

Energy Policy Simulator (EPS) Technical Assistance Group Kick-off Meeting

The Energy Policy Simulator (EPS), developed by Energy Innovation Policy and Technology (EI), is a free and open-source system dynamic model for simulating and evaluating the impact of energy and climate policies on energy consumption, greenhouse gas emissions, pollutant emissions, investment needs, and related socioeconomic indicators.

In 2017, EI collaborated with the National Center for Climate Change Strategy and International Cooperation (NCSC) and the Energy Research Institute of the National Development and Reform Commission (ERI) to jointly develop the China EPS-2017 tool. Since then, EPS had been deployed at regional level for low carbon development studies. EI and the Green Innovation Development Center (iGDP) started the update of the China EPS model in 2021 and have since then released an online version of the new model to support the analysis of policy options, technology choices, and investment directions in the context of the "dual carbon" strategy. The latest version of the model has a more detailed analysis of the industrial sector. The latest version of the model has a more detailed classification of industries and allows for more complex, flexible, and country-specific policy scenarios.

As the "dual carbon" efforts at the local level advance in China, the EPS model is attracting more and more attention from local teams as an open source, free, and system dynamic model. Therefore, it is imperative to establish a technical support team to respond both comprehensively and speedily to the needs and challenges faced by different users of the model. This closed-door kick-off meeting is intended to invite EPS model development teams and application teams with successful cases to form a technical support group and introduce their existing work and experience, as well as to invite local teams to share and exchange ideas and identify the future direction and focus of

the technical group's work. You are invited to attend and speak at this meeting.

Meeting time: 2023/3/16, 8:00am-10:05am (Beijing time)

Meeting location:

<https://us06web.zoom.us/j/86795743967?pwd=SUhIT3R0OFhvOWNIYnoyaGc2ZlB0Zz09>

Meeting ID : 867 9574 3967

Password : 743282

Organizer: innovative Green Development Program

AGENDA

Moderator: innovative Green Development Program (iGDP)	
8:00-8:05	Introduction of Meeting Background and Participants Moderator
8:05-8:30	Introduction of Application of EPS Application Globally and the China National Models <ul style="list-style-type: none"> • Robbie Orvis, Senior Director, Modeling and Analysis, Energy Innovation (EI) • CHAI Qimin, Director, Strategy and Planning Department, National Center for Climate Change Strategy and International Cooperation (NCSC) • YANG Li, Research Directory/Senior Analyst, iGDP
8:30-9:00 10min/ region	Introduction of Existing Application of EPS Zhejiang <ul style="list-style-type: none"> • XI Wenyi, China Climate and Energy Department, Associate Researcher, World Resources Institute (WRI) • WU Junhong, Associate Director, the Research Institute of Carbon Peaking and Carbon Neutrality, Zhejiang Development Planning & Research Institute Guangzhou <ul style="list-style-type: none"> • LIU Zhen, Research Associate, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences Anhui, Guangdong, Jiangxi, Chongqing <ul style="list-style-type: none"> • XI Xi, Analyst, iGDP
9:00-10:00 8min/ person	EPS User Guide and Technical Assistance Group Work Plans Discussion Points: <ul style="list-style-type: none"> • Related work plan on modeling and research • How can the technical assistance group support the work plans? • What kind of support can the technical assistance group provide to help promote EPS application at local levels in China? • What are future focuses of local “dual carbon” planning

work?

- How to improve EPS to improve its usability in China?

Participants:

- LI Moyu, Assistant Researcher, Strategy and Planning Department, NCSC
- XI Wenyi, Associate Researcher, China Climate and Energy, WRI
- WU Junhong, Associate Director, the Research Institute of Carbon Peaking and Carbon Neutrality, Zhejiang Development Planning & Research Institute
- LIU Zhen, Research Associate, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences
- XIE Yunsheng, Associate Professor/Associate Director, Institute of Energy Research, Jiangxi Academy of Science
- LV Zhixian, Associate Director, Institute of Ecological Environment Policy and Economics, Hunan Research Academy of Environmental Sciences
- XI Xi, Analyst, innovative Green Development Program

10:00-
10:05

Initiation of the Group and Conclusion

List of Participants

Robbie Orvis	Senior Director, Modeling and Analysis, Energy Innovation
Minshu Deng	Senior Policy Analyst, Energy Innovation
ZHANG Xiuli	China Project Manager, Energy Innovation
ZOU Lele	China Industry and Power Initiative Director, Climate Imperative
CHAI Qimin	Director, Strategy and Planning Department, NCSC
LI Xiaomei	Director, Modeling Research, Strategy and Planning Department, NCSC
MA Yujie	Director, Carbon Neutrality Research, Strategy and Planning Department, NCSC
LI Moyu	Assistant Researcher, Strategy and Planning Department, NCSC
HUANG Zihan	Assistant Researcher, Strategy and Planning Department, NCSC
TIAN Shuang	Assistant Researcher, Strategy and Planning Department, NCSC
ZHENG Xiaoqi	Lecturer, Nanjing University of Posts and Telecommunications
XI Wenyi	Research Associate, China Climate and Energy, WRI
ZHANG Daiyang	Research Assistant, China Climate and Energy, WRI
HE Heng	Associate Director, Research Institute of Energy and Environment, Zhejiang Development Planning & Research Institute
CHEN Lijun	Director, Carbon Peaking and Carbon Neutrality Research, Zhejiang Development Planning & Research Institute
WU Junhong	Associate Director, Carbon Peaking and Carbon Neutrality Research, Zhejiang Development Planning & Research Institute

LIAO Cuiping	Professor, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences
LIU Zhen	Research Associate, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences
XIE Yunsheng	Associate Professor/Associate Director, Institute of Energy Research, Jiangxi Academy of Science
YANG Lei	Research Associate, Institute of Energy Research, Jiangxi Academy of Science
WU Xiaofang	Research Associate, Institute of Energy Research, Jiangxi Academy of Science
HE Guijin	Research Assistant, Institute of Energy Research, Jiangxi Academy of Science
WANG Xin	Graduate Student, Institute of Energy Research, Jiangxi Academy of Science
LV Zhixian	Associate Director, Institute of Ecological Environment Policy and Economics, Hunan Research Academy of Environmental Sciences
SHI Guangming	Researcher, Institute of Ecological Environment Policy and Economics, Hunan Research Academy of Environmental Sciences
LI Caiyan	Engineer, Institute of Ecological Environment Policy and Economics, Hunan Research Academy of Environmental Sciences
WANG Rui	Senior Consultant, Smart Trans
WANG Yanhui	Deputy Director, iGDP
YANG Li	Research Director/Senior Analyst, iGDP
XI Xi	Analyst, iGDP
LI Xindi	Analyst, iGDP
ZHU Tongxin	Assistant Analyst, iGDP

