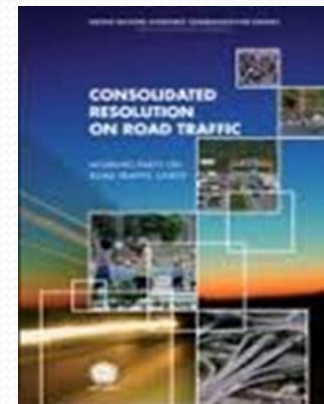
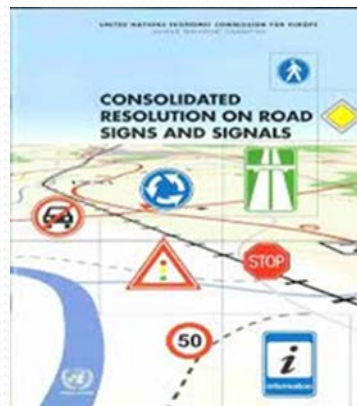


# INLAND TRANSPORT COMMITTEE 2018 , Agenda 5 c) Road Safety

- GLOBAL FORUM FOR ROAD TRAFFIC SAFETY  
76th session, March, 19th -23rd 2018
- Opening 19th , 9.30 - Round table on Vulnerable Road Users policies in urban environment in S E Asia and other world regions *WP1 Initiative on the Implementation of SDG 3.6 and 11.2*

# WALK THE ROAD SAFETY TALK

- Global Forum-WP.1 agenda on improving road traffic safety, in the frame of those principles and concepts addressed in the legal instruments ( Conventions and Consolidated Resolutions )
- Legal Instruments represent a privileged common universal language .
- Together act as dynamic custodians and innovative rule makers, this to follow the call for safe mobility in regions with expanding economies, while addressing traffic evolution in the digital era preserving legal certainty necessary for Governance



# International Institutional Awareness

- Importance of coordinated action and support with UNSG Special Envoy
- Raising high level political awareness on the governance potentialities of legal instruments and shared best practices





# WP1 AGENDA



**Conventions and Consolidated Resolution constant work of updating**

- **Lights and Light Signalling ; Driving Permits;**
- **Autonomous Driving**
- **Safe System Approach**
- **MDCI – Multidisciplinary Crash Investigation**
- **Distracted Driving**
- **Resolution ( Annex III, ECE/TRANS/WP1/155) and Contribution (X, 45, ECE/TRANS/WP1/159) to ITC request for strategic inputs**

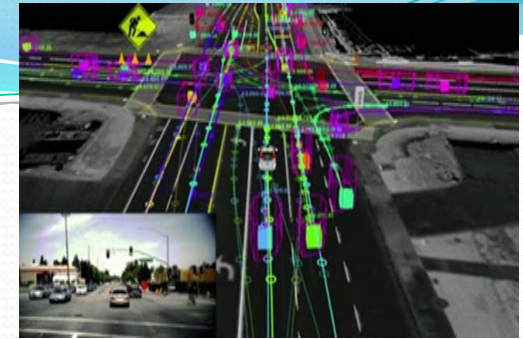


# In the making of mobility – Convention 1968

- ▶ ART 8 -1968 Vienna Convention
- ▶ 1. Every moving vehicle shall have a driver
- ▶ ..
- ▶ 3. Every driver shall possess the necessary physical and mental ability ..
- ▶ 4. Every driver of a power driven vehicle shall possess the knowledge and skills for driving the vehicle..
- ▶ 5. Every driver shall at all times be able to control his vehicle...



