



NSC and the Safe System Approach

PSRC Safety Summit

June 29, 2023

Jim Hemphill (he/him)

CONFIDENTIAL

©2023 National Safety Council

The National Safety Council

**America's Leading
Nonprofit Safety Advocate
Focused on Workplace,
Roadway, and Impairment
Safety Issues.**

- **15,000** Member Companies Representing **7 Million** Employees
- **12,000** Volunteers
- **10,000** Instructors
- **19** Chapters

NSC Roadway Safety Programs

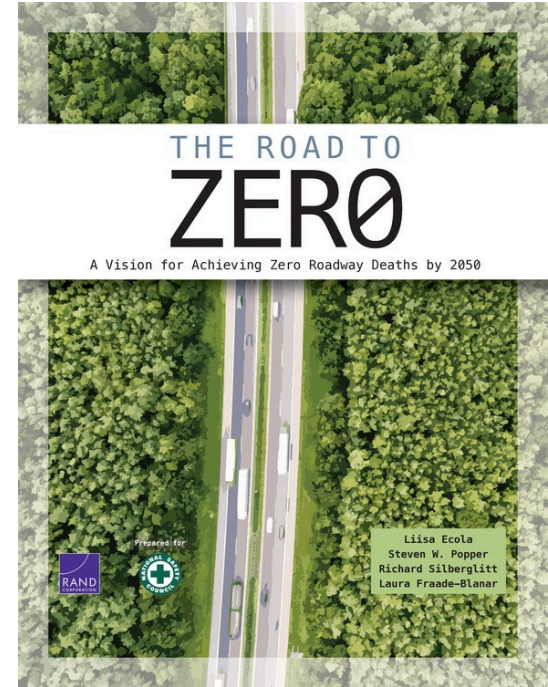
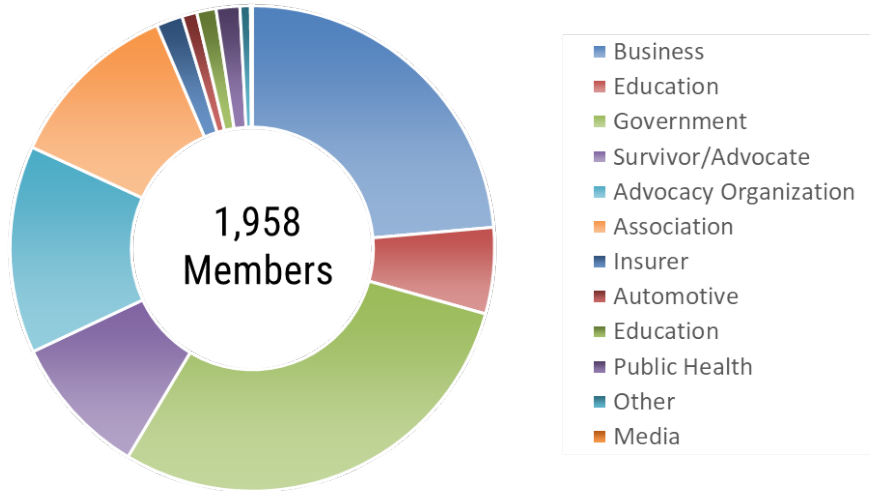


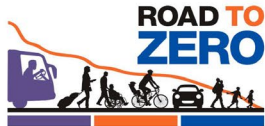
Future of Mobility Safety

- Report- Mobility, Technology and Safety: The Next 20 Years
- Countersteer Webinar Series
- Mobility Safety Advisory Group

The Road to Zero Coalition

RTZ Coalition Members





Road to Zero Coalition Steering Group



Federal Partners



WORLD DAY OF REMEMBRANCE



FOR ROAD TRAFFIC VICTIMS IN THE U.S.

Sunday, November 19, 2023



[Read the story of Sheria Musyoka](#)



Principles of the Safe System Approach

- Death and serious injuries are unacceptable.
- Humans make mistakes.
- Humans are vulnerable.
- Responsibility is shared.
- Safety is proactive.
- Redundancy is crucial.



