road.



In July 2020, China's Minister of Ecology and Environment Huang Runqiu and then Lao Minister of Natural Resources and Environment Sonma Penthana signed a memorandum of understanding online



China and Laos cooperate in the construction of Vientiane Saysettha Low Carbon Demonstration Area Project

| Low-Carbon Demonstration Zone Project in Cambodia |

In November 2019, the Chinese and Cambodian governments signed the Memorandum of Understanding on Cooperation in Building Low-carbon Demonstration Zone between the Ministry of Ecology and Environment of the People's Republic of China and the Ministry of Environment of Kingdom of Cambodia, aiming to improve Cambodia's capacity on addressing climate change by supplying special equipment and materials such as solar street lamps, photovoltaic power generation systems, electric motorcycles and environmental monitoring devices, by providing trainings of capacity building, and by jointly preparing a construction plan of the low-carbon demonstration zone.

The Cambodian Low-Carbon Demonstration Zone, the first implemented project of such kind in China Aids, has not only opened a new chapter of cooperation on addressing climate change between the two countries, but also provided useful guidance and demonstration in exploring green low-carbon development routes in countries along the Belt and Road.



Assistance to on-site technical training of Cambodia's atmospheric environment automatic monitoring system



In November 2021, Zhao Yingmin, Vice Minister of the Ministry of Ecology and Environment of China, and Say Sam Al, Minister of the Ministry of Environment of Cambodia signed the certificate of delivery of aid materials

