Webinar Series on Low Carbon Vehicle Development

Meeting time / 会议时间: 10th, September, 2021 (CST and CET), 9th, September, 2021 (PDT) / 2021 年 9 月 10 日（北京、柏林时间）、2021 年 9 月 9 日（旧金山时间）

Theme / 主题: Technology & regulation analysis on vehicle emission reduction towards carbon neutrality / 碳中和背景下汽车减排实施路径分析

Agenda / 议程:

Time / 时间	Topics / 主题	Presenter / 嘉宾
CST 13:00-13:10 CET 07:00-07:10 PDT 22:00-22:10	Opening remark and introduction / 开场介绍	ICCT Shiyue Mao/ICCT 毛世越
CST 13:10-13:50 CET 07:10-07:50 PDT 22:10-22:50	EU Renewable Energy Directive II: supporting low-carbon fuels /《欧盟可再生能源指令 II》解读：支持低碳燃料	ICCT Chelsea Baldino Interpreter: Hui He / 翻译：何卉
CST 13:50-14:30 CET 07:50-08:30 PDT 22:50-23:30	Life-cycle greenhouse gas emissions of passenger cars in China / 中国乘用车生命周期温室气体排放	ICCT Georg Bieker Interpreter: Hongyang Cui /翻译：崔洪阳
CST 14:30-15:50 CET 08:30-08:50 PDT 23:30-23:50	Technology pathway and management development for vehicle decarbonization in China / 中国汽车碳减排路径及管理方式思考	ADC Huanhuan Ren / 中汽数据 任焕焕
CST 15:50-16:20 CET 08:50-09:20 PDT 23:50-00:20(+1)	Q&A 问答环节	ICCT Shiyue Mao/ICCT 毛世越
CST 16:20-16:30 CET 09:20-09:30 PDT 00:20-00:30	Closing remark and preview / 结束语	ICCT Shiyue Mao/ICCT 毛世越

Speakers 演讲者

Georg Bieker
Researcher 研究员

Georg is a researcher on the ICCT Europe team. His current work aims at improving consumer information on real world emissions and fuel consumption of passenger cars in Europe. With a background in battery research, he also supports ICCT's expertise on electric vehicles. Georg holds a M.Sc. of Chemistry from the University of Muenster (Germany). In his prior research, he focused on lithium-ion batteries and the development of Next Generation battery systems. Therefore, he also joined working groups in Israel and Italy. In his Ph.D. thesis, Georg studied the reaction mechanisms in lithium/sulfur and magnesium/sulfur batteries at MEET Battery Research Center in Muenster (Germany).

Bieker 先生目前是 ICCT 欧洲团队的研究员。 他当前的工作旨在改善消费者关于欧洲乘用车实际排放和油耗的信息。 凭借电池研究背景，他还支持 ICCT 在电动汽车方面的相关研究。他在德国明斯特大学化学系获得了硕士学位。 在他之前的研究中，他加入了以色列和意大利的工作组，并专注于锂离子电池和下一代电池系统的开发。 在他的博士研究阶段， Bieker 先生在德国明斯特的 MEET 电池研究中心研究了锂/硫和镁/硫电池的反应机理。

Chelsea Baldino
Researcher 研究员

Chelsea's research currently focuses on advanced biofuel technology pathways and the greenhouse gas implications of diverting waste and residues to biofuel

production. Previously, as a consultant for the ICCT, she wrote a white paper with the passenger vehicles program on real-world NOx and CO2 emissions from diesel cars in Europe. Chelsea also has a background in terrestrial ecology. As a research assistant for the Marine Biological Laboratory in Woods Hole, MA, she helped conduct several experiments assessing greenhouse gas emissions and nutrient cycling in soil warming plots. She holds a Master of Environmental Management in Environmental Economics and Policy from Duke University and a B.A. in Environmental Sciences and Economics from Northwestern University.

Baldino 女士目前的研究重点是先进的生物燃料技术途径以及将废物和残留物转用于生物燃料生产的温室气体影响。 此前，作为 ICCT 的顾问，她与参与乘用车项目并参与了一项涉及欧洲柴油车实际 NO_x 和 CO_2 排放的研究。 Baldino 女士也有陆地生态学背景。作为马萨诸塞州伍兹霍尔海洋生物实验室的研究助理，她帮助开展了多项评估土壤变暖地块中温室气体排放和养分循环的实验。 她拥有杜克大学环境经济学和政策专业的环境管理硕士学位和美国西北大学环境科学与经济学学士学位。

Huanhuan Ren
Director of low carbon business of CATARC ADC Co., Ltd, Technical Lead

Huanhuan is highly Engaged in research and policy works in the energy-saving and NEV industry and provides technical support for the formulation of energy-saving and new energy policies for the competent authorities of the automobile industry. As the main finisher of the 2019 "Second Prize of China Automotive Industry Science and Technology Award".

任焕焕　中汽数据有限公司低碳业务部部长，学科带头人
重点从事节能与新能源汽车产业研究和政策研究工作，为汽车行业主管部门的节能与新能源政策制定提供技术支撑。作为主要完成人荣获 2019 年度“中国汽车工业科学技术奖二等奖”