Vision Zero in Alexandria

Commission on Aging - Briefing

September 8, 2016

Vision Zero Defined

No loss of life is acceptable!

The Vision Zero approach accepts that we are human and make mistakes. The road system needs to keep us moving, but it must also be designed to protect us at every turn.

Vision Zero Initiative, Sweden

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Vision Zero Approach

- Recognize traffic fatality/injury is preventable
- Set timeline to eliminate both
- Strategic and measurable goals
- Multidisciplinary approach (Not just Traffic Engineers)
- Data driven

Vision Zero Network

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How Vision Zero is Achieved

4 E's of Traffic Safety:

- Education (Inform Rules & Responsibility)
- Enforcement (Address Problems / Increase Awareness)
- Engineering (Design for Safety)
- Evaluation (Lessons Learned)

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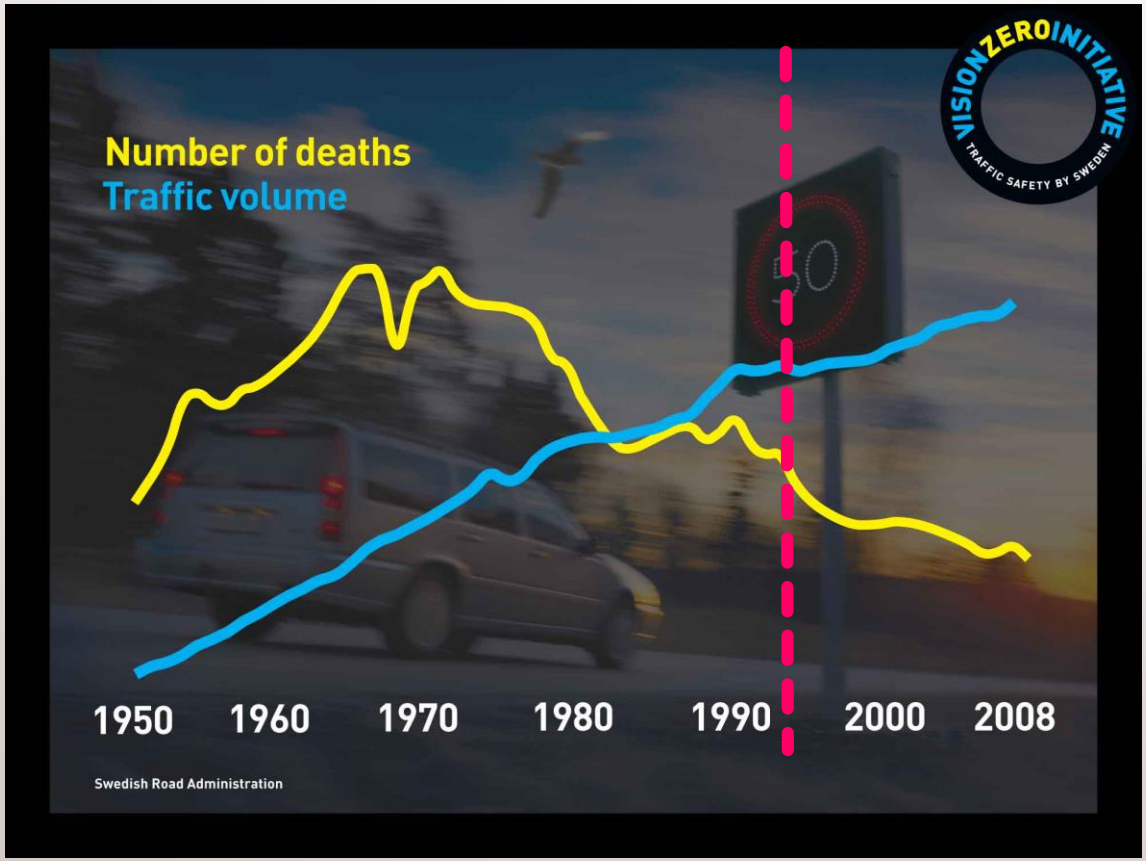
Vision Zero Origins

- Originated in Sweden in 1994 (made law 1997)
- 50% decline in Ped fatalities over past 5 years



(Source: Vision Zero Initiative, Sweden)