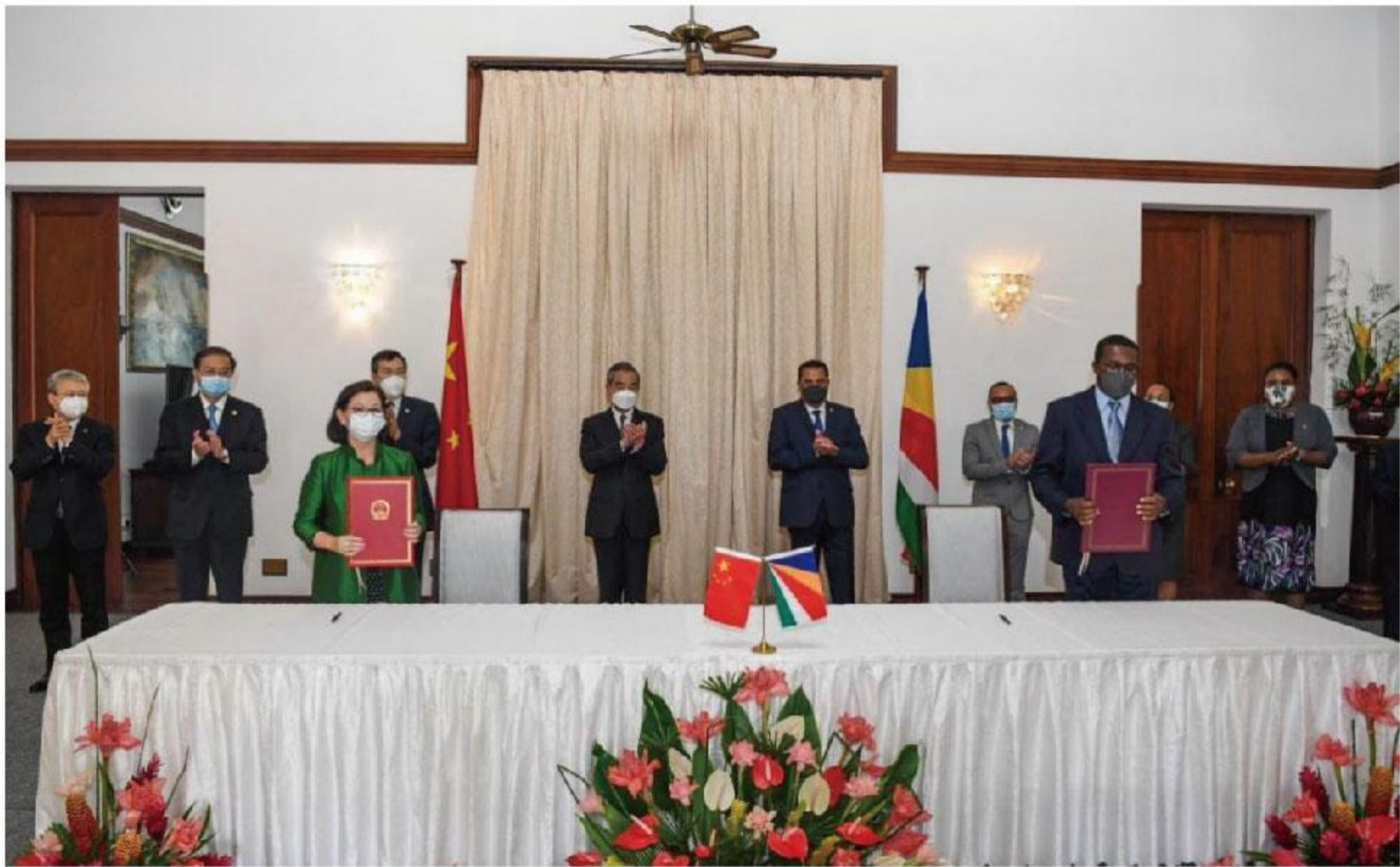


China-Cambodia low-carbon demonstration zone

Low-Carbon Demonstration Zone Project in Seychelles

In January 2021, in the presence of the two foreign ministers, the governments of China and Senegal signed the Memorandum of Understanding between the Ministry of Ecology and Environment of the People's Republic of China and the Ministry of Agriculture, Climate Change and Environment of the Republic of Seychelles on the Construction and Implementation of a Low-Carbon Demonstration Zone for South-South Cooperation against Climate Change.

China will promote green, low-carbon and sustainable development for the Seychelles, help the country improve its resilience to climate change by donating solar LED lighting systems, photovoltaic carport for scientific popularization, off-grid photovoltaic energy storage system, school photovoltaic (pv) grid system and electric bicycles, and other climate change materials, related capacity building training, and working together to prepare a plan of low-carbon demonstration zone.



In January 2021, in the presence of the foreign ministers of the two countries, Guo Wei, Chinese Ambassador to Seychelles, signed the Memorandum of Understanding on behalf of the Ministry of Ecology and Environment

