



Independent Council for  
Road Safety International

International Symposium

# Road Safety Around the World: Future Concerns

19 March 2018

Implementing the safe system and analytical  
capacity building

Stephen Perkins

**Acknowledgement**

ICoRSI has received support from:

*Institutional donors:* Tata Education & Development Trust, Mawana Sugars, University of Chicago Center in Paris, Veolia

**Recommended citation**

Perkins, S. (2018) Implementing the safe system and analytical capacity building. Presentation at ICoRSI International Symposium *Road Safety Around the World: Future Concerns*, 19 March 2018, Paris. Independent Council for Road Safety International, [www.icorsi.org/icorsi-pblications](http://www.icorsi.org/icorsi-pblications).

**Declaration**

The presentations included in this volume were prepared for discussion at the ICoRSI International Symposium *Road Safety Around the World: Future Concerns*, 19 March 2018, Paris. The papers may be published subsequently in a different form.

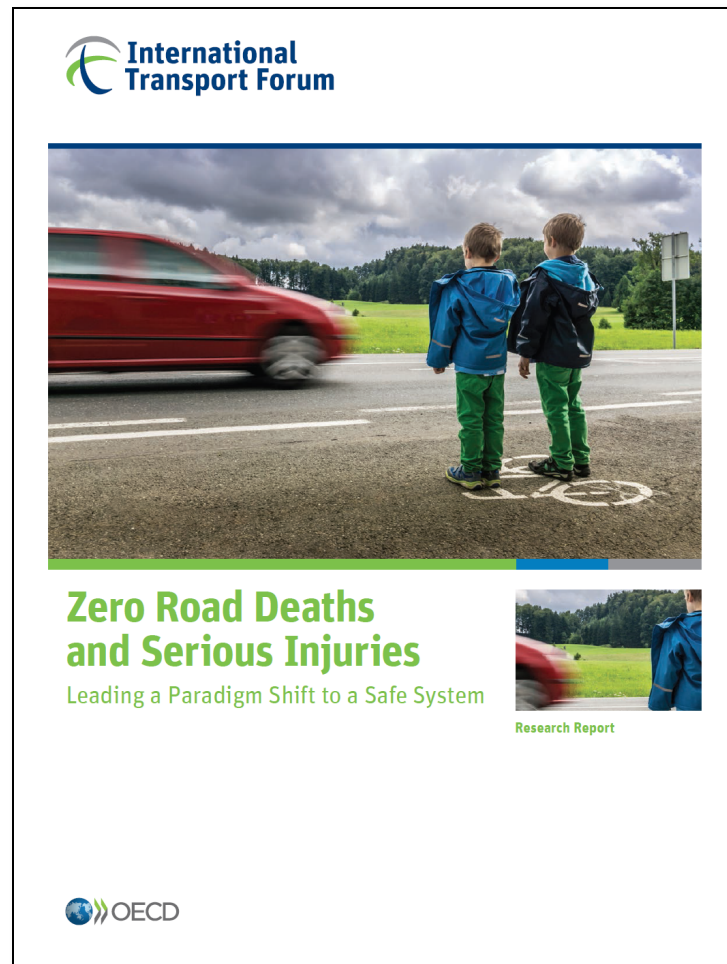
Contents may be reproduced with attribution to authors.