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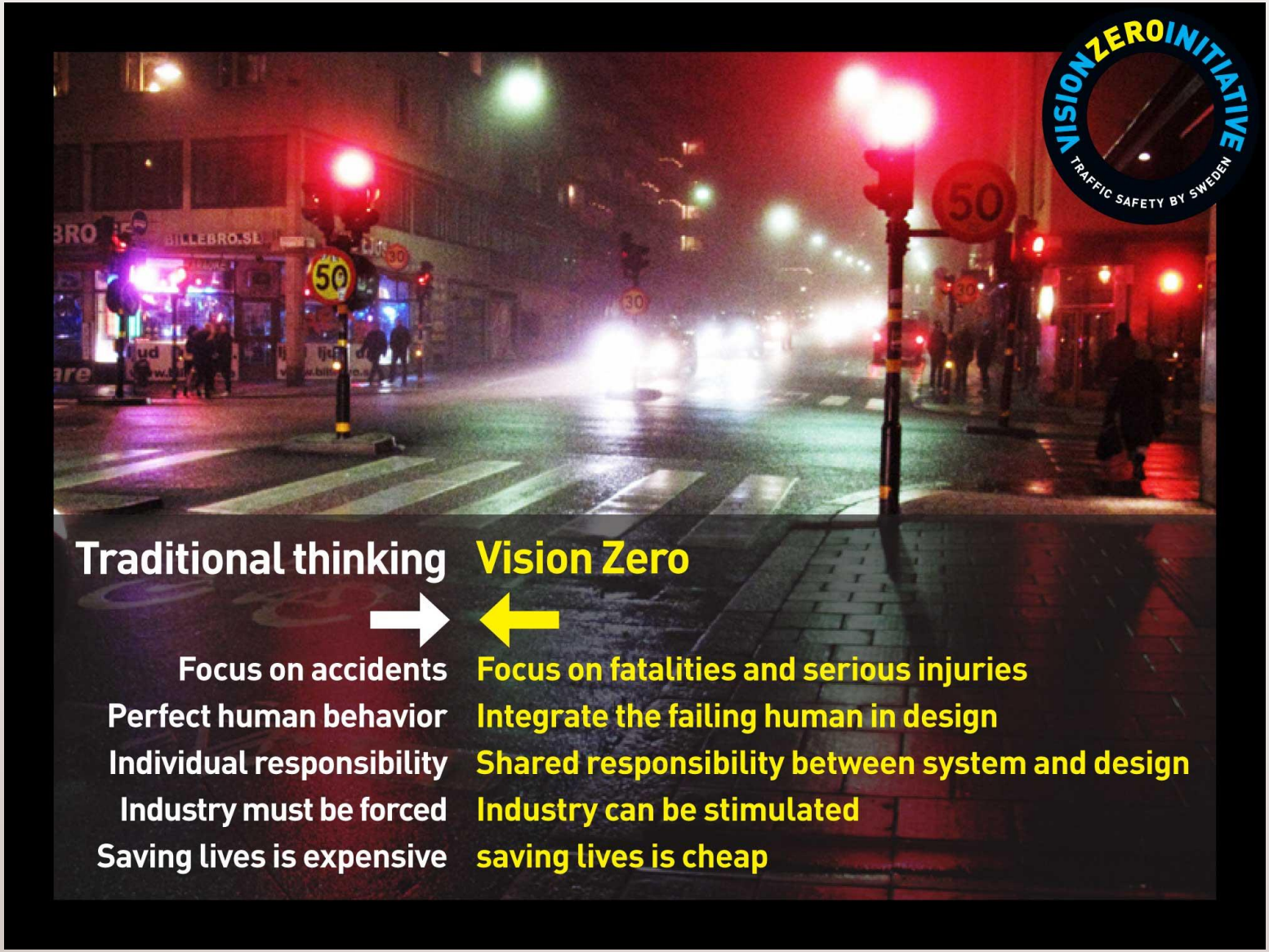

(Source: Vision Zero Initiative, Sweden)

