

## ***NDC Transport Initiative for Asia 2021 Event Series – Decarbonising Transport***

### **China Annual Workshop – Planning and Major Policies for Peaking Carbon Dioxide Emissions from Transportation and Carbon Neutrality**

**Date:** November 23<sup>rd</sup>, 2021

**Time:** 09:00 CST | 02:00 CET

**Venue:** *Online Zoom Meeting*

The transportation sector contributes roughly a quarter of all carbon dioxide (CO<sub>2</sub>) emissions globally. Additionally, the three largest vehicle markets – China, Europe, and the United States – have all announced long-term, economy-wide carbon neutrality targets. While decarbonising the transport sector is clearly a critical component in meeting these targets, not all of these countries have developed a clear vision or plan to decarbonise their respective transportation sectors. Currently, China is also in a critical stage of developing its 14<sup>th</sup> Five-Year Plan (FYP) and creating a sectoral roadmap for peaking CO<sub>2</sub> emissions from transportation.

Against this backdrop, this workshop intends to share knowledge and foster dialogue on the vision, macro-level planning, key policy instruments, and research activities toward decarbonising transportation in Germany, Europe, and China. The event convenes regulators, researchers in quasi-governmental agencies, and NGOs in the field.

The workshop is organized as part of the NDC Transport Initiative for Asia 2021 Event Series – Decarbonising Transport. The event series aims to contribute to the knowledge of international best practices for transport-sector decarbonisation and to the development of strategies related to China's recently set targets of CO<sub>2</sub> emissions peaking by 2030 and carbon neutrality by 2060. The meetings are designed to offer information from different perspectives and to engage stakeholders at different impact levels. The first online seminar, *European Green Deal and the Fit for 55 Package from a Transport Perspective*, provided a timely interpretation of the bigger picture of Fit for 55 and its implications for transportation to high-level policymakers. The second workshop on the *Climate Targets and Impacts in the Transport Sector in the European Union and China* brought together a broader audience and facilitated sharing of international experiences with climate targets and policies in different transportation sectors and industries, including road, waterway, and aviation. This third, closed-door meeting will focus on peaking CO<sub>2</sub> emissions and carbon neutrality from a regional perspective. As this meeting is the last workshop of this series, it will include detailed updates from key markets, including about macro-level planning for road transportation decarbonisation, targets, and policies. Additionally, international and Chinese institutions will provide key research findings to-date about China's pathways for carbon reduction from transportation. The details of this event will be announced through the NDC Transport Initiative for Asia website, <https://www.ndctransportinitiativeforasia.org/>.

### **Workshop Agenda:**

**November 23, 9:00 – 17:40**

时间 Time	内容 Content	主持人/发言人 Moderator/Speaker
<i>Theme 1: Climate macro-level planning and goals for transportation</i>		
9:00–9:10	开场及上午场介绍 Opening remarks and preview of the morning session	主持人 Moderator: <b>Sebastian Ibold</b> 德国国际合作机构 GIZ
9:10–9:30	领导致辞 Keynote	<b>崔明明 CUI Mingming</b> 生态环境部大气司移动源处副处长 Department of Atmospheric Environment Management, MEE  <b>Miriam Gutzke</b> 德国驻华使馆参赞 Counsellor, German Embassy in China
9:30–9:45	中国交通领域减污降碳协同控制回顾、战略与政策 Transportation emission co-control strategies and policies – a review and outlook for the future	<b>马冬, MA Dong,</b> 环境部机动车排污监控中心 VECC-MEE
09:45–10:00	十四五及中长期中国交通部门碳减排的机遇与潜力 Opportunities and potential of transportation decarbonisation during the 14th FYP period and long-term	<b>何卉, HE Hui</b> 国际清洁委员会 ICCT
10:00–10:10	休息 Break	

