

# VISION ZERO

CONFERENCE

STOCKHOLM  
26-27 JUNE 2023

TAKING ROAD  
SAFETY

TO THE NEXT LEVEL



Organised by:

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Government Offices of Sweden  
Ministry of Rural Affairs and Infrastructure



TRAFIKVERKET  
SWEDISH TRANSPORT ADMINISTRATION

VINNOVA  
Sweden's Innovation Agency

Arranged under the umbrella of:

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Swedish Presidency  
of the Council of the  
European Union

# NEW TECHNOLOGIES AND INNOVATIONS

Introducer to the subject  
Samantha Cockfield

*Head of Road Safety*

*Transport Accident Commission (TAC) and Australasian NCAP (ANCAP)*

# Vehicle Safety & Technology – game changers

- The greatest potential for road safety globally – 33% ↓ in F & SI
- A cornerstone of Visions Zero (Safe System)
- However:
  - Where you live in the world
  - How you use the vehicle
  - What you can afford to pay

Determine access and how safe people using vehicles are

How do we exploit the potential, equitably?

# The potential of vehicle safety

- Safety of vehicles has advanced remarkably in the 25+ years
- NCAP programs and market forces → manufacturers innovate
- Right now, in-vehicle technologies help address some of our most pressing crash problems
- In future connectivity and AI, together with strategic planning has the potential → our 2050 Target

# Not all vehicles are created equal!

Where you live & what you drive can be a difference between life or death:

**HIC** – demand and get high levels of safety and continuous improvement as standard

**LMIC** – most often have lower standards

**Commerical** – lower standards

Why – cost, regulations, profit?

How – do we change this?



# Vision Zero – Nirvana

The integration of:

- the vehicle
- infrastructure and
- road user

Creating a safe system for all

# Our Nirvana future starts now

- Connectivity – V2V, V2I, V2O, we are already seeing it's potential how do we ensure harmonization and equity in access?
- Behavioural supports – ISA, alcohol sensors, impairment detection, seat belt interlocks available now but use is limited
- Geofencing – well used in some areas eg e-scooters, to limit access and speed, but not often considered in broader settings



# What is the quickest way to safe?

- How do we learn from our past successes and failures?
- Are NCAPs and IRAPs a means to hasten developments, particularly in LMICs?
- How do we work with manufacturers to get better outcomes for all?







**IT ALWAYS SEEMS IMPOSSIBLE  
UNTIL IT'S DONE.**

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