

UTC Project Information	
Project Title	Technology Landscape and Future Direction for Transportation Emissions, Energy and Health
University	Texas A&M Transportation Institute
Principal Investigator	Yanzhi “Ann” Xu, Ph.D.
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Funding Source(s) and Amounts Provided (by each agency or organization)	Center for Advancing Research in Transportation Emissions, Energy, and Health (CARTEEH): \$219,195
Total Project Cost	\$219,195
Agency ID or Contract Number	Grant Number: 69A3551747128 (TTI-03-18)
Start and End Dates	01/01/2019 – 09/30/2022
Brief Description of Research Project	This project aims to develop a roadmap for technology development and implementation in transportation emissions, energy and health, in the context of emerging transportation sector trends. The project will identify technologies currently available or under development in both software and hardware. Further, the project will identify transition partners and stakeholders in private and public sectors. Based on such a landscape view, the project will further identify technologies with high potential to advance research and practice in the area of transportation emissions, energy and health and, the transition pathways for such. The technology landscape will also reveal gaps in research and development and in technology transfer. The final research products will be 1) a summary document outlining current technology status, research gaps, and key stakeholders in transportation emissions, energy and health and 2) an action plan focusing on testing and measurement in emerging transportation trends such as electric vehicles and automation.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	

<p>Web Links</p> <ul style="list-style-type: none">• Reports• Project website	
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