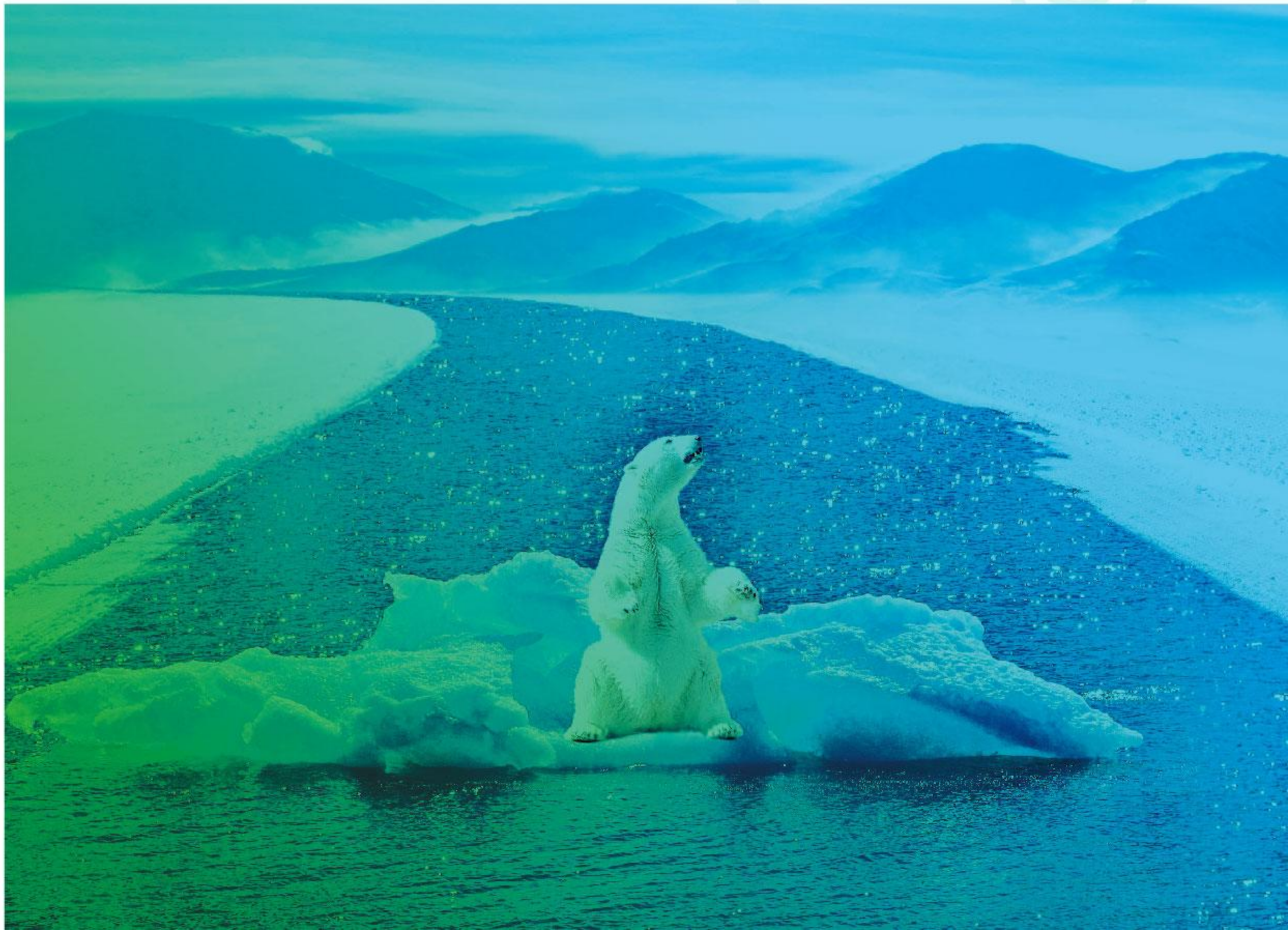
In May 2017, the Chinese and Seychelles governments signed the Memorandum of Understanding on Cooperation on Climate Change in Building Low-Carbon Demonstration Zone. According to the memorandum, the Chinese government will, among others, prepare the construction plan for the low-carbon demonstration zone, provide relevant goods and trainings to help the Republic of Seychelles improve its capacity to tackle climate change. In October, the same year, a group of Chinese experts went to Seychelles and carried out on-site investigations there, during which the boundary conditions, responsibilities on both sides, mode and content of the construction of the demonstration zone were identified.



China and Seychelles jointly build a low-carbon demonstration zone project

Climate Change Mitigation and Adaption Projects

South-South Cooperation on Climate Change China in Action



Goods Types

Goods donation of South-South Cooperation on Climate Change has been China's principal way of promoting South-South Cooperation over a long period of time. Supplies of goods to developing countries mainly include livelihood materials such as clean cook stoves and energy-efficient lights, synergistic environmental equipment against climate change including devices for air quality monitoring and industrial fume monitoring, as well as green low-carbon high-tech products of remote sensing satellites, mobile meteorological stations and electric buses.



Solar PV Power Generation Systems and Clean Stoves for Myanmar

In November 2014, the governments of China and Myanmar signed a memorandum of understanding on the donation of goods to address climate change, and signed a supplementary agreement to the memorandum of understanding in November 2015, confirming that China will provide Myanmar with 5,000 sets of 100-watt solar power generation systems and 10,000 clean biomass stoves to help Myanmar to improve living conditions in its rural areas, reduce deforestation and carbon emission while increasing the energy supplies, as well as to promote the cooperation between China and Myanmar in the field of climate change.



