



FOR AN EFFECTIVE NATIONAL ROAD SAFETY OBSERVATORY

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Content



- ❑ **Facts and Figures of Traffic Safety**
- ❑ National Traffic Safety Committee – (Lead Agency)
- ❑ Directions and options for NRSO in Vietnam
- ❑ Discussions

Main Facts and Figures



- ❑ Economy:
 - Stable growth at high rate (6% p.a – 2000-2019) and will continue in the future
 - Successful in poverty alleviation (Percentage of households with income of under national poverty line 2005/2013 = 22% / 7,8%)
 - GDP: 2.481 USD per capital (est. 2018)
- ❑ Demography and Society
 - Population: 96.2 millions (National Population and Housing Survey , 2019)
 - Relative young population (94,2% of population < 65 years old)
 - Fast and high risk of uncontrolled urbanization by illegal migration [Urban population 19% (1986) ->25% (2002) ->34.4% (2019)].
 - Gradually increasing of social gaps and conflicts;
- ❑ Road registered motorized vehicles (2018)
 - Automobile: 3.991.377
 - Motorcycles & Moped: 59.062.380
- ❑ Issued driving licences: Car= 8.162.000 CDLs; Motorcycles = 45.162.000 MDLs.

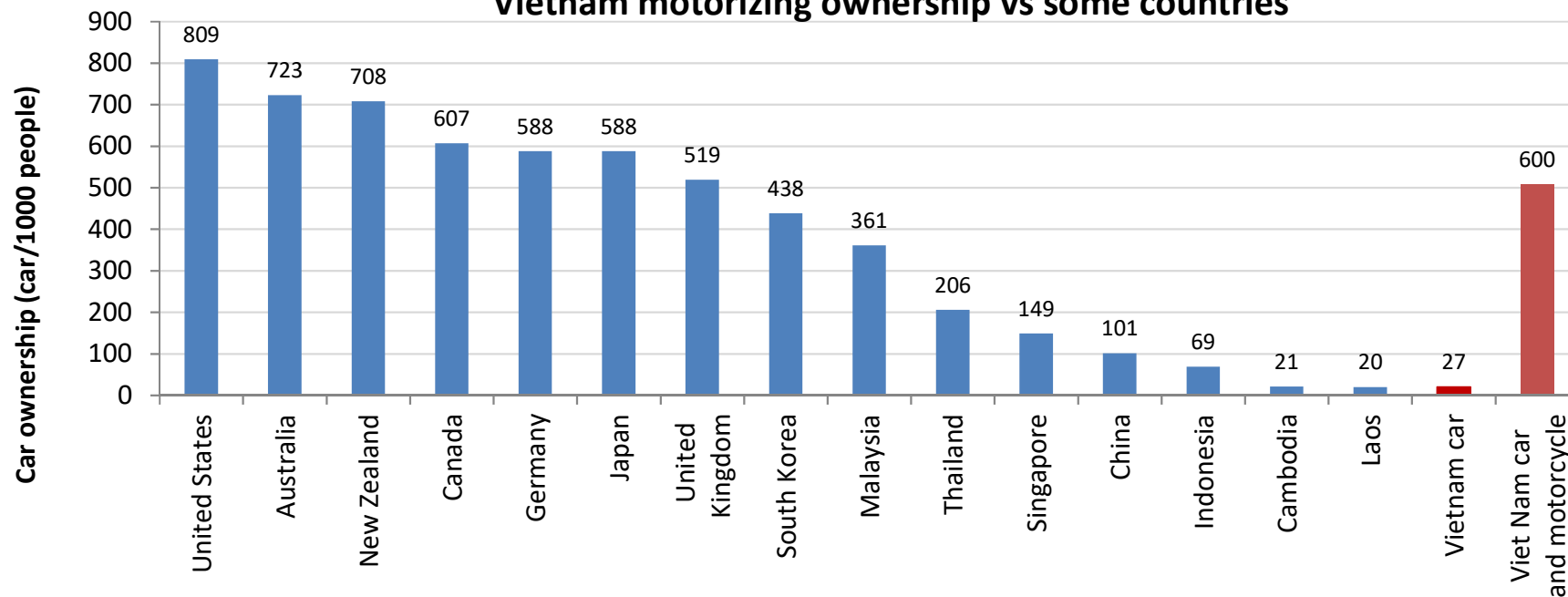


Facts & Figures

Motorization in Vietnam (Registered)



