

VISION ZERO

CONFERENCE

STOCKHOLM
26-27 JUNE 2023

TAKING ROAD SAFETY

TO THE NEXT LEVEL



Organised by:



Government Offices of Sweden
Ministry of Rural Affairs and Infrastructure



TRAFIKVERKET
SWEDISH TRANSPORT ADMINISTRATION

VINNOVA
Sweden's Innovation Agency

Arranged under the umbrella of:



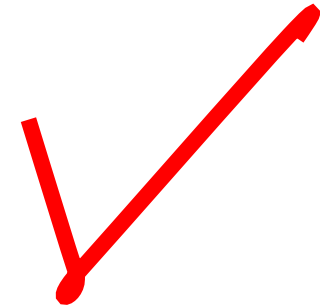
Swedish Presidency
of the Council of the
European Union

KNOWLEDGE TRANSFER AND CAPACITY BUILDING

Introducer to the subject
Anna Nilsson-Ehle

*Chair of the Board
Sweden Innovation agency Vinnova*

Overall target agreed



By 2030, halve the number of global deaths and injuries from road traffic accidents



Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks



By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons

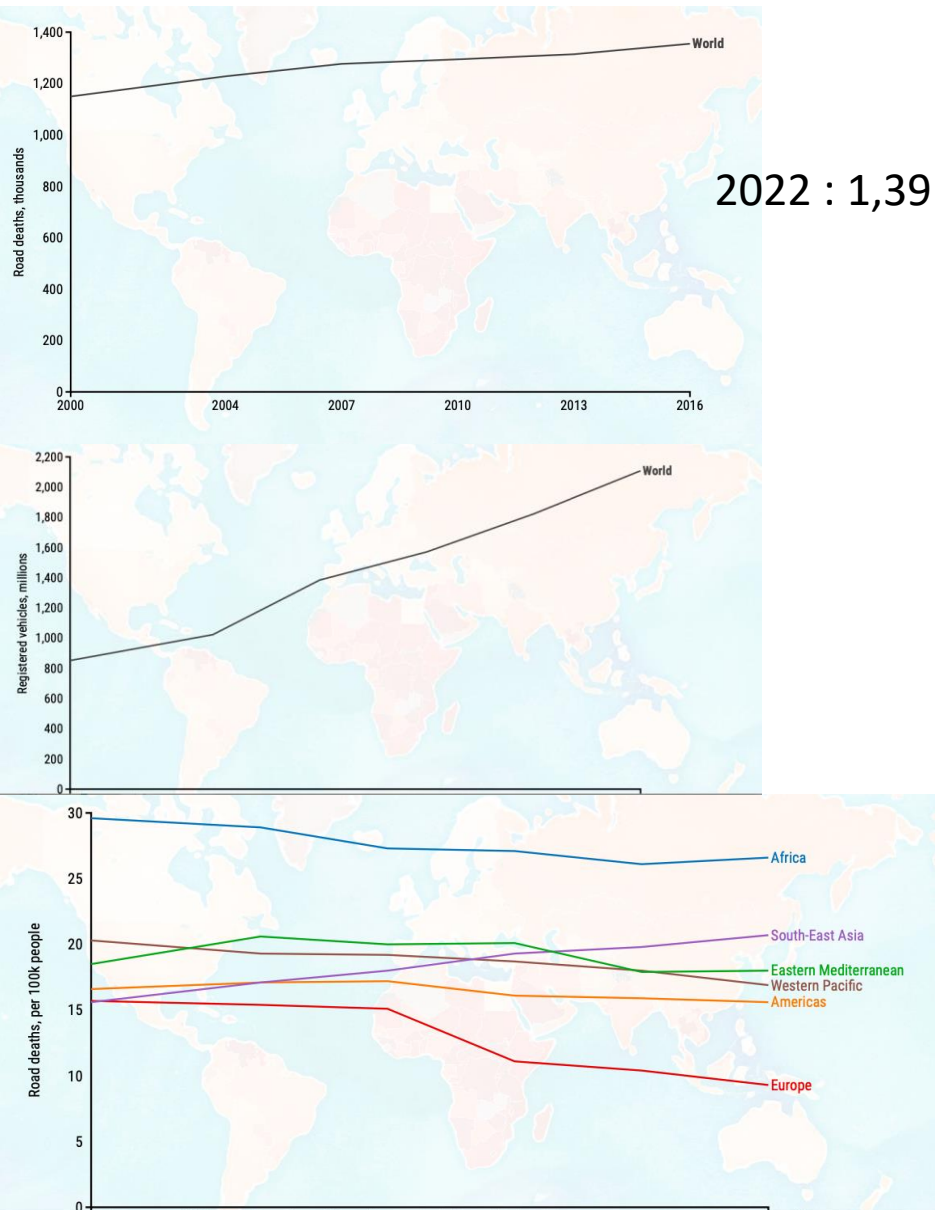


Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle

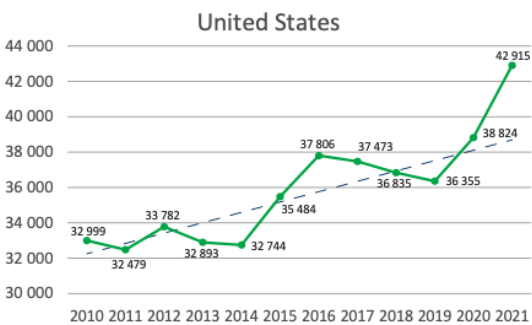
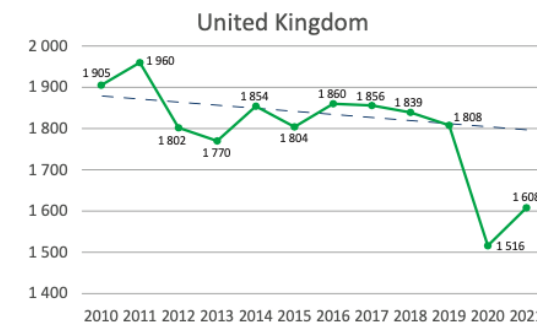
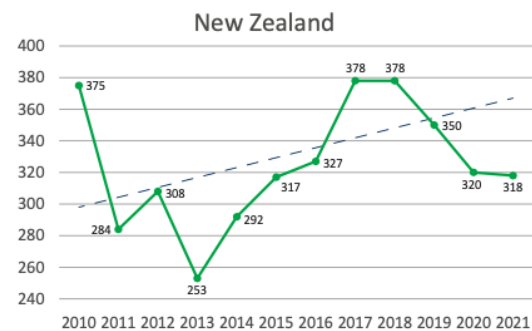
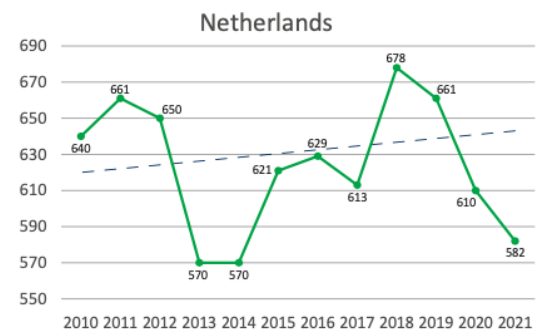
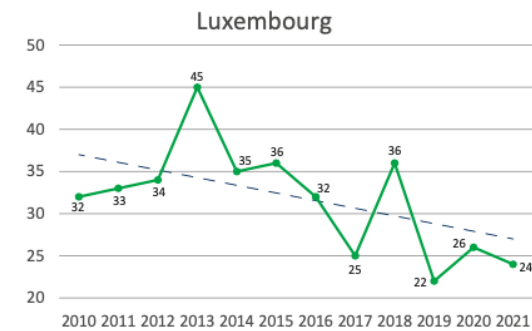
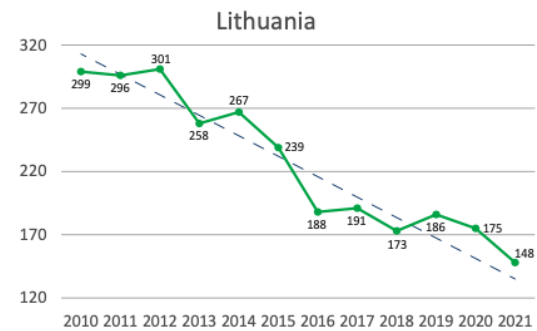


Promote public procurement practices that are sustainable, in accordance with national policies and priorities