- <https://www.unece.org/fileadmin/DAM/trans/doc/2014/wp1/ECE-TRANS-WP1-145e.pdf>



# Mobility REBORN

- Human factor is one of the key issue when we speak of road casualties . On this, automotive technology advances will play the transformational role.
- Evolution- Revolution : Traditional approach : Perception, Risk Hazard Awareness , Skills, Knowledge - HUMAN CENTRIC –Regulatory and deontological approach
- The shift from Human Centric to Complex Systems
- Framing the future and the transition time - dusting off the Convention legislation & the need of a flexible , replicable lived –in legal instrument to follow closely (and not hamper ) technological progress in respect of the balance of the societal benefit
- WP1 and its dedicated Informal Group of Expert on AD
- Shared principles to build regulatory capacity apt to shape a new optimized efficient legislative action to cast the new mobility as it was for the Conventional one : Testing new adaptive driver skills -skills depletion ; Balancing Human Factor transitional interaction ; Assessing the HAV - driverless systems to build liability trustworthiness and public acceptance

# Governance



- 1° Workshop on Governance of Safety of Automated Vehicles-WP1, NHTSA, Stanford University - USA, Stanford & Mountain View, 20-21 October 2016

[http://www.unece.org/trans/roadsafe/automated\\_vehicles\\_workshop\\_stanford.html](http://www.unece.org/trans/roadsafe/automated_vehicles_workshop_stanford.html)



- 2° Workshop on Governance of Safety of Automated Vehicles-

WP1, NHTSA, IFSTTAR Geneva, 28-29 June 2017

[http://www.unece.org/trans/roadsafe/automated\\_vehicles\\_workshop\\_geneva\\_2017.html](http://www.unece.org/trans/roadsafe/automated_vehicles_workshop_geneva_2017.html)

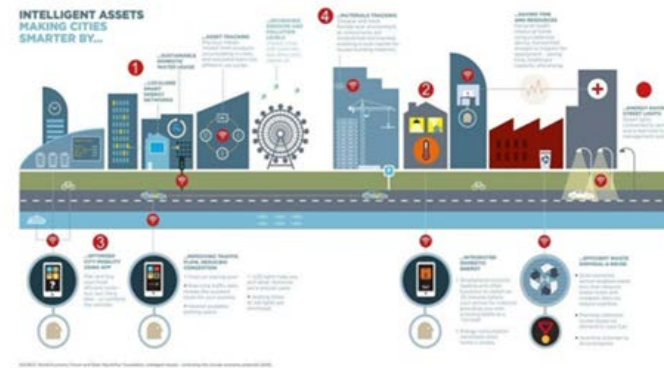


# Adaptive and Inclusive Road Safety Policies – Concepts of SDG

- Legal instruments should also set the appropriate legal references bearing into account exogenous influential factors, such as
- Population / morphing urban environment : Age of megacities, policentric axes and mass mobility demand , traffic volume
- Asymmetric – Heterogeneous Road safety Conditions across the globe
- Vulnerability: Technology and – VRU – awareness and interaction

