Emerging Technology
Standing Advisory Committee

Committee Leadership
Darran Anderson, TX DOT
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Committee Overview

The Emerging Technology Standing Committee identifies legislative and regulatory barriers and opportunities to safely advance emerging technologies, monitor national trends and related research, and promote best practices and private and public sector partnerships. It serves as a forum to disseminate and exchange information and other innovations, addressing areas such as digital twinning, advanced air mobility and cargo delivery, automated cargo delivery, multimodal transportation, and on-demand platforms.

2024 Focus Areas

Integration of emerging technologies into multimodal networks to improve safety, efficiency, and user experience

Emerging technologies community impacts, opportunities, and challenges

Working Groups

Multi-Modal Transportation & On Demand Mobility

- Physical and digital infrastructure needed to support MOD (Mobility on Demand)
- Life cycle cost estimation of MOD
- Policies and practices to prepare for MOD automated vehicle deployments
- Best practices for ensuring MOD meets the needs of all users

Digital Twinning

- Explore Digital Twinning Use Cases

Advanced Air Mobility

- How surface operators can plan and prepare for AAM
- Compile resources on planning and preparing for AAM-build database to share

Committee Policy

In 2021 ITS America published its Equity Policy that highlights policy recommendations from the Emerging Technology Committee.

Get Involved

To sign up for a committee, working group, or task force, please contact Eryn Banton ebanton@itsa.org or Tina Williams twilliams@itsa.org. To see existing ITS America Emerging Technology work and resources, visit this link here.