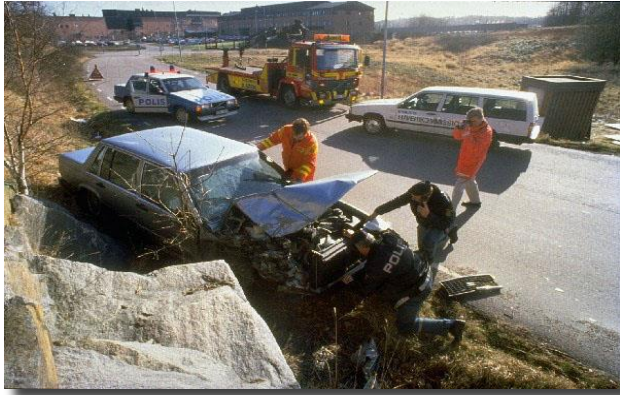
WHO 2000 - 2016



IRTAD 2010 - 2021



Research, innovation, implementation needs real traffic data

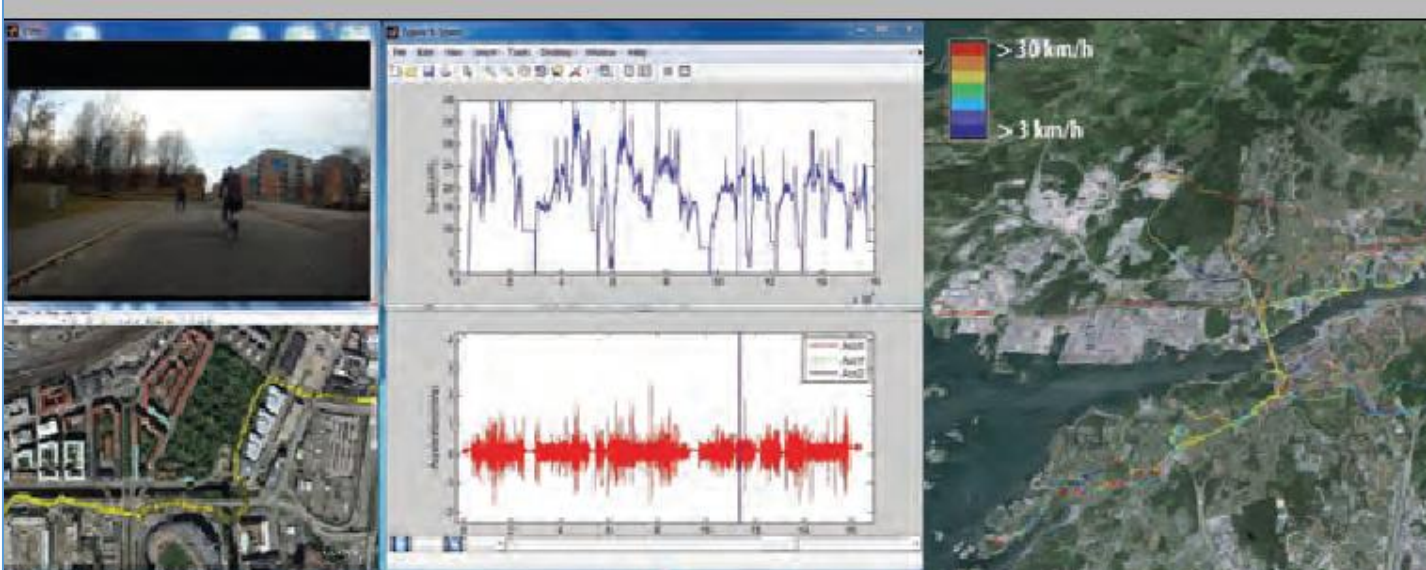


1970 =>
In-depth
studies
and
accident
statistics



2005 =>
Continuous data
from vehicle
and on-board
video

2012 =>
Continuous data
from vehicles
and other road
users, video,
dynamic
environmental
data,
prediction
models, AI, VR



Tomorrow =>





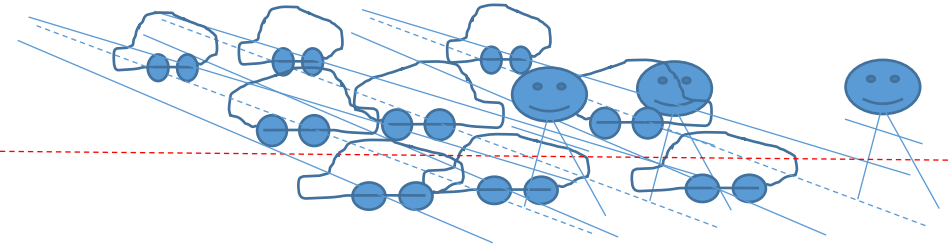
Liveable world.....



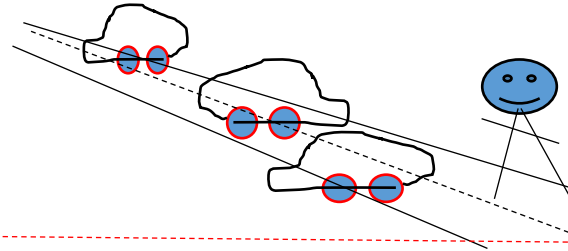
Vision X-Zero



safe, affordable, accessible and sustainable transport systems for all

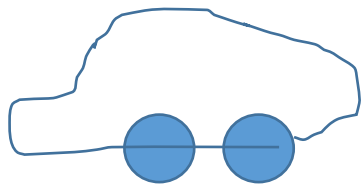


Safe traffic

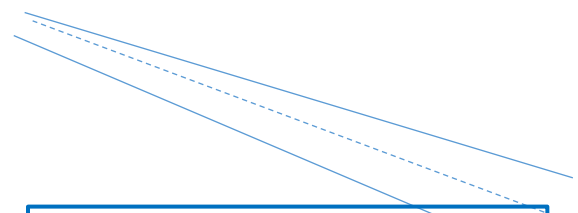


	Pre-crash	Crash	Post-crash
Driver	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roadway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vehicle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

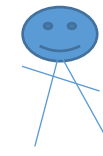
Haddons matrix



Safe vehicle



Safe infrastructure



Safe behaviour

Embrace complexity

- System properties are integrated in the system design and emerge at system level!
- System innovation needs mobilisation of all stakeholders concerned
- A scientific mindset and scientific tools and methodologies are vital
- Design thinking, back-casting and scenario analysis are powerful in early planning
- Experimentation based on present best knowledge - data driven dialogue
- Evaluation and transparency - shared data – visualisation – digital tools





Observe - Rethink - Respect





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