2021- Keynote 2 Shanghai Transport Development Strategy Under the Background of Carbon Neutrality

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任上海市城乡建设和交通发展研究院副院长，教授级高级工程师。曾参与完成上海市交通发展白皮书编制、上海市综合交通调查、《世博交通保障总体方案》、《虹桥商务区综合交通规划》等重大任务。创新开展了引领未来交通发展趋势的交通节能减排和低碳交通方面的研究。

Abstract：With the growth trend of transport emissions in the expansion of space activities, the impact of heavy trucks on urban environment is increasingly concerned. Three main ways to achieve carbon peak and carbon neutrality in urban transport: optimizing the structure of transportation modes to reducing the dependence on high-carbon modes; optimizing the energy structure to reducing the direct carbon emissions of transports and optimizing the supply structure of transport to improving the efficiency. In order to adhere to the intensive transport development modes, we should to guide the way of refined and differentiated travel and to promote the development of a green logistics construction. The key measures to optimize the energy structure are to promote the comprehensive electrification of vehicles, including emphasizing the synchronous adjustment of transport structure and energy structure in passenger electrification and seeking simultaneous breakthroughs in policy and technology management in freight electrification. Exploring a new approach on improving transport efficiency is a key to building a demand-responsive shared transport system