# **Implementing the Safe System and Analytical Capacity Building**

Stephen Perkins  
International Transport Forum at the OECD

**Independent Council for Road Safety International**  
Paris Conference March 2018

# Achieving Zero Road Deaths & Serious Injuries



## Key recommendations

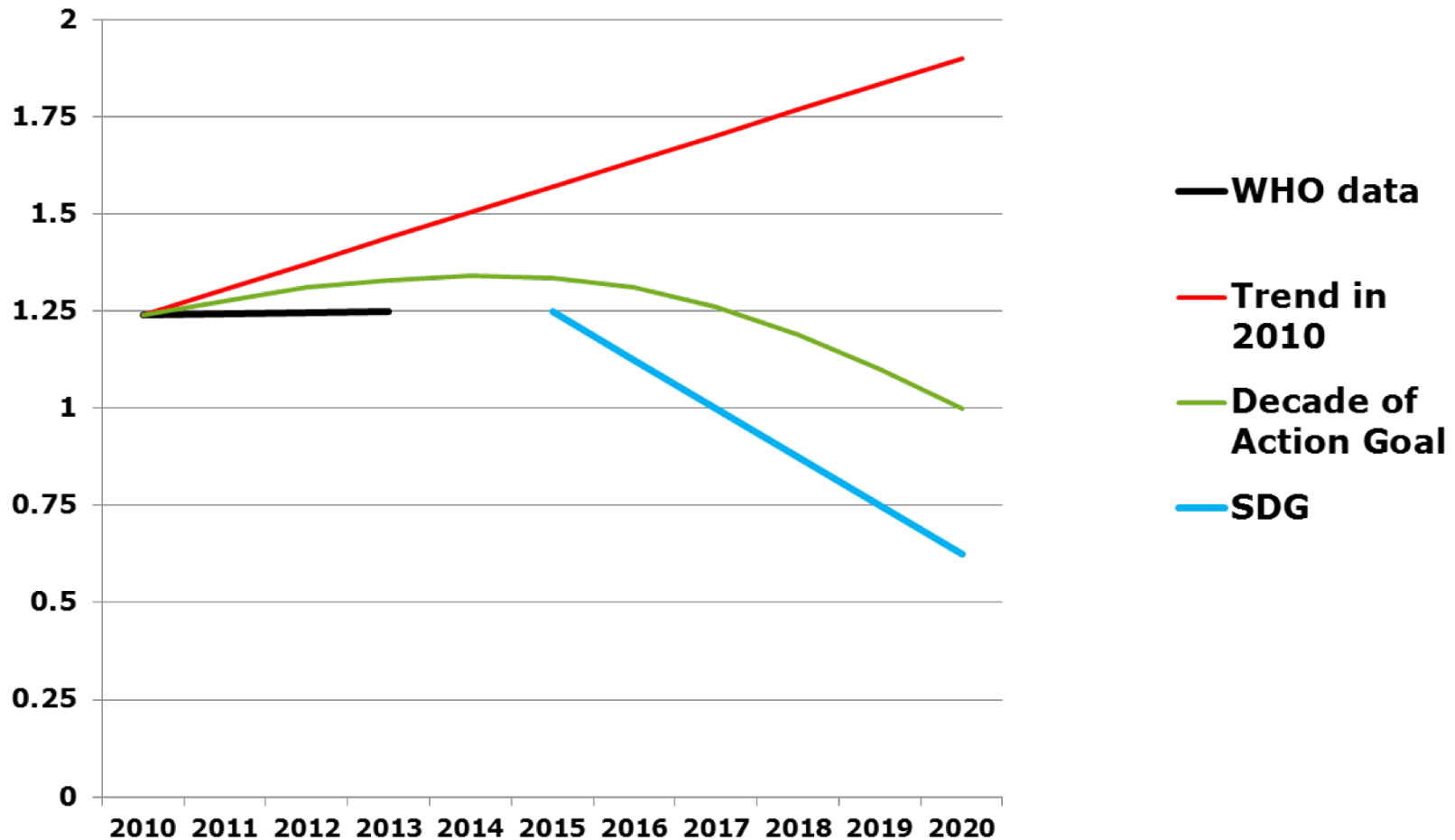
- Think safe roads not safer roads
- Underpin aspirational goals with concrete operational targets
  - Based on evidence
  - Based on funded interventions
- Establish legal shared responsibility and results focused governance
- Address all pillars of the safe system
- Make cities safe for vulnerable users
- Build capacity in low and middle income rapidly motorising countries
- Support data analysis and research



