



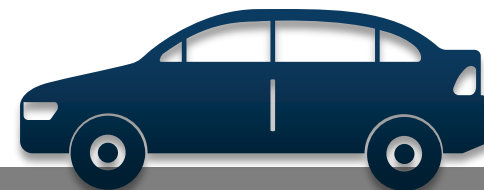
Safe Streets and Roads for All

Technical Assistance Center

The Safe System Approach and Your Action Plan Workshop:

Action Plans and the Safe System Approach

www.ss4aclearinghouse.org



SS4A's Mission

Significantly reduce
or eliminate
fatalities on our
Nation's roadways



Source: Flaticon

The Safe System Approach

Death and serious injury
is unacceptable.



- Humans make mistakes
- Safety is multidisciplinary



A New Approach to Roadway Safety

Traditional Approach		Safe System Approach
Prevent crashes	➡	Prevent fatalities and serious injuries
Change human behavior	➡	Design a transportation system to accommodate certain human mistakes
Individual road users are responsible	➡	All stakeholders that create and use the system are responsible
Provide treatments based on crash history	➡	Proactively identify risks and address them before crashes happen
An optimal reduction in fatalities and serious injuries based on previous crash trends	➡	Significantly eliminate fatalities and serious injuries

The Safe System Approach



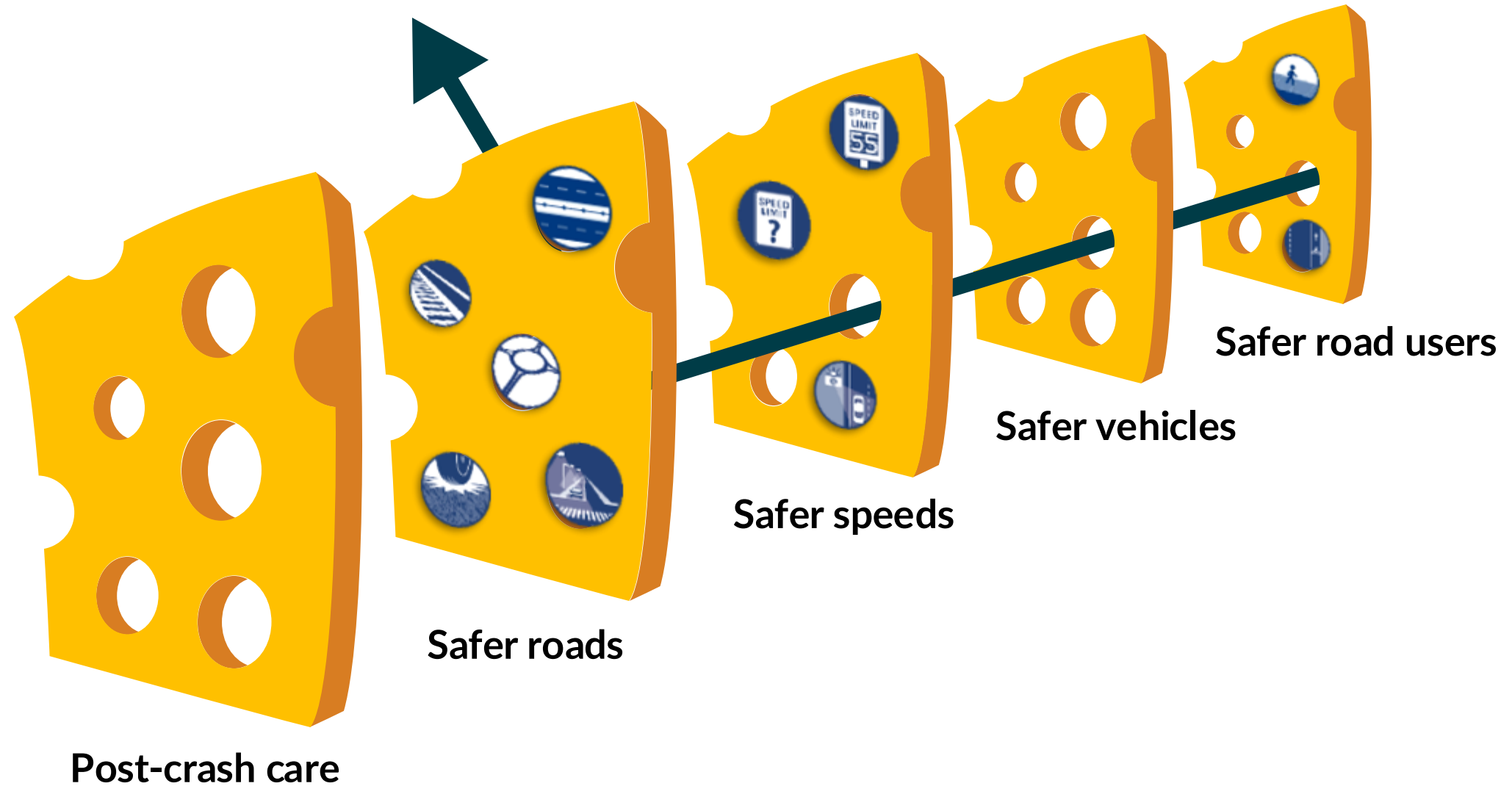


SAFE SYSTEM

APPROACH

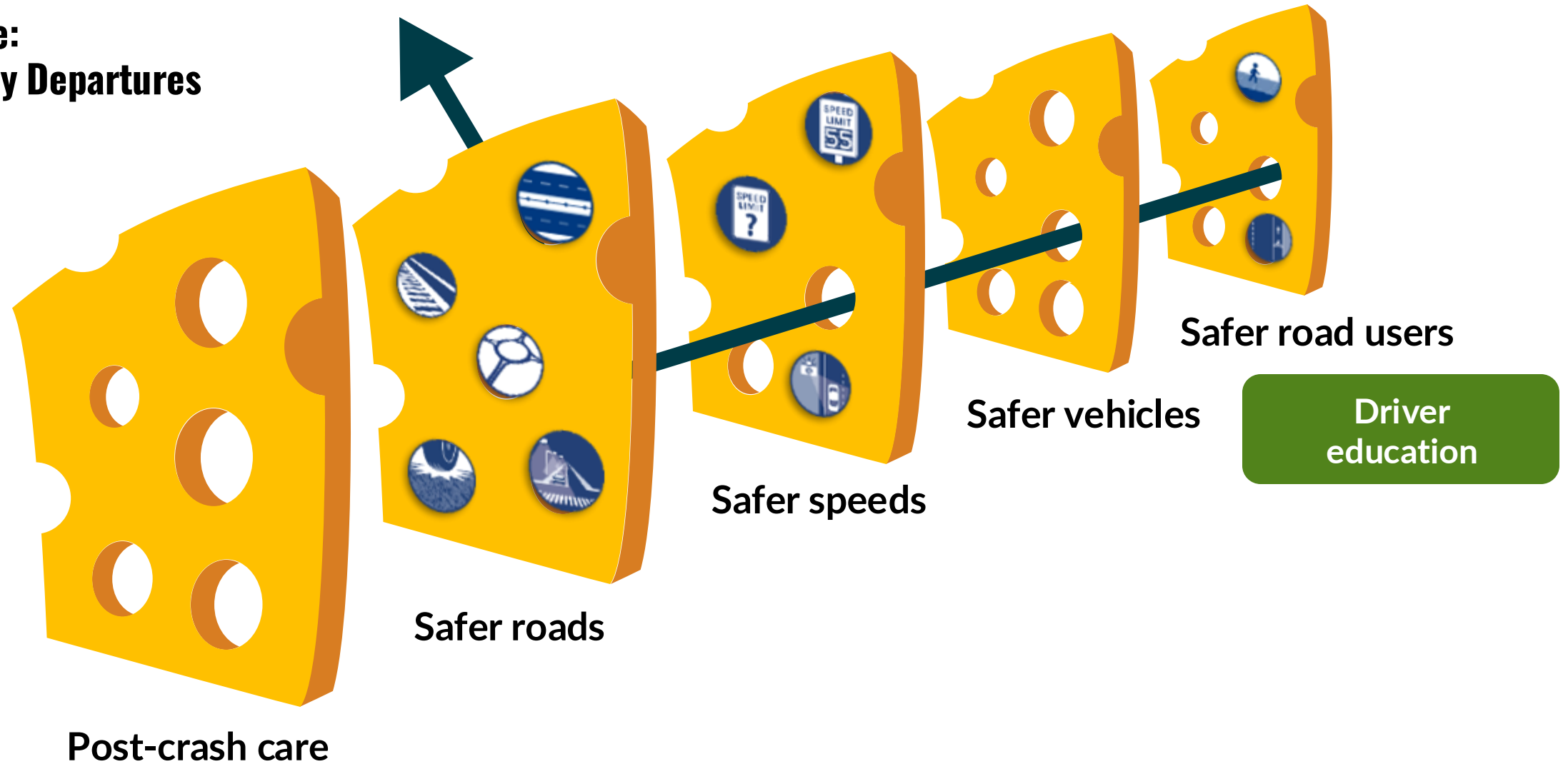
Watch the
Safe System Approach video:
<https://www.youtube.com/watch?v=mLRmv5dbIb0>

