



National Technical University of Athens
Road Safety Observatory

www.nrso.ntua.gr

FIFTH UNITED NATIONS GLOBAL ROAD
SAFETY WEEK

6-12 May 2019



Save Lives

#SpeakUp

The National Road Safety Center in Saudi Arabia



Workshop:

**Digitalisation
and Road Safety
Research**

Friday
17
May
2019
at 14:00

Dimos Pavlou

PhD, Transportation Engineer, Research Associate

Together with:

George Yannis, Katerina Folla, Stergios Mavromatis

The initiative and the objective



Initiative

Road safety programs
to reduce road accident
fatalities and serious
injuries



- In cooperation with: Salfo & Associates
- Duration: 12 Months (Oct2018 - Oct2019)
- Objective:



Describe,
Design and Operate
a Center of National Range
providing services for:



Dimos Pavlou, The National Road Safety Center in Saudi Arabia



National Road Safety Center



Vision

- **Center of technical excellence and strategic partner** for road safety stakeholders to enable the Kingdom to be amongst the top 30 countries in road safety performance by 2030



Mission

- **Building partnerships** with stakeholders
- **Facilitating data collection** and analysis
- **Strengthening professionalism** by
 - providing national road safety performance indicators,
 - a central system for road safety data management, governance,
 - technical support,
 - knowledge and training



Values

- **Partnership**
- **Transparency**
- **Excellence**



Dimos Pavlou, The National Road Safety Center in Saudi Arabia



The 10 Value Points of NRSC

1. Road safety strategic planning and coordination

- Road Safety Action Plans, National Road Safety Committee

2. High quality Road Accident Data (collection and analysis)

- MoH (road accident injury severity data)
- MOI Traffic Dpt. (accident data, risk factors data - speed, seatbelt, mobile phone use, illegal driving, child restraint systems, etc.)
- MoT (road network data, traffic data - volumes etc.)

3. Strategic coordination of road safety initiatives

- Proposals for legislative changes
- Proposals for Enhancement of enforcement



The 10 Value Points of NRSC

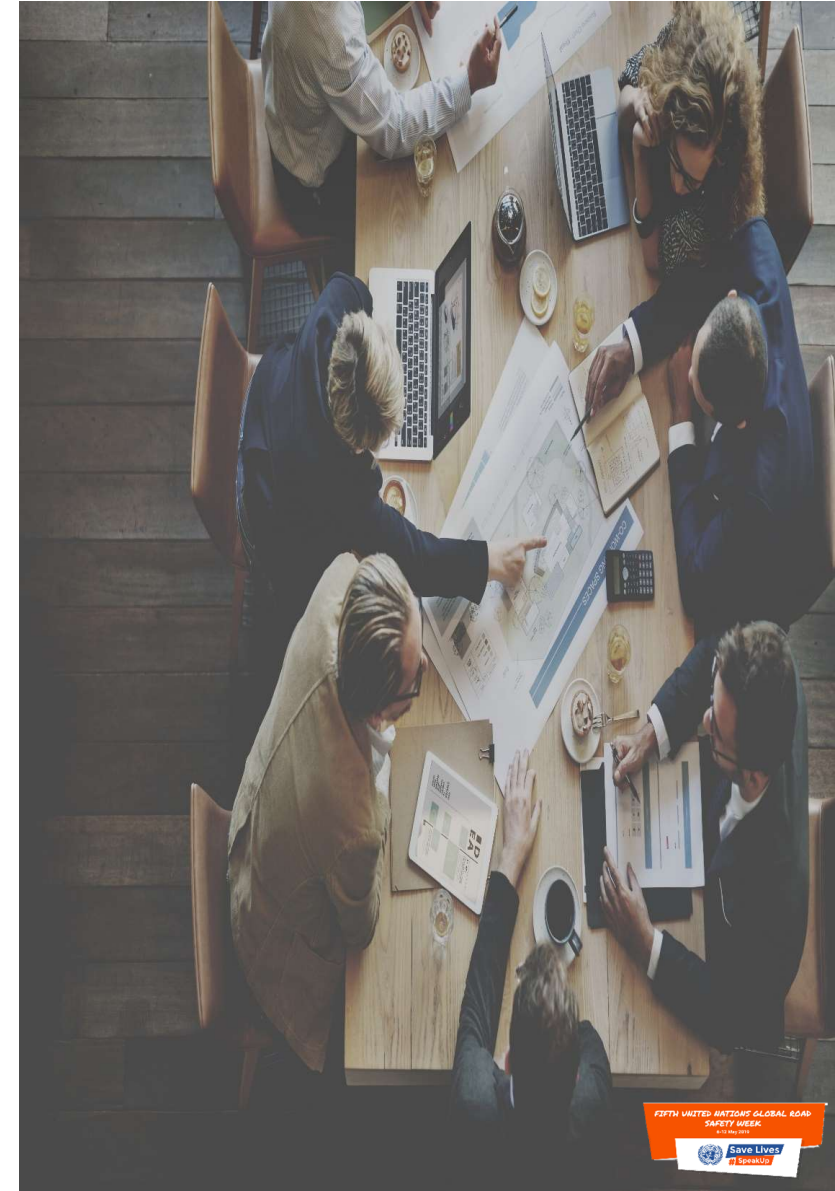
4. Technical Library for road safety

- Updated hard and soft copies of Key Road Safety Publications and Books from top road safety organisations and authorities all over the world

5. Safety information repository from all stakeholders

- Insurance data
- Education curriculums
- Ministry of Information
- Red Crescent

6. Fleet safety program facilitation and resources



The 10 Value Points of NRSC

7. Awareness Campaigns for target road user groups

- Vulnerable road users, elderly, professional drivers etc.

8. Facilitation of road safety training

- certification of road safety professionals
- certification of training providers
- provision of training facilities.

9. High quality Road safety technical services for MoT and other key stakeholders

- Road safety inspections
- Road safety audits
- Proposal for interventions

10. Awareness campaigns for contractor workzone and site safety



The challenge

➤ Current Road Safety Status in KSA (2016)

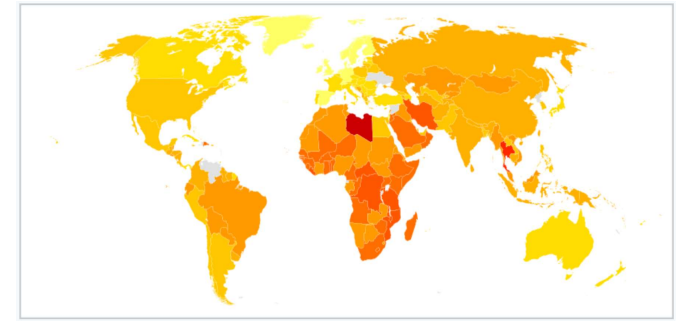
- 9.311 fatalities 28 fatalities/100k population
- 164th place worldwide

➤ The goal

- Climb from 164th place to **Top 30 in the world by 2030**

➤ How?

- NRSC to lead and developing a framework for interventions to all 5 Strategic Pillars of Road Safety



Death rates from road traffic accidents by country, per 100,000 inhabitants, world map (WHO 2015).^{[1][nb 1]}





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