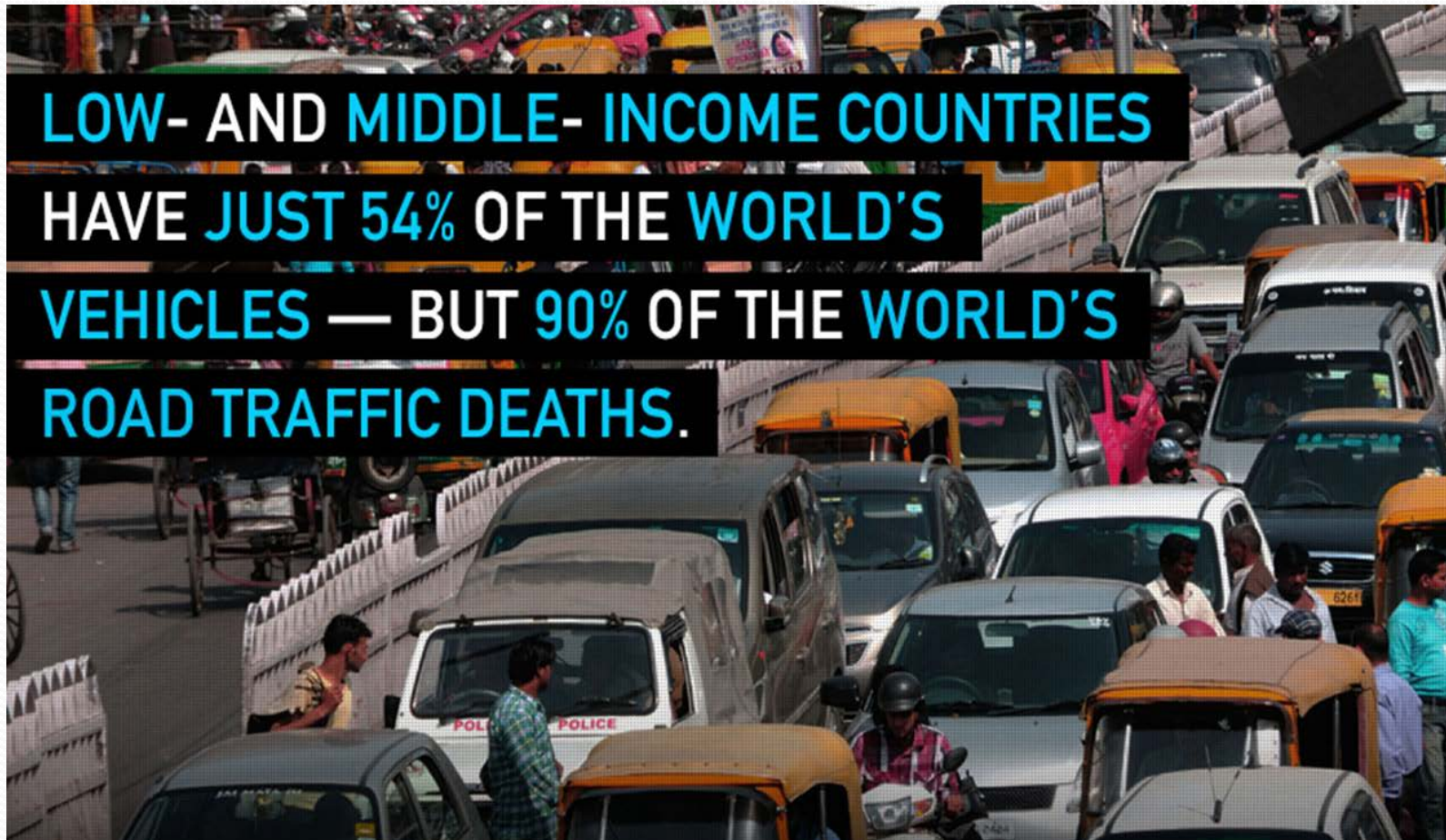
## The World's Megacities Are Set for Major Growth

Population growth of the world's top 15 megacities (millions, 2011-2025)





# Mobility :Socio-economics math Ethical Multipliers



# Road Safety as human right

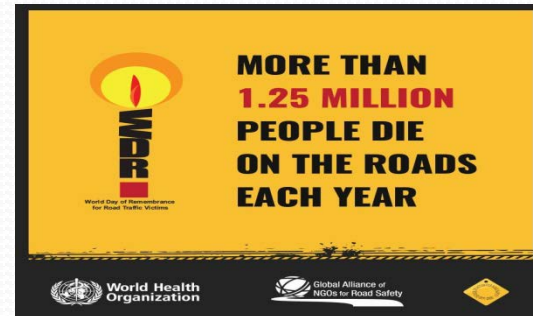


**Prince Zeid Ra'ad  
Zeid Al-Hussein**

United Nations High Commissioner for Human Rights during the International Road safety film festival Film Opening in Geneva