10:10–11:25	<p>专题讨论：中国交通领域十四五及中长期双碳目标下的机遇与挑战</p> <p>Panel Discussion: Opportunities and challenges for achieving transport decarbonizing target in 14<sup>th</sup> 5-year plan and mid-long term</p> <ul style="list-style-type: none"> <li>• <b>柴麒敏, CHAI Qimin</b> 国家应对气候变化战略研究和国际合作中心 NCSC</li> <li>• <b>徐洪磊, XU Honglei</b> 交通运输部规划研究院 TPRI</li> <li>• <b>刘莹, LIU Ying</b> 北京交通发展研究院 Beijing TDRI</li> <li>• <b>马冬, MA Dong</b> 环境部机动车排污监控中心 VECC-MEE</li> <li>• <b>刘岱宗, LIU Daizong</b> 世界资源研究所 WRI</li> <li>• <b>何卉, HE Hui</b> 国际清洁交通委员会 ICCT</li> </ul>	<p>主持人 Moderator: <b>Sebastian Ibold</b> 德国国际合作机构 GIZ</p>
11:25–11:55	<p>问答和讨论 Q&amp;A and discussion</p>	<p>主持人 Moderator: <b>Sebastian Ibold</b> 德国国际合作机构 GIZ</p>
12:00–14:00	<p>午休 Time for Lunch</p>	
14:00–14:10	<p>下午场开场介绍 Preview of the afternoon session</p>	<p>主持人 Moderator: <b>马冬 MA Dong</b> 环境部机动车排污监控中心 VECC-MEE</p>
<p><i>Theme 2: Key policies toward motor vehicle decarbonisation – vehicle regulations</i></p>		
14:10–14:25	<p>中国机动车油耗标准最新进展 Updates on fuel efficiency regulations for light- and heavy-duty vehicles in China</p>	<p><b>柳邵辉 LIU Shaohui</b> 中汽中心标准所 CATARC</p>
14:25–14:40	<p>欧盟轻型车 CO<sub>2</sub> 排放标准法规修订 Commission proposal to revise the CO<sub>2</sub> emission standards for cars and vans</p>	<p><b>Filip François</b> 欧洲委员会气候行动总司 Climate Action Directorate-General (DG CLIMA), European Commission</p>

14:40–14:55	欧盟重型车 CO <sub>2</sub> 排放 Heavy-duty vehicle CO <sub>2</sub> emissions in the European Union	<b>Stijn Broekaert</b> 欧盟联合研究中心 European Commission, Joint Research Centre (JRC)
14:55–15:10	德国碳中和目标进展以及对交通部门的启示 Updates on Germany's net zero target and implications for transportation	<b>Christian Hochfeld</b> 德国交通转型智库 Agora
15:10–15:40	问答和讨论 Q&A and discussion	主持人 Moderator: <b>马冬 MA Dong</b> 环境部机动车排污监控中心 VECC-MEE
15:40–15:50	休息 Break	
<i>Theme 2: Key policies toward motor vehicle decarbonisation – vehicle electrification</i>		
15:50–16:05	Overview of zero-emission vehicle targets and zero-emission zone policies 全球机动车零排放目标和零排放区政策概览	<b>崔洪阳, CUI Hongyang</b> 国际清洁交通委员会 ICCT
16:05–16:20	Global development and policies for zero-emission heavy commercial vehicles 全球中重型商用车低碳化及零排放化发展和政策	<b>Felipe Rodriguez</b> 国际清洁交通委员会 ICCT
16:20–16:35	中国新能源汽车生命周期温室气体的减排效益 Life-cycle GHG emissions reduction from new-energy vehicles in China	<b>张少君, ZHANG Shaojun</b> 清华大学 Tsinghua University
16:35–17:05	问答和讨论 Q&A and discussion	主持人 Moderator: <b>马冬</b> 环境部机动车排污监控中心 VECC-MEE
17:05–17:15	会议总结 Summary	主持人 Moderator: <b>尹航 YIN Hang</b> 环境部机动车排污监控中心 VECC-MEE

## Invited speakers and participants

Ministry of Ecology and Environment  
German Ministry of Environment or German Embassy in China  
The European Commission  
The European Union Delegation to China

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)  
International Council on Clean Transportation (ICCT)  
World Resources Institute (WRI)  
Agora Verkehrswende

Vehicle Emission Control Center of Ministry of Ecology and Environment  
Chinese Research Academy of Environmental Sciences  
National Center for Climate Change Strategy and International Cooperation  
Transportation Planning Research Institute of the Ministry of Transport  
Beijing Transportation Development and Research Center  
China EV100  
Tsinghua University  
China Automotive Technology Research Center  
Chinese Society of Automotive Engineering  
China Association of Automobile Manufacturers

Energy Foundation China  
The World Bank  
European Automobile Industry Association

### **About the NDC Transport Initiative for Asia**

The NDC Transport Initiative for Asia aims to facilitate a paradigm shift to zero-emission transport across Asia. The program will achieve this shift by supporting China, India and Vietnam to develop comprehensive decarbonization strategies and solutions to implement them. Beyond the three countries, on the regional and global level, the program will maximize impact by reaching out to additional countries in Southeast Asia, sharing lessons learned, increasing discourse on decarbonizing transport and promoting efficient, multi-stakeholder approaches coordinated between government ministries, civil society, and the private sector.

The goal of the China component of the project is to support the Chinese partners on national and sub-national levels on the essential technical research and capacity building needed for elaboration of medium- and long-term emission reduction strategies and major emission reduction policies for GHGs and air pollutant mitigation in the transport sector. The project also provides capacity building and global policy exchanges to Chinese partners. GIZ coordinates the China component, which is being jointly implemented together with the World Resources Institute (WRI), the International Council on Clean Transportation (ICCT), and Chinese domestic research agencies and institutes. The implementation is further supported by the German transport think tank Agora Verkehrswende.