

The Role of China's ETS in Power Sector Decarbonisation

IEA-Tsinghua Joint Report Launch

Tuesday 20 April 2021, 15:30 – 17:00 Beijing | 9:30 – 11:00 Paris

Virtual platform: Zoom

Venue: Huiyuan Hall, Building No.5, Xijiao Hotel Beijing,
No.18 Wangzhuang Road, Haidian District, Beijing

北京西郊宾馆 北京市海淀区王庄路 18 号 5 号楼荟缘厅

Chinese and English, simultaneous interpretation

Context

The People's Republic of China (hereafter "China") officially launched its national emissions trading system (ETS) in 2017, and it will come into operation in 2021. Initially covering the power sector, which accounts for over 40% of China's energy-related CO₂ emissions, the ETS is set to subsequently be expanded to other energy-intensive sectors. China's national ETS could be an important market-based instrument to help the country meet its recently enhanced climate goals to have CO₂ emissions peak before 2030 and achieve carbon neutrality before 2060.

Objective

This report launch event is intended to share the key findings and recommendations of the IEA-Tsinghua joint report. The report explores how China's ETS can spur emissions reductions from electricity generation and support power sector transformation. It builds on understanding of power sector development and policy trends and relies on in-depth national and provincial scenario modelling of China's power system from 2020 to 2035. This study also analyses how the ETS's output- and rate-based design affects overall power sector emissions, technologies and costs, and regional distribution. Finally, it recommends ways China's ETS can play a stronger role in incentivising cost-effective and structural power sector decarbonisation to support the country's long-term climate ambitions.

Register here: https://ieaorg.zoom.us/webinar/register/WN_Uo9-7LCmScGoUllzGJnsdg

Agenda

Chair:	ZHANG Xiliang , Director, 3E Institute, Tsinghua University
15:30 Beijing 09:30 Paris	Welcome and Opening Remarks <ul style="list-style-type: none"> ZHANG Xin, Chief Economist, National Center for Climate Change Strategy and International Cooperation Hervé ALONCLE, Senior Project Officer, Beijing office, AFD Tom HOWES, Head of Energy and Environment Division, IEA
15:50 Beijing 09:50 Paris	The Role of China's ETS in Power Sector Decarbonisation Key findings and recommendations <ul style="list-style-type: none"> Cyril CASSISA, Senior Analyst, Environment & Climate Change Unit, IEA ZHANG Da, Associate Professor, 3E Institute, Tsinghua University
16:10 Beijing 10:10 Paris	Moderated panel discussion and questions <ul style="list-style-type: none"> ZHANG Jingjie, Director, Department of Industry Planning, Environment and Resources, CEC ZHAO Xiaolu, Senior Manager, China Program, Environmental Defense Fund CHEN Xinyu, Professor, Huazhong University of Science and Technology Sara MOARIF, Head, Environment and Climate Change Unit, IEA Moderator: ZHANG Xiliang , Director, 3E Institute, Tsinghua University
16:50 Beijing 10:50 Paris	Wrap up and closing remarks <ul style="list-style-type: none"> AN Fengquan, Senior Advisor, IEA ZHANG Xiliang, Director, 3E Institute, Tsinghua University Tom HOWES, Head of Energy and Environment Division, IEA
17:00 Beijing 11:00 Paris	End of the webinar