In March 2017, Xie Zhenhua, then China's Special Representative on Climate Change Affairs, signed the delivery certificate with Weng Win, Myanmar's Minister of Natural Resources and Environmental Protection



Mobile Meteorological Stations for Uruguay, Botswana, and Bolivia

In November 2019, the Ministry of Ecology and Environment of China and the Ministry of Education and Culture of Uruguay signed the Memorandum of Understanding on the Donations for the South-South Cooperation on Addressing Climate Change according to which, China provided Uruguay with a mobile receiving and processing system of integrated meteorological satellite data (mobile meteorological station) to offer regional meteorological information for Uruguay's weather forecast, disaster prevention and mitigation, environmental monitoring and agriculture, and help Uruguay improve the capacity to address climate change. As the Chinese proverb goes, "teach a man to fish and you feed him for a lifetime". The project has been designed to boost the in-depth exchanges in aerospace application technology with Uruguay while providing the mobile meteorological application system, so as to effectively promote the training of technical talents of Uruguay.



In September 2021, Zhao Yingmin, Vice Minister of the Ministry of Ecology and Environment, and Fernando Luján, Uruguayan Ambassador to China, attended the delivery ceremony of the mobile meteorological station for Uruguay

As early as November 2014, China and Bolivia signed the Memorandum of Understanding on the Donation of Goods to Tackle Climate Change, under which China donated Bolivia a set of mobile application system of integrated meteorological satellite data to help Bolivia realize real-time monitoring of local water resources, ice and snow melting, drought and other climate issues.

This project is China's first attempt to deepen scientific and technological exchanges in the fields of climate change and aerospace application, as well as a successful example of South-South Cooperation on Climate Change, which has a great significance to deepening of the cooperation.



In August 2016, Xie Zhenhua, then China's Special Representative on Climate Change Affairs, inspected the implementation of the Bolivia Mobile weather Station project under South-South cooperation on climate change



In December 2016, then Chinese Ambassador to Bolivia Wu Yuanshan and Bolivian Vice Minister of Public Works Vazquez attended the delivery ceremony

In November 2020, the Ministry of Ecology and Environment of China and the Ministry of Environment, Natural Resources Conservation and Tourism of Botswana signed the Memorandum of Understanding on the Donation of Materials for South-South Cooperation on Climate Change. China will donate Botswana a mobile meteorological station and other goods and equipment to help it improve the capacity to address climate change.



In November 2020, Zhao Yanbo, Ambassador to Botswana of China, and Kelen, the minister of the Ministry of Environment, Natural Resources Conservation and Tourism of Botswana signed a memorandum of understanding on behalf of China and Botswana, respectively