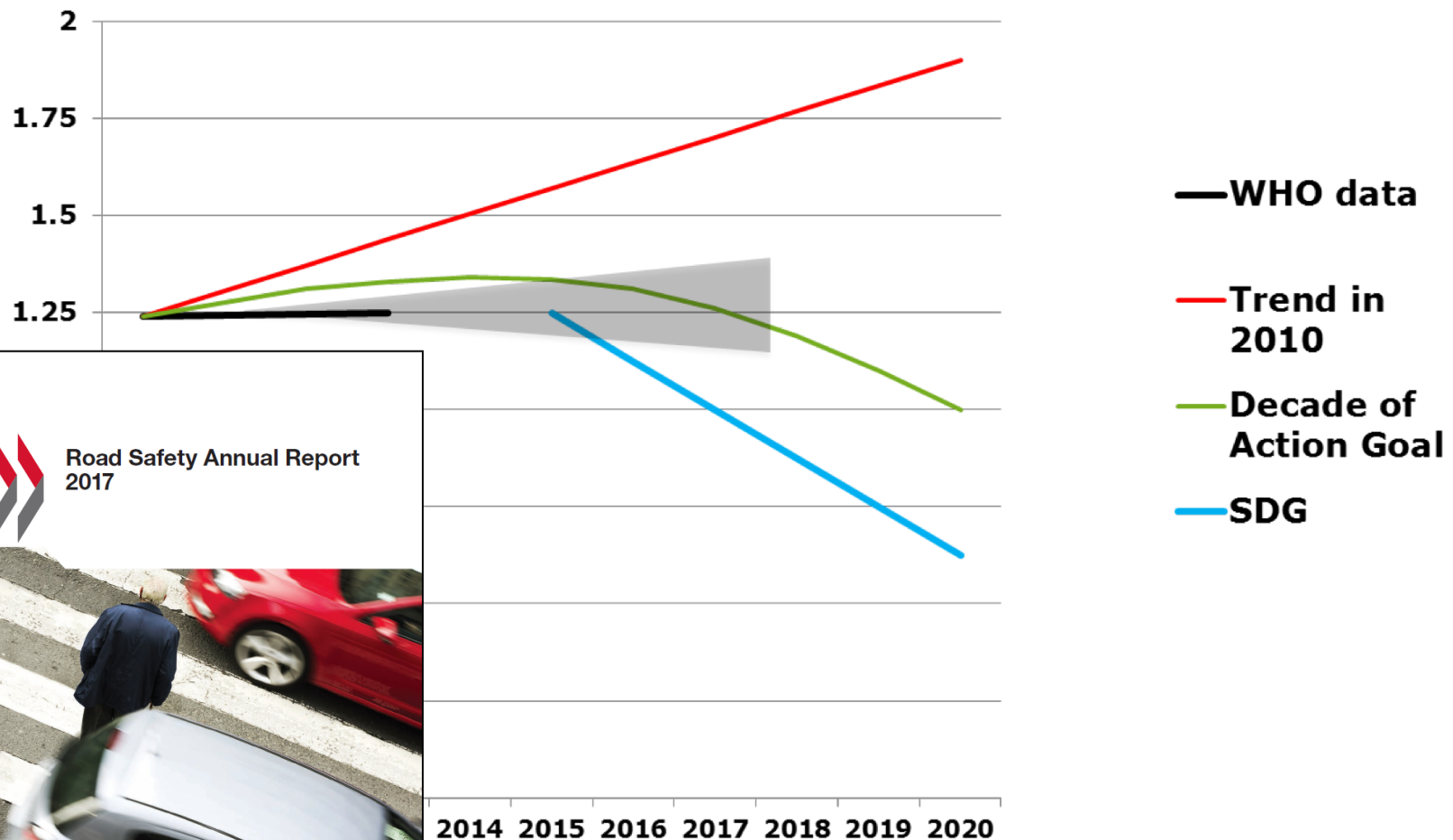
# Targets

- UN vision/targets are commendable
- 2010-2016 SDG fatality reduction of 45% will not be met
- Short term targets need to be linked to funded interventions and ex-ante modelling of effectiveness
- Provide resources for modelling and for developing and publicising performance indicators
- Adopt a serious injury reduction target