The Swiss Cheese Model



The Swiss Cheese Model

**Example:
Roadway Departures**



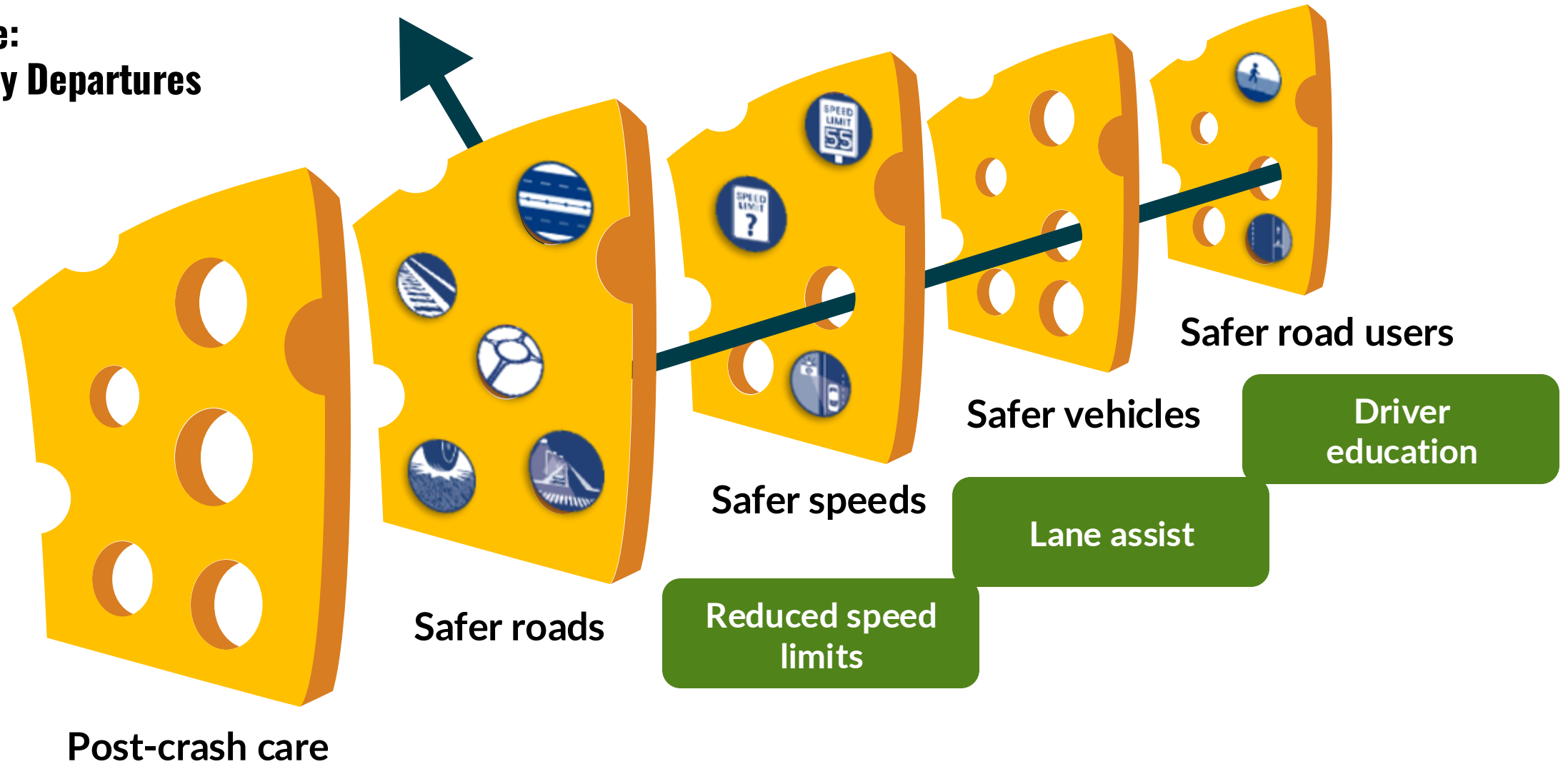
The Swiss Cheese Model