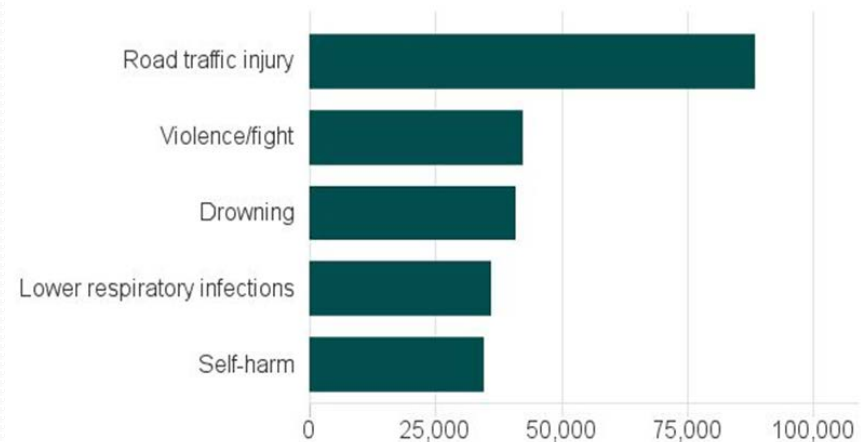
"Road safety  
is a  
**Human rights  
issue.**"

20 February 2017



**Numbers with names**

**Top five global causes of male adolescent deaths  
Ages 10-19 years**



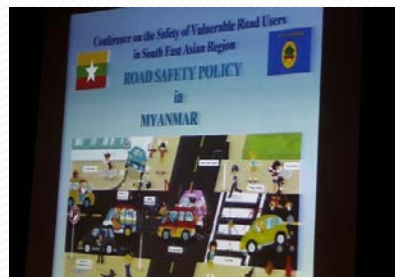
Source: WHO





# Global Forum For Road Traffic Safety – OUTREACH

- Reaching out **South East Asia Region** – Case studies / replicable in other region of the world with similar mobility criticalities: Implementing legal instruments
- **UNECE WP1\*US-NHTSA\* IRTE in close cooperation with ESCAP**
- 23<sup>rd</sup> March 2015 – WP1 70<sup>th</sup> Session **Round Table and Strategic Conclusions** to build a Research Cluster on exploring the use of road safety legal instruments to address **powered two wheeled vehicles safety policies in low and middle income countries.**
- Conference on safety of Powered Two wheelers , Delhi, IRTE, 18<sup>th</sup> – 19<sup>th</sup> February 2016 ; 28<sup>th</sup> - 30<sup>th</sup> November 2016; **VRU ( focus on challenged people, elderly, school transport) - November 2017, 9-11**
- **Conference November 2018**



# The road to results



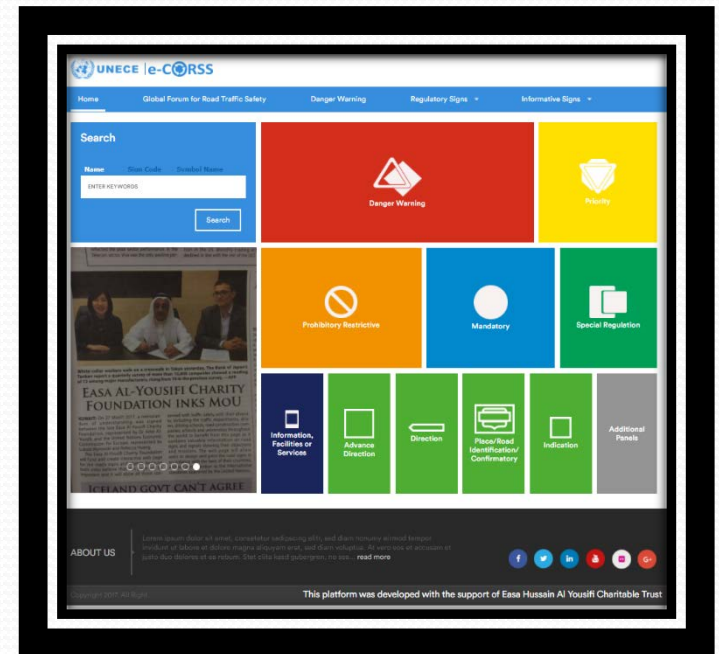
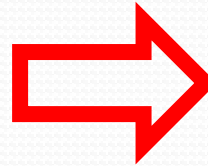
- Ethical responsibility to offer inclusive trustworthy regulatory solutions within SDG 3.6 and 11.2
- Technology promotional benefit through proper legal guidance prioritizing societal advantages
- Global Forum enacts the governmental coordination and support to empower the UN resolutions an legal principles .