Remote Sensing Satellite-1 (ETRSS-1) for Ethiopia

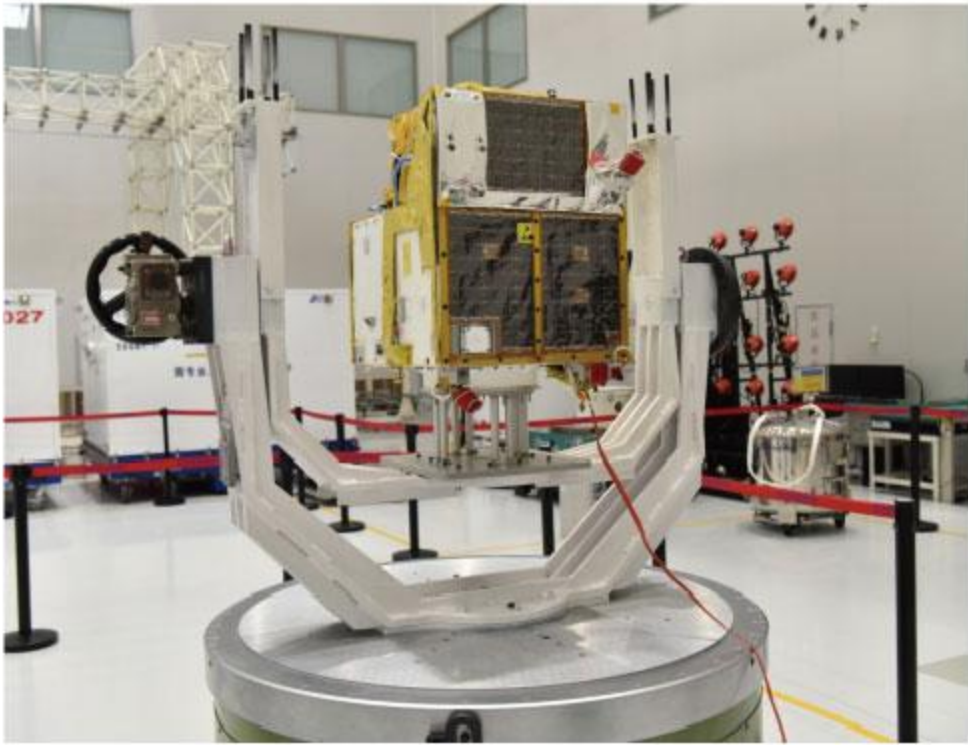
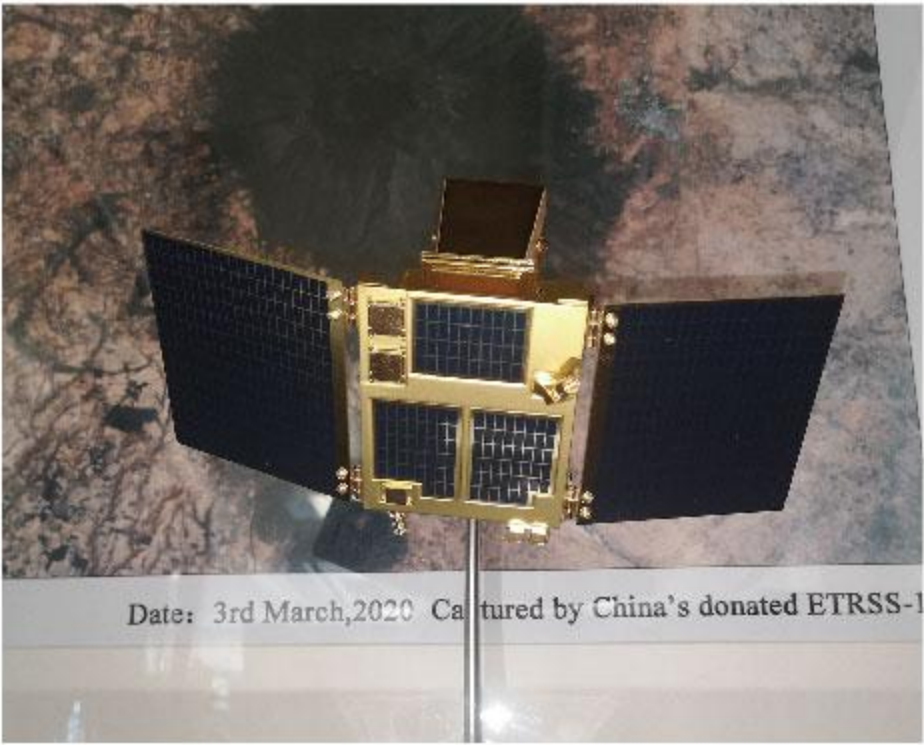


China and Ethiopia signed the Memorandum of Understanding on Donating a Small Satellite System to Address Climate Change in October 2016, according to which, China assisted the country with the development and launch of a wide-range multi-spectral satellite and ground-based test and control application system, to monitor Ethiopia's drought, floods, water resources and forest area changes, and help Ethiopia improve its capability to tackle climate change.