**Example:
Roadway Departures**



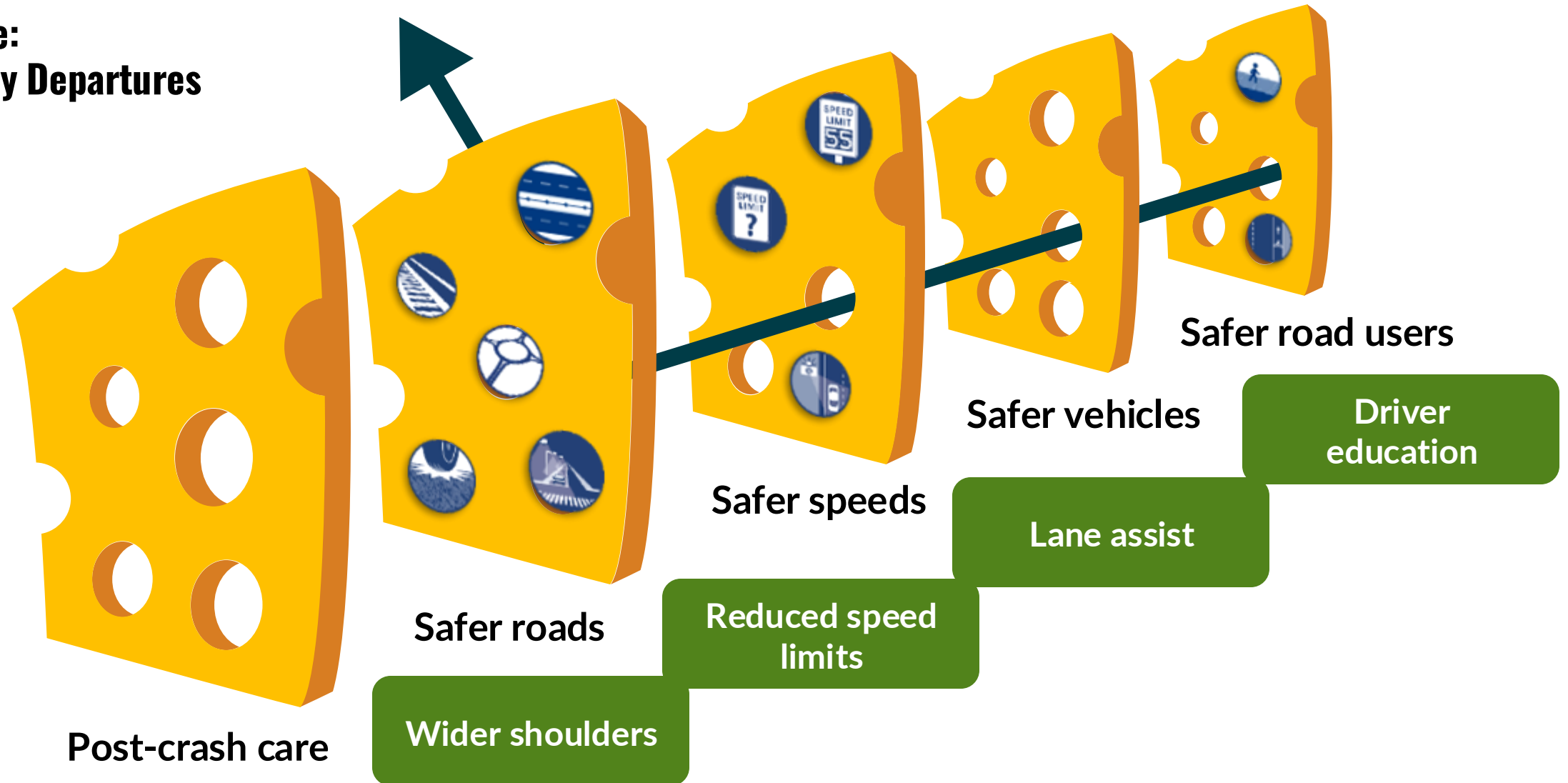
The Swiss Cheese Model

**Example:
Roadway Departures**



The Swiss Cheese Model

