

Summary of Side Event Scientific and technological innovation promotes urban carbon neutrality

Thursday, May 4, 2023-8:30p.m.-Shenzhen, China-SISD

The **Side Event Scientific and technological innovation promotes urban carbon neutrality** was co-sponsored by SISD, Chinese Society for Sustainable Development, and co-hosted by Science-Innovation Institute of Sustainable Development, Longgang, Shenzhen; Tencent Westart (Shenzhen), Shenzhen Bay Technology, UDO and has been successfully held at 8:30 p.m. on May 4, 2023, in Shenzhen, China, with the support of Permanent Mission of China to the UN, The Administrative Center for China's Agenda 21, Cities Climate Leadership Group, etc. The Side Event focuses on the core theme of technological innovation Promoting sustainable development and invites international and domestic industry leaders such as international organizations, experts and academicians, local government leaders, and enterprise representatives to gather together in a roundtable format to explore cutting-edge perspectives. Guests and Speakers expressed their views, shared practices, and innovative experiences of carbon neutrality transformation development in cities at home and abroad, and discussed the best practice path of urban sustainable development. This provides valuable experience for comprehensively advancing the 2030 Agenda for Sustainable Development at the urban level. In addition, the regions participating in the Side Event include Benin, Laos, Myanmar Consul General in Kunming, Guinea-Bissau, Niger, Beijing, Shanghai, Guangdong, Sichuan, Shanxi, Inner Mongolia, Hunan, Henan, Hebei, Yunnan, Guizhou, Jiangxi, Qinghai, etc.

The main objective of the Session is closely aligned with STI Forum 2023 and has an exclusive focus on the role and contributions of science, technology, and innovation in promoting the city's sustainable development. The Session helps to provide a platform to:

- ♦ Exchange experiences of China's best practices on sustainable development among multi-stakeholders worldwide;
- ♦ Display the latest progress and demonstration cases of sustainable development goals, state-of-the-art platforms, and low-carbon technologies;

- ♦ Reflect on how technological innovation plays a better role in empowering urban sustainable and low-carbon development;
- ♦ Strengthen scientific and technological innovation cooperation among various stakeholders, as well as cross-international cooperation and mutual progress at home and abroad;
- ♦ Establish regional synergistic collaboration in advancing the implementation of the 2030 Agenda through continuous partnership.

The recommendations for the sustainable development process include the following aspects:

- ♦ In combination with the construction of China's National Agenda for Sustainable Development Innovation Demonstration Zone, explore the path of urban carbon neutrality and strengthen cooperation and exchanges between major cities at home and abroad.
- ♦ Promote the continuous renewal and green development of cities in areas such as clean energy, green buildings, intelligent transportation, and the ecological environment through technological innovation, and rely on collaborative innovation between government, industry, academia, and research to promote the achievement of regional dual carbon goals.
- ♦ Communities will be a new opportunity and focus for cities to move towards zero carbon and sustainable development. We should strengthen knowledge sharing and mutual learning among cities to jointly enhance their sustainable development capabilities.
- ♦ The cultivation of "dual carbon" talents requires global collaboration, the construction of an international professional talent standard system, the promotion of deep integration of industry and teaching, and the improvement of the "dual carbon" technical talent appraisal and evaluation model.
- ♦ Negative emission technologies for carbon reduction, especially non-carbon dioxide negative emission technologies, are the key to achieving carbon neutrality in cities.