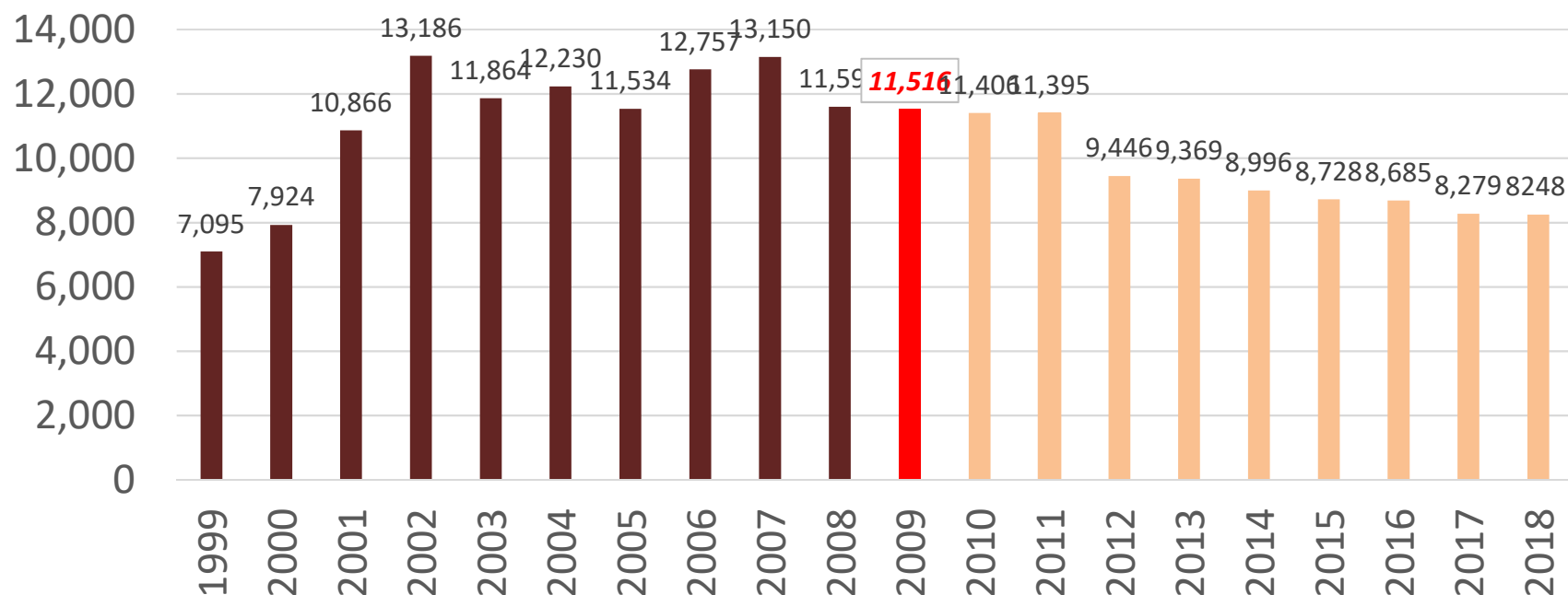
Vietnam motorizing ownership vs some countries



- About 3.9 million cars, 58 million motorcycles and 1 million e-bikes registered 2018
- Private motorized veh ownership rate: 600 veh/1000 pop (27 cars+ 570 MCs / 1000 pop.)
- Annual growth rates: 7.3%/yr for motorcycles and 6.3%/yr for cars
- Annually 300,000 cars and more than 3 millions motorcycle newly registered (2016-2018)
- Road density: 0.3 km/km2 and 1.12 km/1000 pop.