**Example:
Roadway Departures**



Tie it all together...

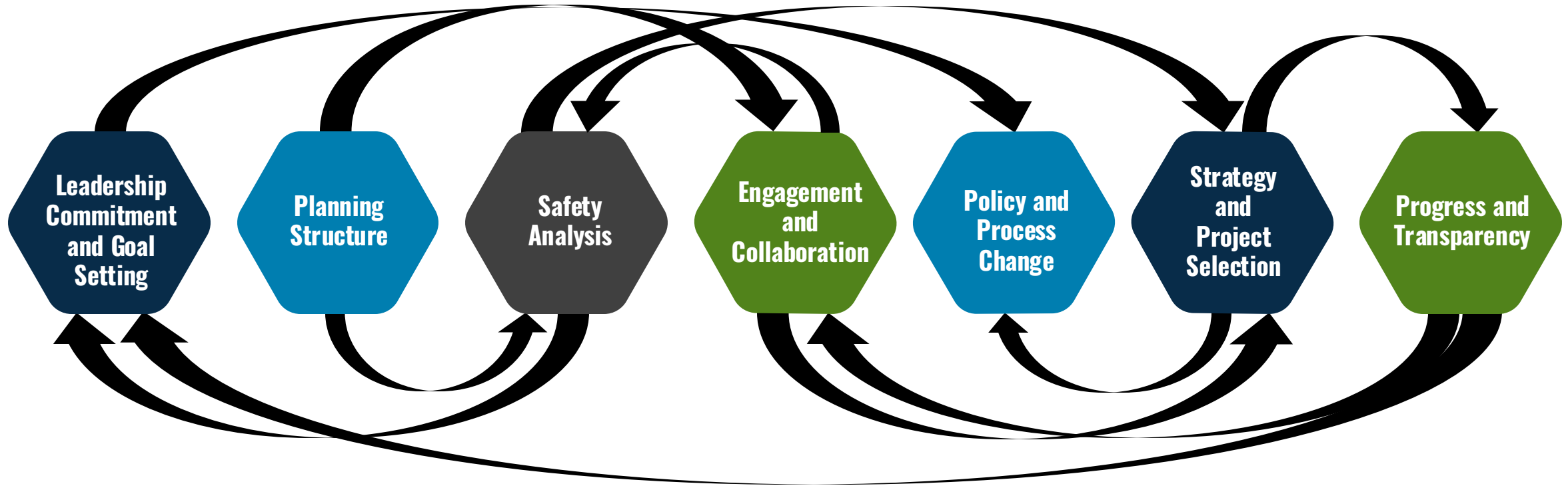


What are Comprehensive Safety Action Plans (Action Plans)?