Source: <https://www.transportation.gov/NRSS/SafeSystem>

USDOT

THE SAFE SYSTEM APPROACH VS. TRADITIONAL ROAD SAFETY PRACTICES

Traditional

Prevent crashes

Improve human behavior

Control speeding

Individuals are responsible

React based on crash history

Safe System

Prevent deaths and serious injuries

Design for human mistakes/limitations

Reduce system kinetic energy

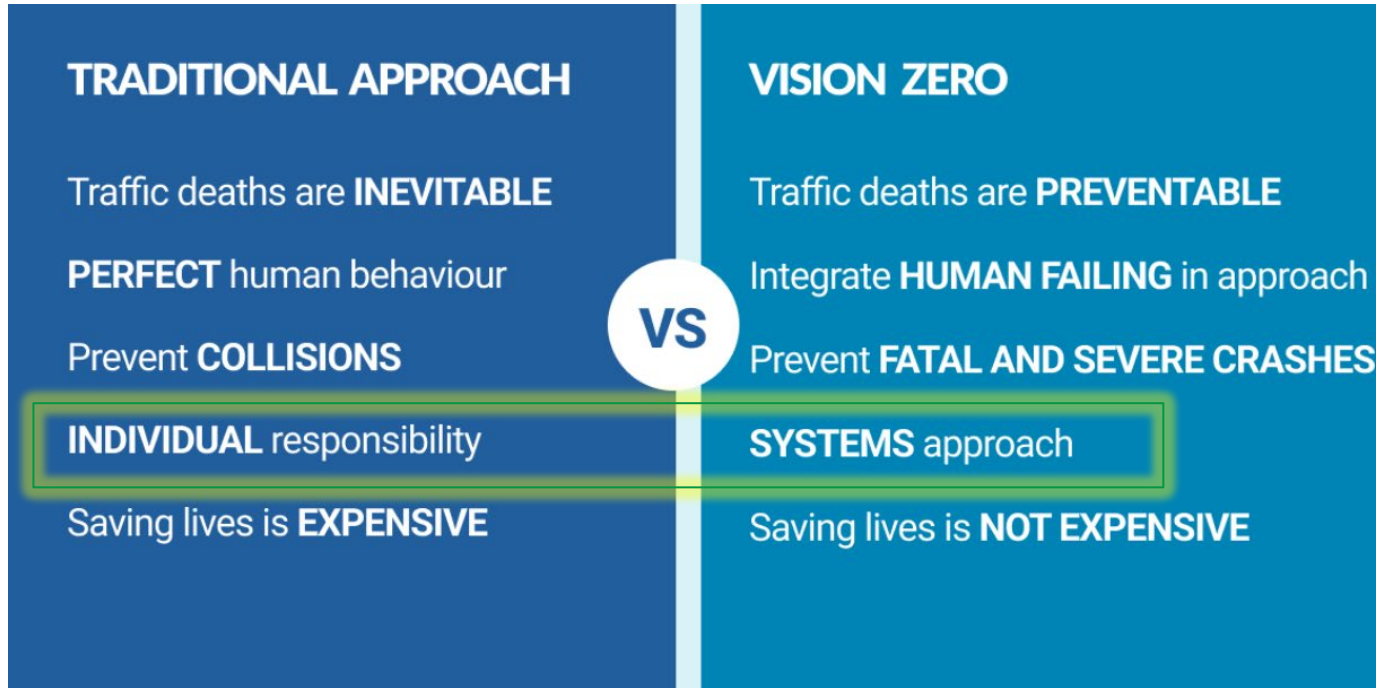
Share responsibility

Proactively identify and address risks

Whereas traditional road safety strives to modify human behavior and prevent all crashes, the Safe System approach also refocuses transportation system design and operation on anticipating human mistakes and lessening impact forces to reduce crash severity and save lives.

Source: https://safety.fhwa.dot.gov/zerodeaths/docs/FHWA_SafeSystem_Brochure_V9_508_200717.pdf

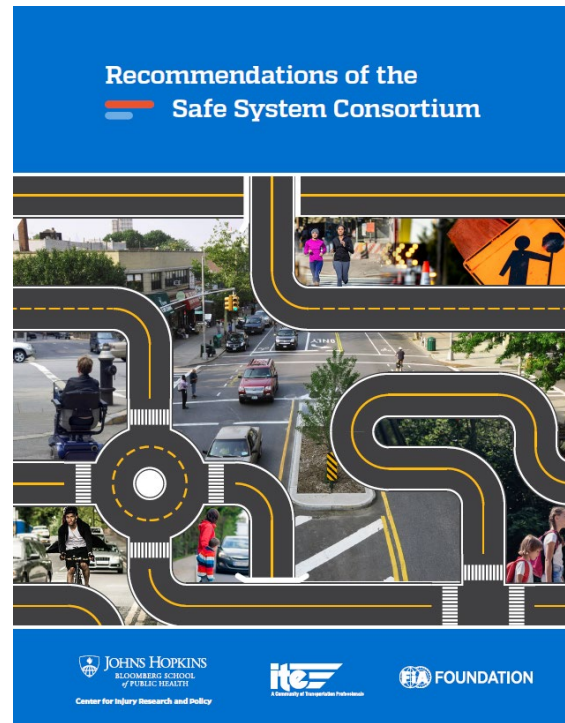
Vision Zero Network



Johns Hopkins, Institute of Traffic Engineers, FIA Foundation

The Safe System approach differs from conventional road safety methods in:

- Not accepting loss of life
- Focusing on survivability, not crashes
- Selecting the right intervention
- Sharing responsibility
- Thinking systemically and working proactively



Source: <https://publichealth.jhu.edu/sites/default/files/2023-03/recommendations-of-the-safe-system-consortium.pdf> (p. 4)

Safe System Approach- Beyond Language

The Washington Post
Democracy Dies in Darkness

Subscribe

TRANSPORTATION

Nearly hit by a car? New tool will let students report close calls.

The idea — backed by federal safety funds — is to share data on dangerous intersections with local government officials before tragedies occur.



By Michael Laris

December 26, 2022 at 7:00 a.m. EST



<https://www.nsc.org/road/resources/road-to-zero/road-to-zero-grants>

Get involved with Road to Zero

Learn more and join the coalition [here](#).

Countersteer Webinar- Transit Mode Shift as Traffic Safety Strategy

August 3, 9-10am PT

Featuring: Jennifer Homendy, Veronica Vanterpool, Nathaniel Ford, and David Zipper

Road to Zero Webinar- Building Coalitions and Learning from Peers to Achieve Vision Zero

August 17, 11am-12pm PT

Featuring: Chimai Ngo, Elyse Keefe, Doug Moore, and Dr. Wes Kumfer