The Ethiopian Remote Sensing Satellite-1, (ETRSS-1), was sent into space together with other 8 satellites by Long March 4B carrier rocket in December 2019. As the first satellite of Ethiopia, the project had received high attention by governments of China and Ethiopia. Mr. Abiy Ahmed, Prime Minister of Ethiopia given instructions on the project in person. The successful launch of the satellite enabled Ethiopia to realize a breakthrough in the space system from scratch.



In December 2020, Liu Hua, then Vice Minister of the Ministry of Ecology and Environment of China, and Ethiopian Ambassador to China Tesom Toga attended the satellite delivery ceremony for ETRSS-1.



In April 2019, Abi Ahmed, Prime Minister of Ethiopia visited the development institute of ETRSS-1.



| Electric Buses for Chile |

In June 2019, the Ministry of Ecology and Environment of China and the Ministry of Transport and Telecommunications of Chile signed the Memorandum of Understanding on Climate Cooperation to Promote Low-Carbon Transportation. According to the memorandum of understanding, China will provide Chile with a one-time assistance of 20 electric buses, as well as public transportation services subsequently to support the development of low-carbon transportation in Chile. This project is the first low-carbon transportation project assisted by China and will be a new model for promoting South-South Cooperation in the field of green transportation.



In September 2019, Luis Schmidt, Chilean Ambassador to China attended the shipping ceremony of the electric buses.



| Solar PV Power Generation Systems for Pakistan |

The Ministry of Ecology and Environment of China and the China-Pakistan Economic Corridor Affairs Bureau of Pakistan signed the Memorandum of Understanding on Materials Assistance for Addressing Climate Change on July 2021, according to which, China will provide 3000 sets of solar PV power generation system to Pakistan to meet the demands for household electricity in Gwadar and to further strengthen mutual trust and cooperation in the field of climate change.

Before that, China and Pakistan once signed a climate change cooperation document for the first time in 2015, and relevant goods have been put into use in Pakistan and achieved good social effects. Pakistan said that they expect to deepen the cooperation with China under the Belt and Road Initiative to develop renewable energy and consolidate the long-lasting friendship between China and Pakistan.



Kiribati household photovoltaic power generation system and seawall cement project

On May 27, 2022, in the presence of State Councilor and Foreign Minister Wang Yi and President and Foreign Minister Tanesh Mamao of Kiribati, Chinese Ambassador to Kiribati Tang Songgen, on behalf of the Ministry of Ecology and Environment, and Naomi Biribo, Permanent Secretary to the Cabinet of Kiribati, signed the Phase I Implementation Agreement of Goods Donation of South-South Cooperation on Climate Change: Sub-Project of Household Photovoltaic Power Generation System, according to which, China will help Kiribati improve its capacity to address climate change by providing household photovoltaic power generation systems and cement for seawalls and other materials related to climate change.



In May 2022, Tang Songgen, Chinese Ambassador to Kiribati, signed the cooperation document on behalf of the Ministry of Ecology and Environment

Fiji Solar Street Lamps, LED Lights and Solar Home System Assistance Project



In May 2022, Qian Bo, Chinese Ambassador to Fiji, signed the cooperation document on behalf of the Ministry of Ecology and Environment

On May 30, 2022, in the presence of State Councilor Wang Yi and Fijian Prime Minister and Foreign Minister Vfrank Bainimarama, Chinese Ambassador to Fiji Qian Bo, on behalf of the Ministry of Ecology and Environment, and Permanent Secretary of the Prime Minister's Office of Fiji Yogesh Karan signed the Memorandum of Understanding on Goods Donation for South-South Cooperation on Climate Change, according to which China will provide effective support to Fiji to strengthen its domestic capacity to address climate change by providing solar street lamps, LED lamps, solar home systems and other materials related to climate change.