- Building blocks for safety.
- A multidisciplinary framework.



It's All Connected!



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.

Tools for Integrating the Safe System Approach

**Safe System
Policy-
Based
Alignment
Framework**

[Access this
resource here.](#)

**Safe System
Roadway
Design
Hierarchy**

[Access this
resource here.](#)

**“Vision Zero”
Toolkit**

[Access this
resource here.](#)

**Safe System
Approach
Video**

[Access this
resource here.](#)

**SS4A
Clearinghouse**

[Access this
resource here.](#)

Key Takeaway!

Use these tools to
turn the Safe
System Approach
into results.



Define Your Guiding Principles

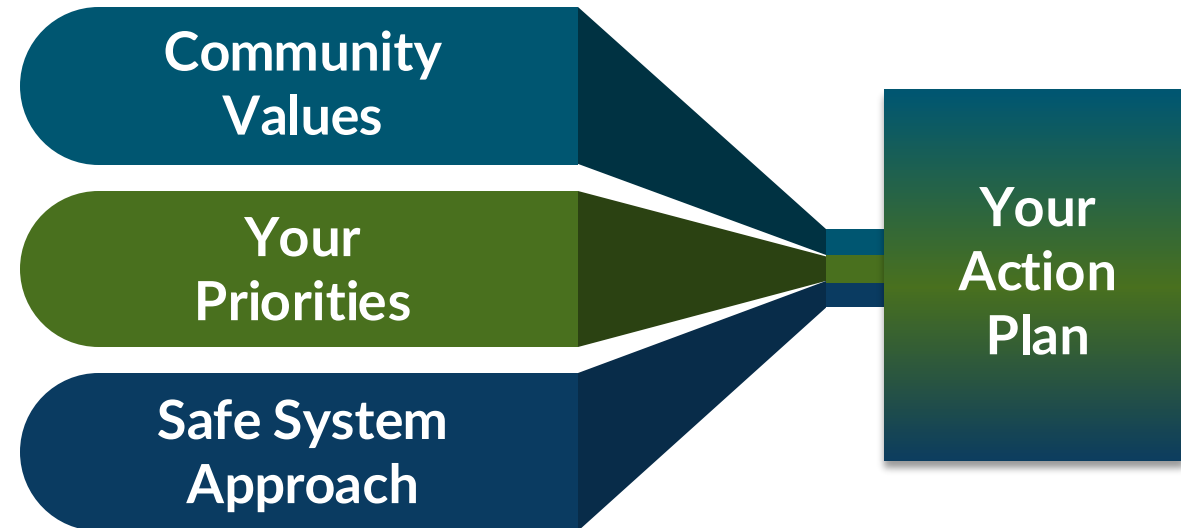
What are Guiding Principles?

Foundational values that align the actions you take for your Action Plan's program and projects.

What are Guiding Principles?

Guiding principles should:

- Reflect your agency's values and priorities.
- Provide clarity and consistency.
- Weave into all Action Plan components.



Example Guiding Principles

San Francisco, CA



[See San Francisco's full Action Plan here.](#)
Guiding principles are located on page 10.

San Francisco's Principles:



Preventing Loss of Life and Reducing Severe Injury



Slowing Speeds



Designing Safe Streets



Promoting Traffic Safety Culture

Example Guiding Principles

Somerville, MA



See Somerville's full Action Plan. Guiding principles are located on page 5.

Somerville's Principles:



Data Driven Decision Making



Coordination and Accountability