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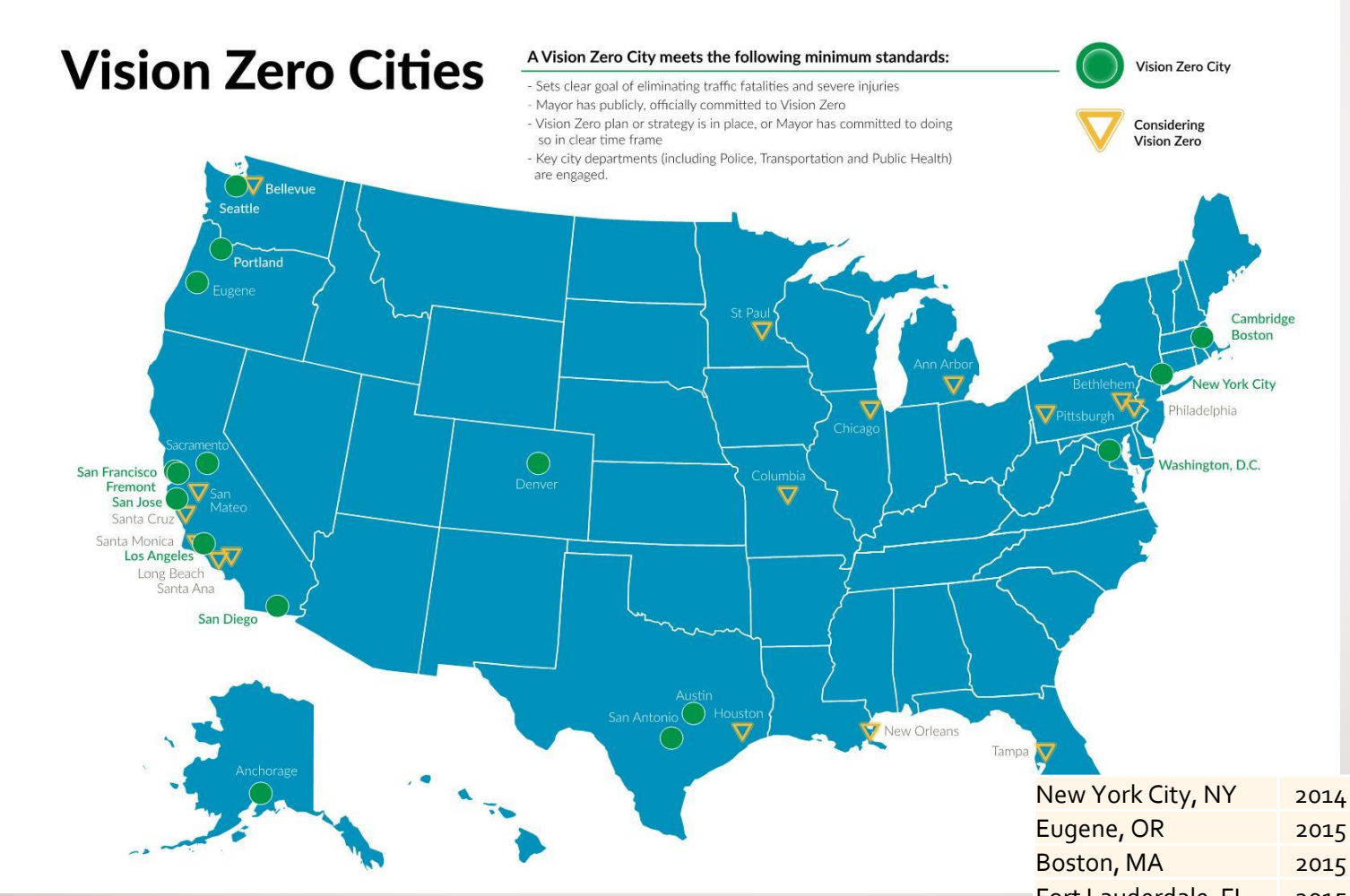

(Source: Vision Zero Network)

New York City, NY	2014	June
Eugene, OR	2015	November
Boston, MA	2015	December
Fort Lauderdale, FL	2015	
San Francisco, CA	2015	February
Seattle, WA	2015	February
Sacramento, CA	2015	March
San Jose, CA	2015	April
Los Angeles, CA	2015	August
Washington, DC	2015	December
Fremont, CA	2016	March
Austin, TX	2016	May
Portland, OR	2016	October

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Vision Zero Network Recommendations

Key Points:

- Action Plan with a target date for Zero (0)
- Clear, Measurable Strategies (Focus Areas)
- Multidisciplinary Plan (not just Traffic Engineers)

(Source: Vision Zero Network)

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Vision Zero Strategies

Education/Enforcement

Behavior Change

Evaluation/Engineering

Reduce Speed Limits

Traffic Enforcement

Enforcement/Evaluation

Redesign Streets

Engineering

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Alexandria and Vision Zero

Pedestrian and Bicycle chapter updates to Transportation Master Plan

- Adopted May 2016
- **"Conduct an evaluation of traffic fatalities and develop a Vision Zero program that outlines the framework, budget and staffing needed to work toward eliminating pedestrian and bicycle related deaths and serious injuries in Alexandria"**

- On target to be first city in Virginia to adopt a plan

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Planning for Vision Zero

- Transportation Commission Support
  - Summer 2016 - draft policy & identify targets and goals
- City Boards and Commissions
  - Fall 2016 – Briefings on VZ and support for policy
- City Council Adoption
  - Winter 2016/2017
- Community Workshops
  - Winter/Spring 2017 – engage public & inform plan
- Coalition Partners
  - Winter/Spring 2016 – education, collaboration & support
- Action Plan & Framework
  - Summer 2017 – Crash analysis and detailed framework for future action and funding

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Vision Zero Policy

- Adopt Goal of zero traffic fatalities by 2028
- Engage residents, businesses, and the community in the development of a Vision Zero Action Plan
- Form an interdepartmental working group to develop a Vision Zero Action Plan that will:
  - Provide a comprehensive analysis of crashes in Alexandria
  - Outline the programs to reduce crashes
  - Identify associated funding needed
- Directs staff to provide an annual report on the progress of crash reduction and the implementation of the Vision Zero Action Plan following the completion of the Action Plan.