# UN Decade of Action Goal and Sustainable Development Target (million people killed)



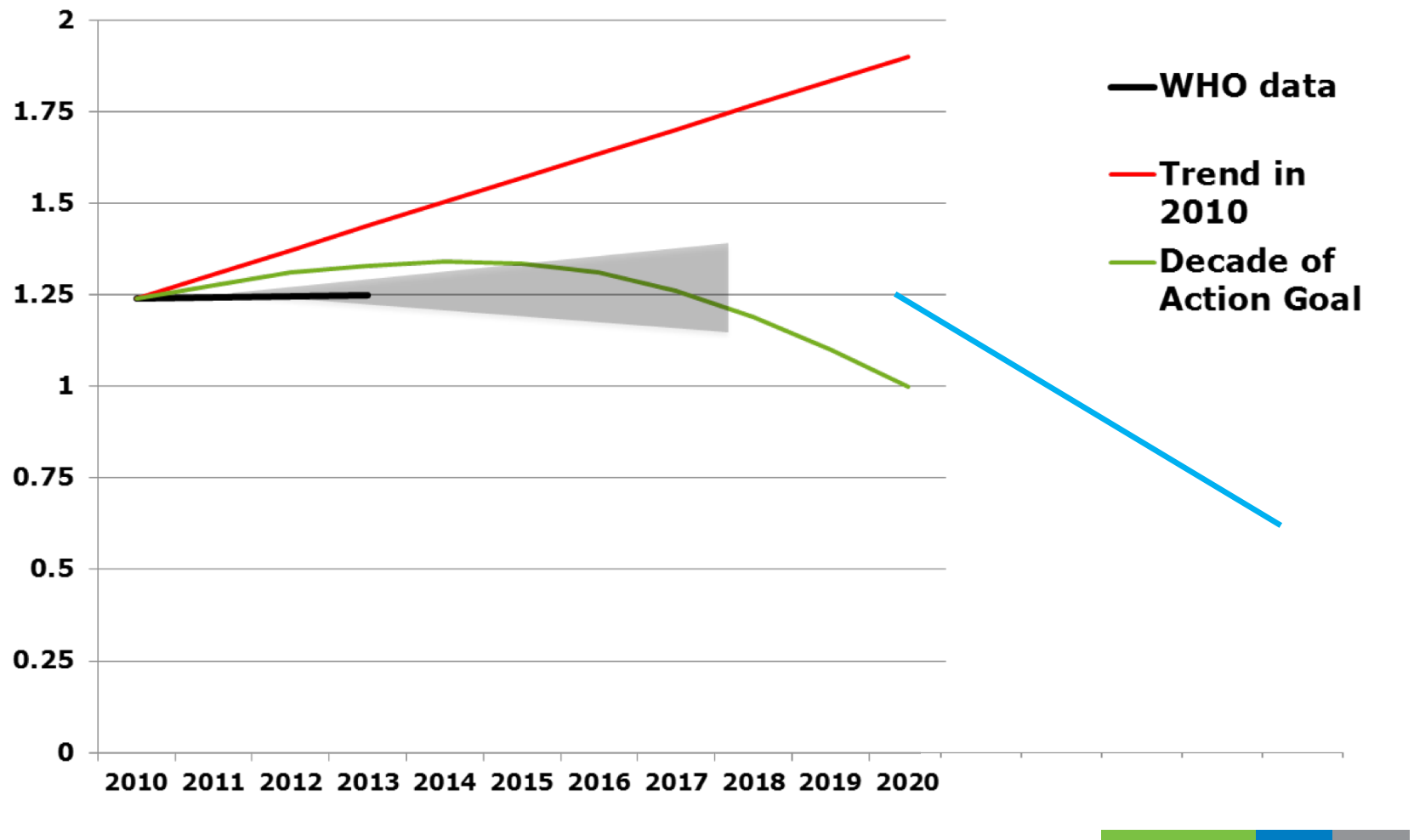
# UN Decade of Action Goal and Sustainable Development Target (million people killed)



