



Harm Minimisation

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One starting point

- Melbourne values being one of the world's most liveable cities
- What can we do to protect and enhance our international standing?
- One worthy goal is to strive for zero deaths and serious injuries in traffic
- How do we achieve this, especially for the healthy and sustainable modes?



Loss of life and health on Victorian roads

- Around 250 deaths *annually*
 - 40 pedestrians
 - 8 cyclists



- Around 5000 serious injuries *annually*
 - 400+ pedestrians
 - 100 cyclists



Making the required shift in thinking

- Walking - the most basic form of movement
- Cycling - human-powered, increasingly popular
- The benefits are many
 - affordable access to employment/education/entertainment/exercise
 - population health
 - environment/climate change
 - liveability and sustainability
- Imagine what many of our streets could look like







Our growing commitment to Safe System

1. Life is more important than anything else
2. We are responsible for safety
3. We know what to do



Reference: How Dreams Can Become Reality,
Vision Zero 20 years (2017)

The Safe System Aspiration (1)

- We want zero
- Humans err
- Errors can lead to crashes
- Humans are not 'crashworthy' - our tolerance is very limited

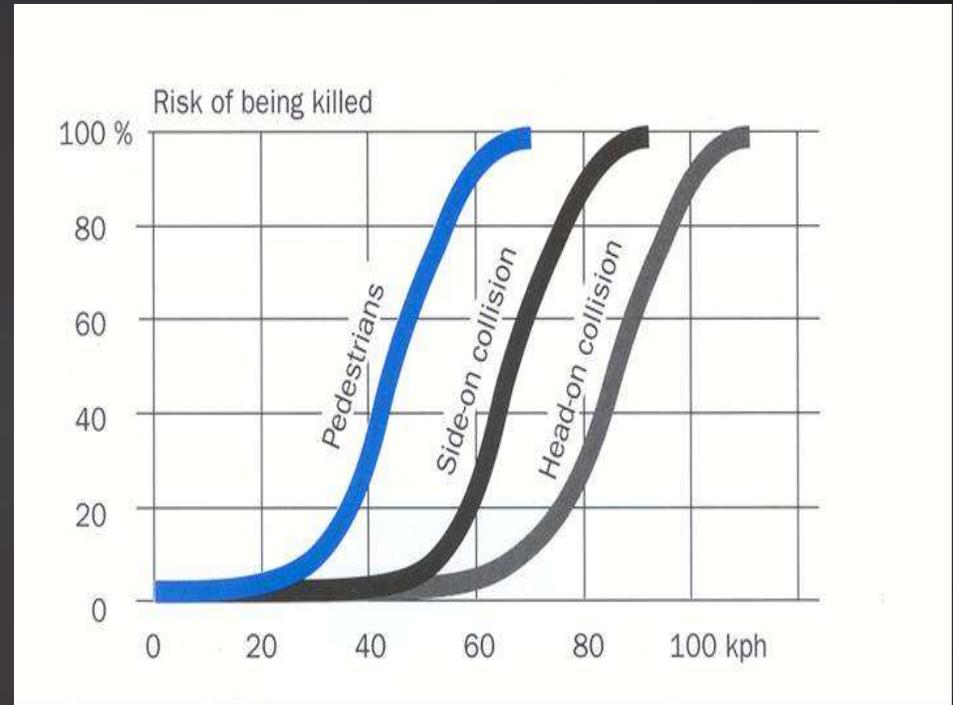


Introducing Graham

<http://www.tac.vic.gov.au/about-the-tac/media-room/news-and-events/current-media-releases/introducing-graham>

The Safe System Aspiration (2)

- *Ultimately*, eradicate death and serious injury
- Is it acceptable today to trade life and health for other benefits?
- Responsibility is shared
 - system users must comply with key rules
 - system designers must design and operate to 'forgive' human error through successful energy management



Speed generates risk

Fundamentally, speed generates energy and energy generates risk

- when we move, collisions become possible
- higher speeds mean disproportionately higher kinetic energy (2nd power)
- managing kinetic energy is our challenge



Other factors *add* to the base level of risk

- Speeding
- Immaturity
- Inattention
- Non-use of restraints
- Distraction
- Impairment
 - alcohol
 - drugs
 - fatigue
 - declining performance with age
- At the core, it is speed



What can get us there?

- Accept we must find a better way
- Recognise the immense value of creating liveable communities
- Drive an agenda of ambition, innovation, trials and demonstrations
- Adopt a philosophy of
 - eliminating unnecessary vehicular traffic
 - separating where feasible
 - getting speeds right can be *transformational* in cutting risk





WIENER CAFFEE
DAILY FROM 11:00 - 19:00
LUNCHBURGER, WA-
FFELN, SANDWICHES, SA-
LATER, TERRINE, SO-
UPPEN, JUICES
DAILY LUNCH
11:00 - 19:00
ALL DAY CAFE
11:00 - 19:00
WELCOME
11:00 - 19:00

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Biblioteksgatan
1-3

Matta Söndergatan
7-11









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SANTERLAND



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New features in traffic signal design



New features in traffic signal design



Calming places where people gather



What are our priority areas for cutting risk

- Pedestrians and cyclists
 - the heart of active, healthy, sustainable travel
 - unprotected in traffic and highly sensitive to travel and impact speed
 - a key to public transport use
 - our ageing society and our kids need us to care
- Getting the speeds right is essential