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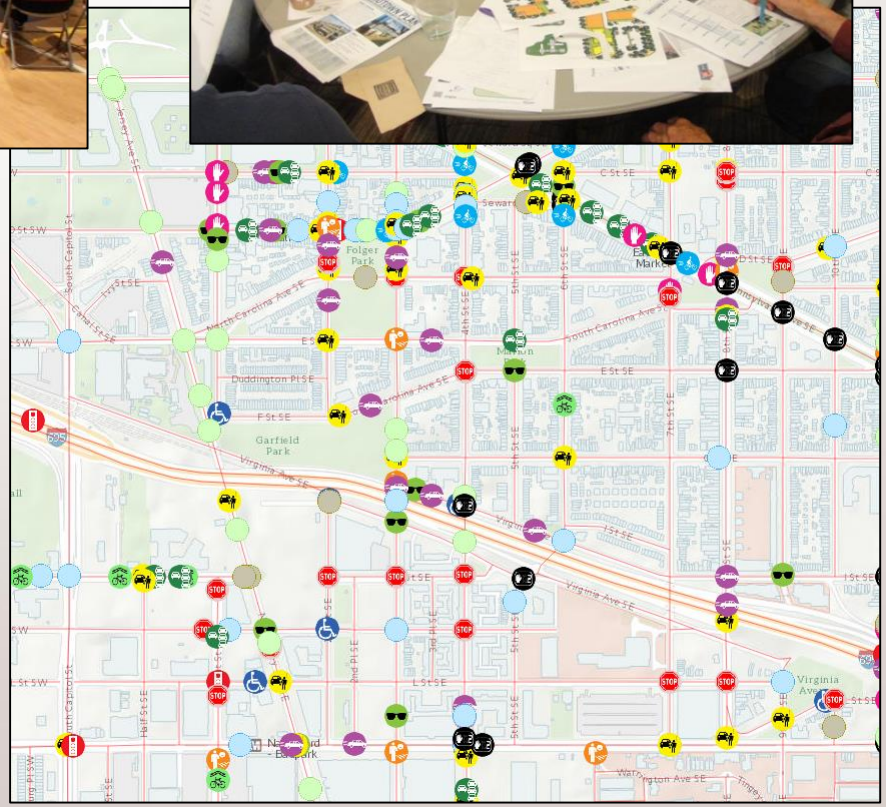
Community Engagement



- Community workshops
  - Define priorities
- Online surveys and wikimaps

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Vision Zero: Coalition Partners

- Community Support
  - Advocacy groups
  - Non-profits with similar missions
  - Major employers (funding opportunities $$!!)
  - Boards and Commissions

BOYS & GIRLS CLUBS OF GREATER WASHINGTON

INOVA®

Alexandria Bicycle and Pedestrian Advisory Committee

WASHINGTON AREA BICYCLIST ASSOCIATION

PARTNERSHIP FOR A HEALTHIER Alexandria

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Developing an Action Plan

- Intergovernmental Working Group
  - City Departments: Transportation, Police, Health, Communications, etc.
  - Public Schools
  - Boards and Commissions
- Community Workshops
- <u>Crash analysis</u>
- Identify programs
- Forecast costs and budget
- Timeline for evaluation and implementation

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Developing an Action Plan

- Current Complete Streets Program Initiatives
  - High crash locations initiative
  - Bicycle and Pedestrian Priority Projects
  - Traffic Calming program
  - Residential Sidewalk Program
  - Safe Routes to School Program
    - Walk Audits -> infrastructure & programmatic recommendations
- Future Citywide Vision Zero Initiatives
  - Education campaign – i.e. distracted driving
  - Enhanced enforcement related to crashes
  - Health campaign - i.e. drunk driving

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Data Driven Approach

- Detailed crash analysis & Mapping (2006-2015)
- Collect Baseline data
- Tracking enforcement efforts

- Tracking infrastructure improvements
- Citywide multimodal survey – Fall 2016

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Questions & Discussion