Assistance to Burkina Faso in building a 4 MW solar power plant



In October 2021, Li Jian, Chinese Ambassador to Burkina Faso, signed the cooperation document on behalf of the Ministry of Ecology and Environment

On October 22, 2021, China and Burkina Faso signed the Memorandum of Understanding between the Ministry of Ecology and Environment of the People's Republic of China and the Ministry of Energy and Mining of Burkina Faso on South-South Cooperation on Climate Change in Building Solar Power Plants. China has assisted Burkina Faso in building a 4MW solar power station in local cooperation, helping it improve its ability to generate electricity and cope with climate change, and promoting the low-carbon development and energy transformation of Burkina Faso. After the completion of the power station, it can meet the annual electricity demand of about 20000 local households. Burkina Faso said that the significance and long-term impact of the cooperative construction of solar power plants go far beyond the project itself and will become the cradle of photovoltaic practitioners.

Assistance to Costa Rica Electric Buses Project

On February 24, 2022, Chinese Ambassador to Costa Rica Tang Heng, on behalf of the Ministry of Ecology and Environment, and Costa Rica's Minister of Environment and Energy, Andrea Mesa, signed the Memorandum of Understanding on Goods Donation for South-South Cooperation on Climate Change, according to which China will provide assistance to Costa Rica for its low-carbon transport transformation through electric buses. The Colombian side said that Colombia is a leader in the development of electric transportation in Latin America and that Colombia and China are strategic partners of each other. The cooperation between the two countries in promoting the modernization of electric transportation can set an example for other countries in the region.



In February 2022, Chinese Ambassador to Costa Rica Tang Heng signed a cooperation document on behalf of the Ministry of Ecology and Environment

Solar photovoltaic systems, LED lighting and energy-efficient air conditioning projects in Samoa, Tonga, Ghana and Iran

China's assistance to Samoa, Tonga, Ghana, Iran and other countries in solar photovoltaic systems, LED lights, energy-saving air conditioning and other projects has promoted the development of renewable energy and strengthened their capacities to address climate change.



In September 2016, the project implementation company trained local residents in Samoa to install and use solar photovoltaic power generation system



In December 2015, the project implementation enterprise conducted on-site training of solar LED light project in Tonga



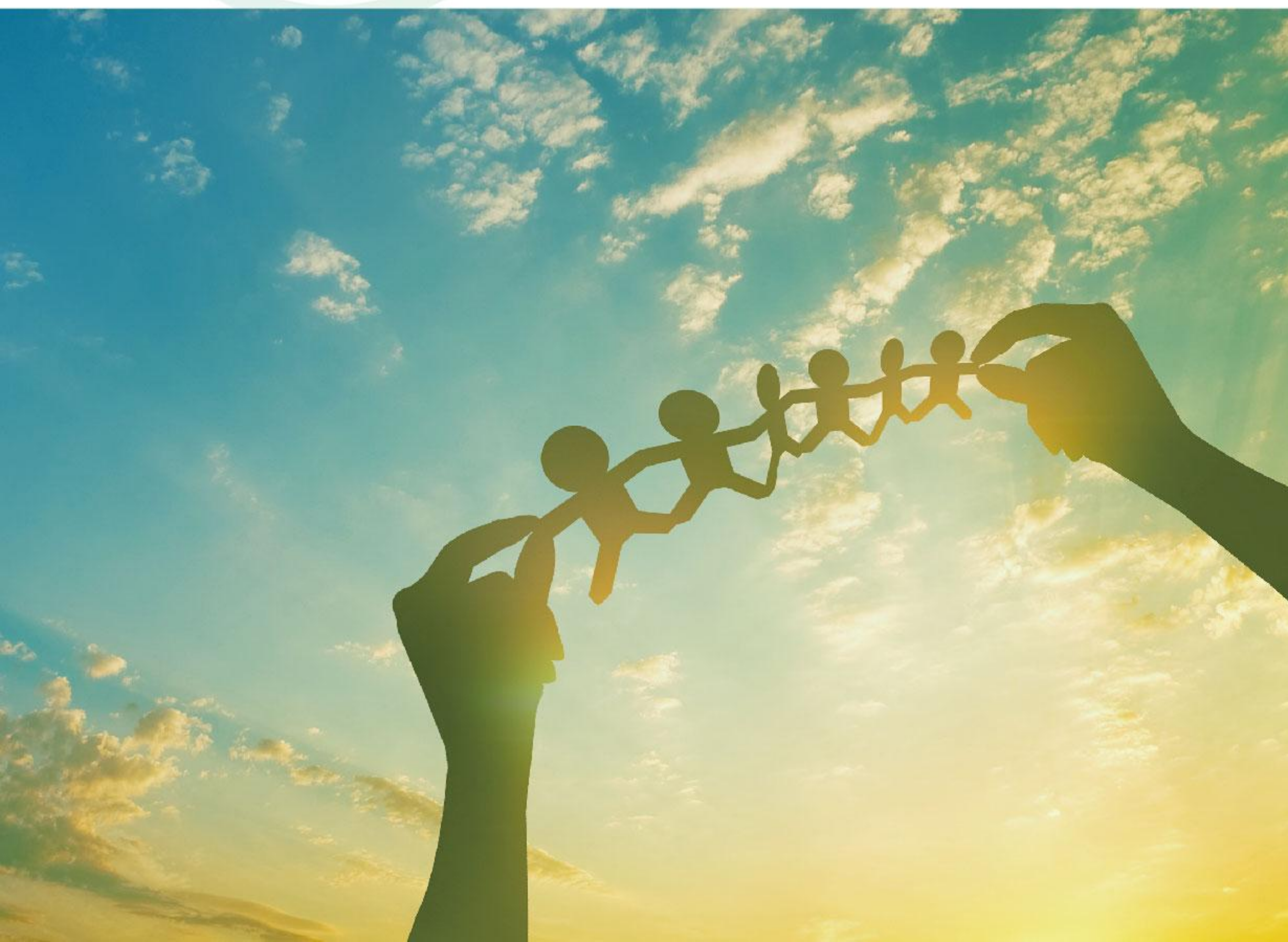
A solar photovoltaic power generation system is installed at an environmental protection workstation in Iran in September 2021