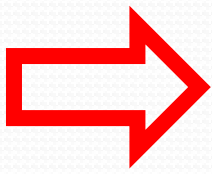
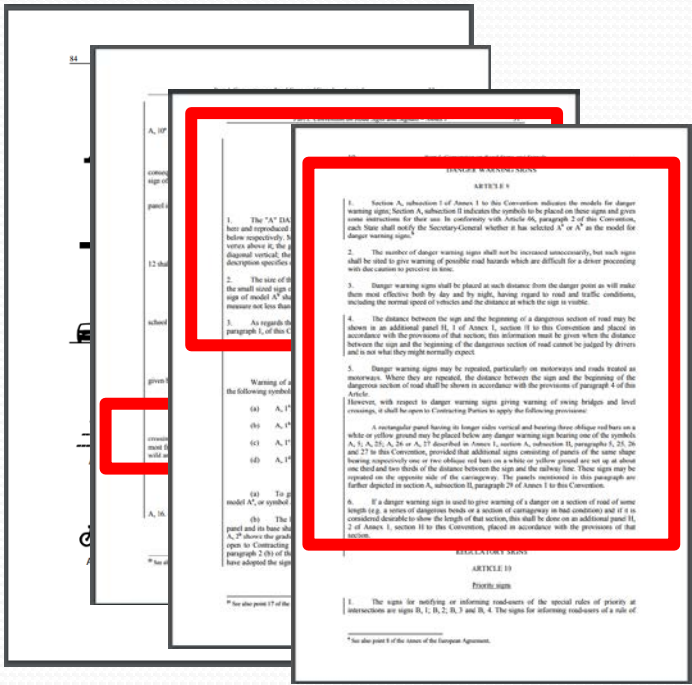


# e-CoRSS

# What is e-CoRSS?



# E-CoRSS in action



UNECE | e-CORSS

Home    Global Forum for Road Traffic Safety    Danger Warning    Regulatory Signs    Informative Signs

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Home

View    Edit

**CATTLE OR OTHER ANIMALS CROSSING (DOMESTIC)**



[Edit Sign](#)

[Download Sign](#)    [Provisions](#)

<b>New Code:</b>	A-15.1
<b>Old Code:</b>	A, 15 a
<b>Definition:</b>	Warning of a section of road on which there is a particular danger of domestic animals crossing shall... <a href="#">Show more &gt;</a>
<b>Description:</b>	DANGER WARNING signs, except signs to be placed in the immediate vicinity of level-crossings and add... <a href="#">Show more &gt;</a>
<b>Additional Information:</b>	A country, Contracting Party to the Convention, shall select one variant of this sign (in terms of s... <a href="#">Show more &gt;</a>



**Related Signs**



[CATTLE OR OTHER ANIMALS CROSSING \(WILD\)](#)

**Related Variants**



[CATTLE OR OTHER ANIMALS CROSSING \(DOMESTIC\)](#)



[CATTLE OR OTHER ANIMALS CROSSING \(DOMESTIC\)](#)

**ABOUT US**    Current issues: details on entry, consultation, webinars, etc. and learn more about the project and how to get involved. At the end of document are links that direct us to relevant UN and other government, to see [read more](#)

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This platform was developed with the support of Easa Hussain Al Yousefi Charitable Trust