Road Safety Annual Report  
2017



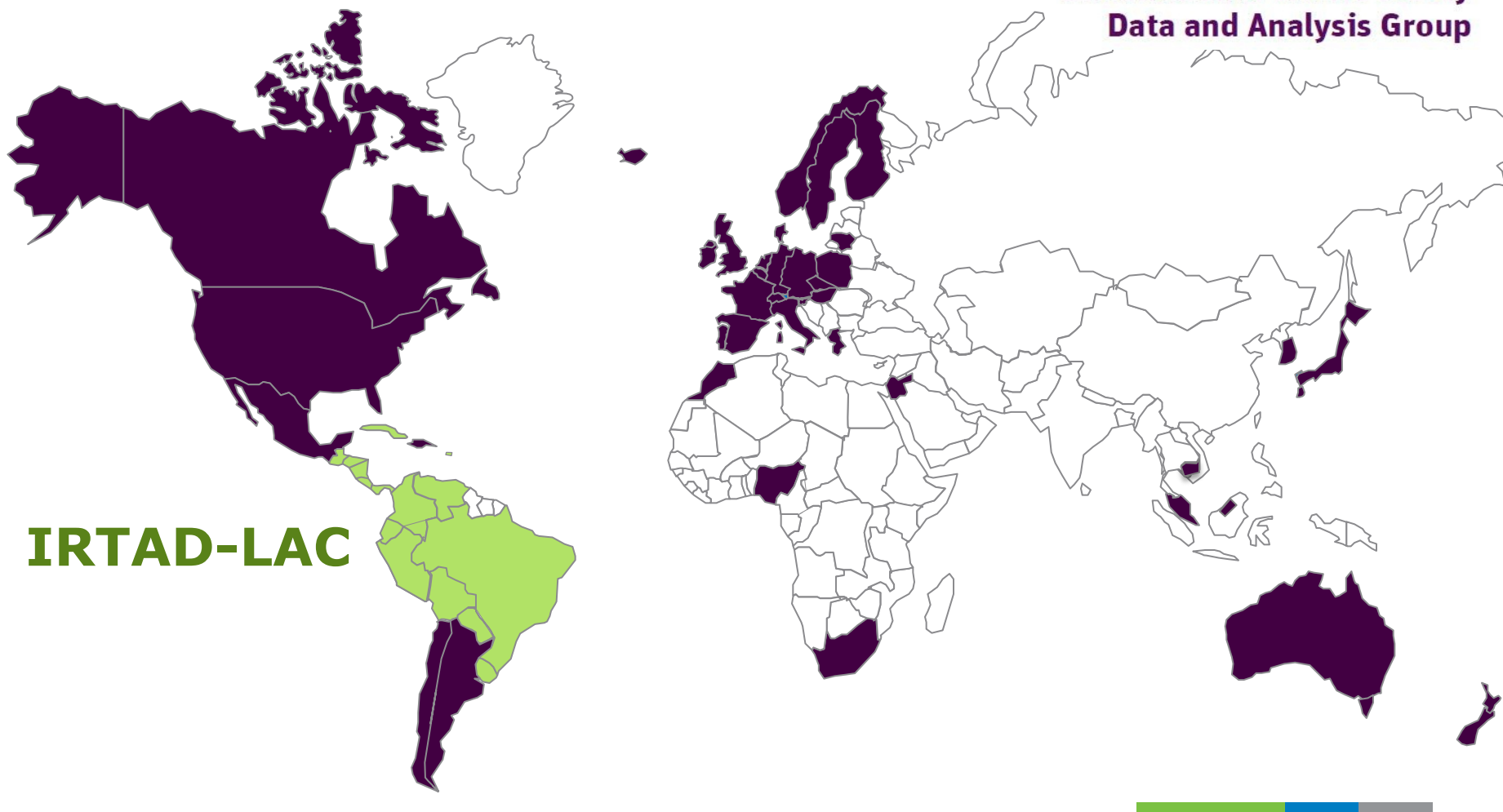
## Recommended New SDG Target (million people killed)



**IRTAD** 80 members or observers from 40 countries  
The database includes validated data from 32 countries



**International Traffic Safety  
Data and Analysis Group**



# IRTAD Research

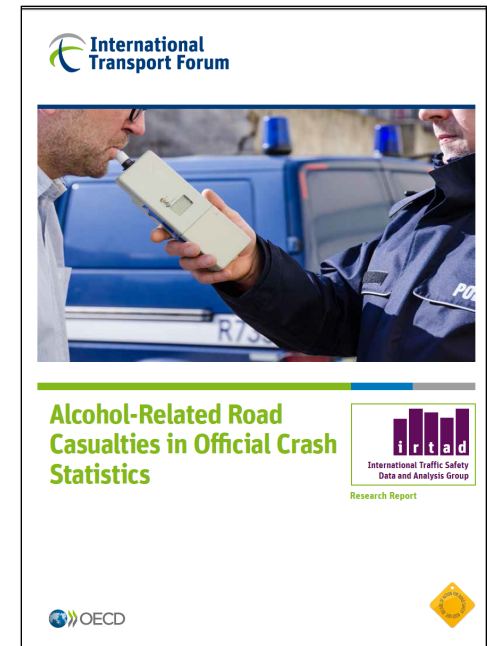
2017 report on alcohol related crashes

- Based on official statistics of 45 countries, 22% of fatal crashes are alcohol related.
- Great variations, between 5% and 35%.
- Real number of alcohol-related casualties higher

Speed and Crash Risks (Forthcoming)

Sub Groups

- Exposure data
- Safety Performance Indicators
- IRTAD Database review
- Review of definitions for road safety indicators
- National data quality reviews



## IRTAD Research: Alcohol related casualties in official crash statistics

- Based on official statistics from the 45 countries surveyed, **average share of 22% of fatal crashes are alcohol** related.
- Estimation: More than 250 000 road deaths worldwide due to drink driving
- Great variations, ranging between 5% and 35%.
- **Real number** of alcohol-related road casualties **higher**.
- **Official statistics underreport** alcohol-related crashes and casualties, only based on police data
- Better data = better insight to design and implement appropriate responses.