In March 2017, the project implementation enterprises conducted training in Ghana University of Resources. Students were trained to assemble and light the first photovoltaic household power generation system by themselves

Capacity Building Training for South-South Cooperation on Climate Change

South-South Cooperation on Climate Change China in Action



The Capacity Building Training for South-South Cooperation on Climate Change is an important way for China to further promote the South-South Cooperation on Climate Change, which is helpful for building a mutually beneficial and win-win cooperation platform, further the international cooperation in relevant fields, and explore and participate in global climate management, so as to contribute Chinese wisdom in achieving goals of global climate management.

Up to now, China has organized 45 workshops on climate change, and trained nearly 2,000 officials, experts, scholars, and technicians in the field of climate change for more than 120 developing countries. Participants said that China has been making efforts to build a platform to provide technologies and capability building trainings for developing countries while working hard to address climate change itself, which shows China's accountability and contribution to the construction of a community with a shared future for mankind.



In September 2019, Xie Zhenhua, then China's Special Representative on Climate Change Affairs, attended the opening ceremony of the Low-Carbon Technology and Industrial Development Training Course

| Various Theme Lectures |



An expert gave a lecture themed "The Development and Practice of China's Ecological Civilization Theory"



An expert gave a lecture themed "Global Climate Governance and Low-Carbon Practices under the Belt and Road Initiative"



An expert gave a lecture themed "Application Review Principle and Case Analysis for Climate Change Project Proposal"

| Pragmatic and In-depth Visits |



The trainees visited the low-carbon production base of ENN Group



A Visit to Beijing Environment Exchange



The trainees visited a case of green and low-carbon building design - Wuhan New Energy Research Building



The trainees visited GKG Precision Machine Co., Ltd. in Dongguan

| Inspirational Workshops |



An exchange on new energy vehicles and green transportation technologies in Foton AUV



Lively discussion by trainees



Presentation by a trainee from Fiji



Group discussion

| Unique Cultural Experiences |



A visit to Tsinghua University Art Museum



A visit to the Forbidden City



An experience of public bicycles



A visit to the Bird's Nest



A visit to Beijing Daxing International Airport