

# Toward a More Resilient Toll Road Industry

## Perspectives of IBTTA

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[www.ibtta.org](http://www.ibtta.org)

# About IBTTA

## Mission

IBTTA is the worldwide alliance of toll facility operators and associated industries that provides a forum for sharing knowledge and ideas to promote and enhance user financed transportation.

## Vision

To be the world's leading resource and advocate for safe, sustainable mobility supported by tolling, pricing, and road use charging.

# IBTTA Strategic Plan: Sustainability & Resilience Task Force

**IBTTA is the leader in driving road user payment principles**

**A fundamental component:**

***Develop solutions to address climate change.***

## **Sustainability and Resilience Task Force**

**This task force, formed in 2021, is the point of the sword of IBTTA efforts to advance sustainability in transportation and address climate change.**

**The purpose of the Sustainability and Resilience Task Force is to organize the ideas, resources, and efforts of IBTTA members and others in the transportation industry to strengthen the sustainability and resilience of the transportation network and reverse the effects of climate change.**

# Sustainability and Resilience Task Force

The IBTTA community recognizes the harmful effects of climate change and the transportation industry's role in addressing objectives to care for the environment & manage the consequence of years of neglect.

Our Task Force on Sustainability and Resilience is:

- **Sharing best practices** from both US and international operators?
- Exploring ways to **advance alternative fuels and renewable energy** in toll facility operations, including augmenting national electric vehicle (EV) charging infrastructure?
- Researching the use of performance management and metrics to **drive attainment of environmental objectives and outcomes**, and shape wise investment priorities? and
- Seeking partnerships to establish guidelines and tools for **mitigating climate change and enhancing resiliency of critical assets and systems**.

## Task Force Subcommittees:

a) Performance Measurement and Metrics

b) Vehicle Electrification and Alternative Fuels and

c) Policy and Communications

# Toll Infrastructure Requirements for Resilience

## Old Infrastructure

- Old infrastructure is unable to cope with intensity of climate phenomena.
- Technology upgrades will need to be installed to provide early warnings and assistance to users.
- Operational guidelines must be issued from State/Public Authorities and extensive drills need to be performed.

## New Infrastructure

- New standards need to be developed and infrastructure will need to be constructed in line with new standards.
- Detail Specifications must cover various levels of intensity of climate phenomena.
- Technology needs to be incorporated from the early start with provision of upgrades.

## Resources to Help Members

- Overview & Resource Guide for the US National Electric Vehicle Infrastructure (NEVI) Program
- Summary of Member Survey Results: Electric Vehicle and Charging Infrastructure

*Thank you for your attention!*



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