## **IRTAD Twinngs**

*to assist low and middle income countries to improve their crash data system*

- **Argentina** / Spain  
*completed*
- **Cambodia** / Netherlands  
*1<sup>st</sup> phase completed. 2<sup>nd</sup> phase completed*
- **Jamaica** / United Kingdom  
*on going*

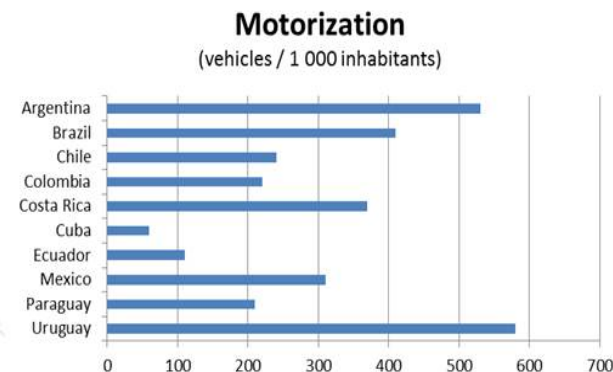
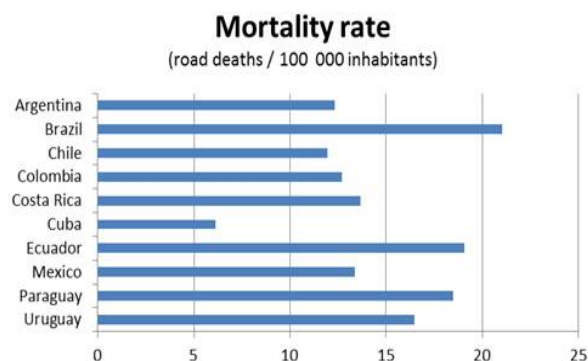
## **DATA REVIEW MISSION**

- Chile: in September / October 2017





# Benchmarking in Latin American Countries



ROAD SAFETY  
GRANT PROGRAMME



OISEVI  
irtad lac

# Benchmarking Road Safety in Latin America

- Final report published 2017
- Argentina, Brazil, Chile, Colombia, Costa Rica, Cuba, Ecuador, Mexico, Paraguay, Uruguay
- Inspired from the SUNFLOWER project
- With support from FIA, OISEVI and the World Bank



# Presentations to Transport Ministers and key stakeholders



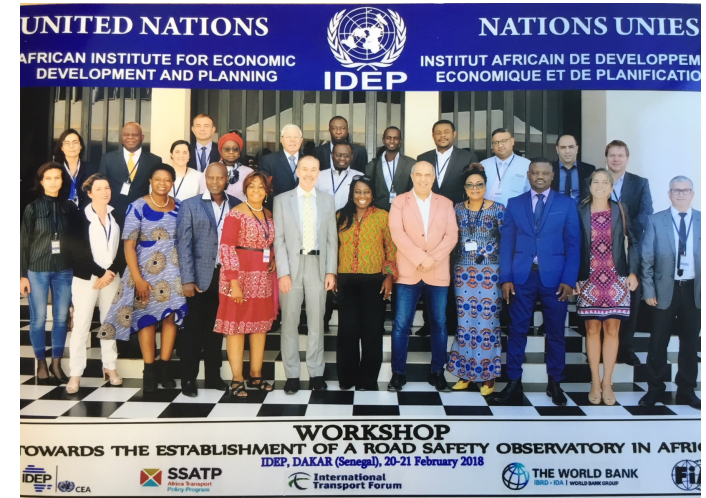
Argentina, Chile and Colombia:  
November 2017

Brazil, Paraguay, Uruguay: July  
2018

Costa Rica, Cuba, Ecuador,  
Mexico: tbd

# Workshop – Dakar – 20-21 February 2018

- ITF / World Bank / FIA agreement on regional road safety observatories
  - Preliminary discussion in Marrakech, 2017
  - 7 countries: Benin, Kenya, Nigeria, Morocco, Senegal, South Africa, Tanzania
  - WB, WHO, UNECA, SSATP, FIA, Safer Africa
  - France, Sweden
  - Brainstorming on expectations from African countries and Minimum set of data
  - Signature of a Resolution by 7 countries.
  - Next steps :
    - Africa Transport Policy Program (SSATP)
- Annual meeting in July 2018:  
presentation to Ministers





## ITF Summit Leipzig 23-25 May 2018



<http://2018.itf-oecd.org/>

# Thank you

[stephen.perkins@itf-oecd.org](mailto:stephen.perkins@itf-oecd.org)

[www.internationaltransportforum.org](http://www.internationaltransportforum.org)