Sources: NTSC, Vietnam register 2016,
Vietnam National Statistics Office, Other country data for 2010-2014 period 2016

Traffic accident fatalities in Vietnam (2011-2018)



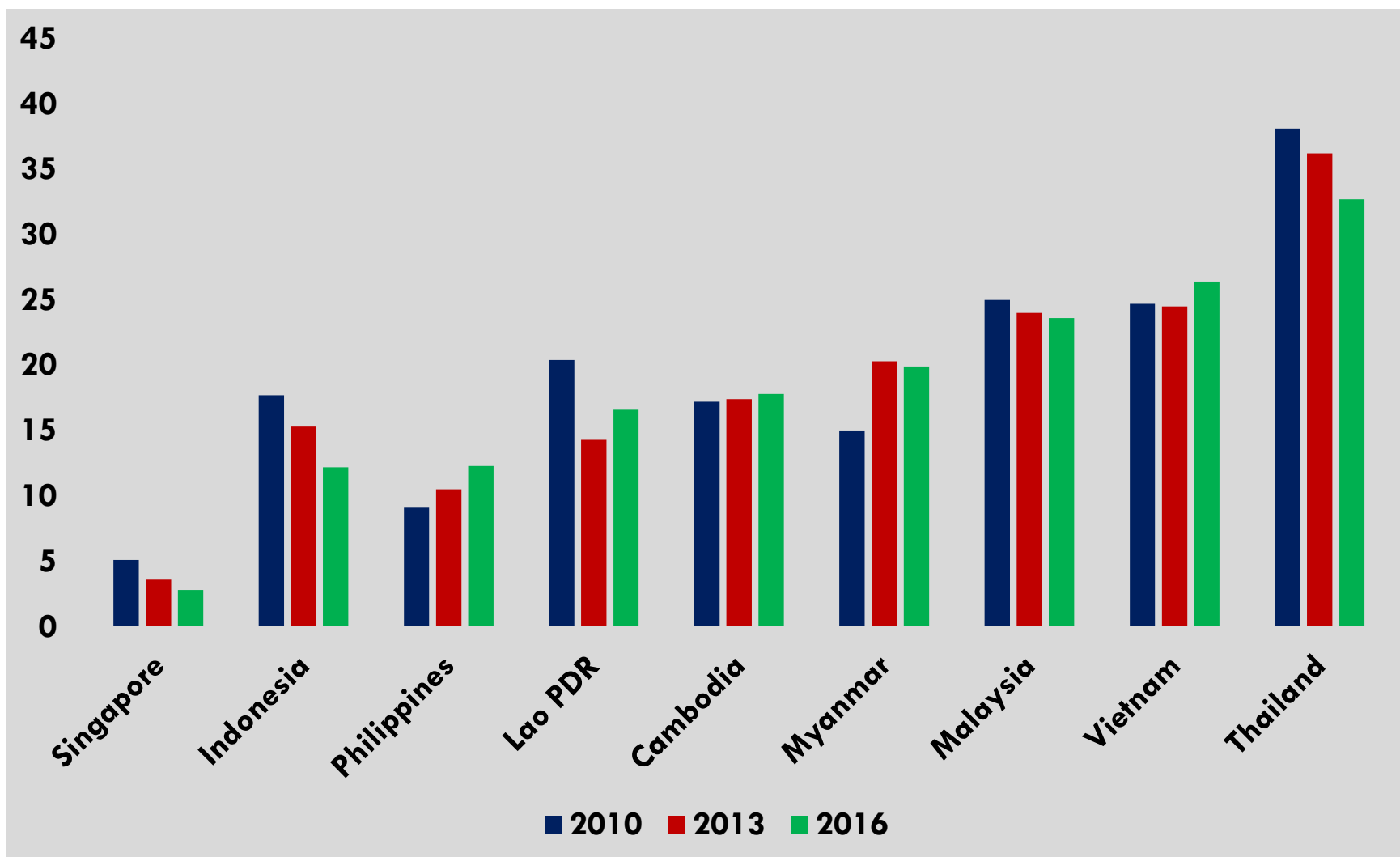
Source: MPS & NTSC 2019

Period 1999-2008:	112,200 person	(11,220 person/year),	
By road crashes:	108,105 person	(10,811 person/year,	96%)
Period 2009-2018:	96,068 person	(9,607 person/year)	
By road crashes:	93,161 person	(9,316 person/year,	97%)

Estimated cost of <u>reported</u> fatalities	VND 28,575 Billion
Estimated cost of <u>reported</u> injuries	VND 15,896 Billion
Estimated total cost of road trauma (conservative)	VND 44,471 Billion USD 1.990 Billion

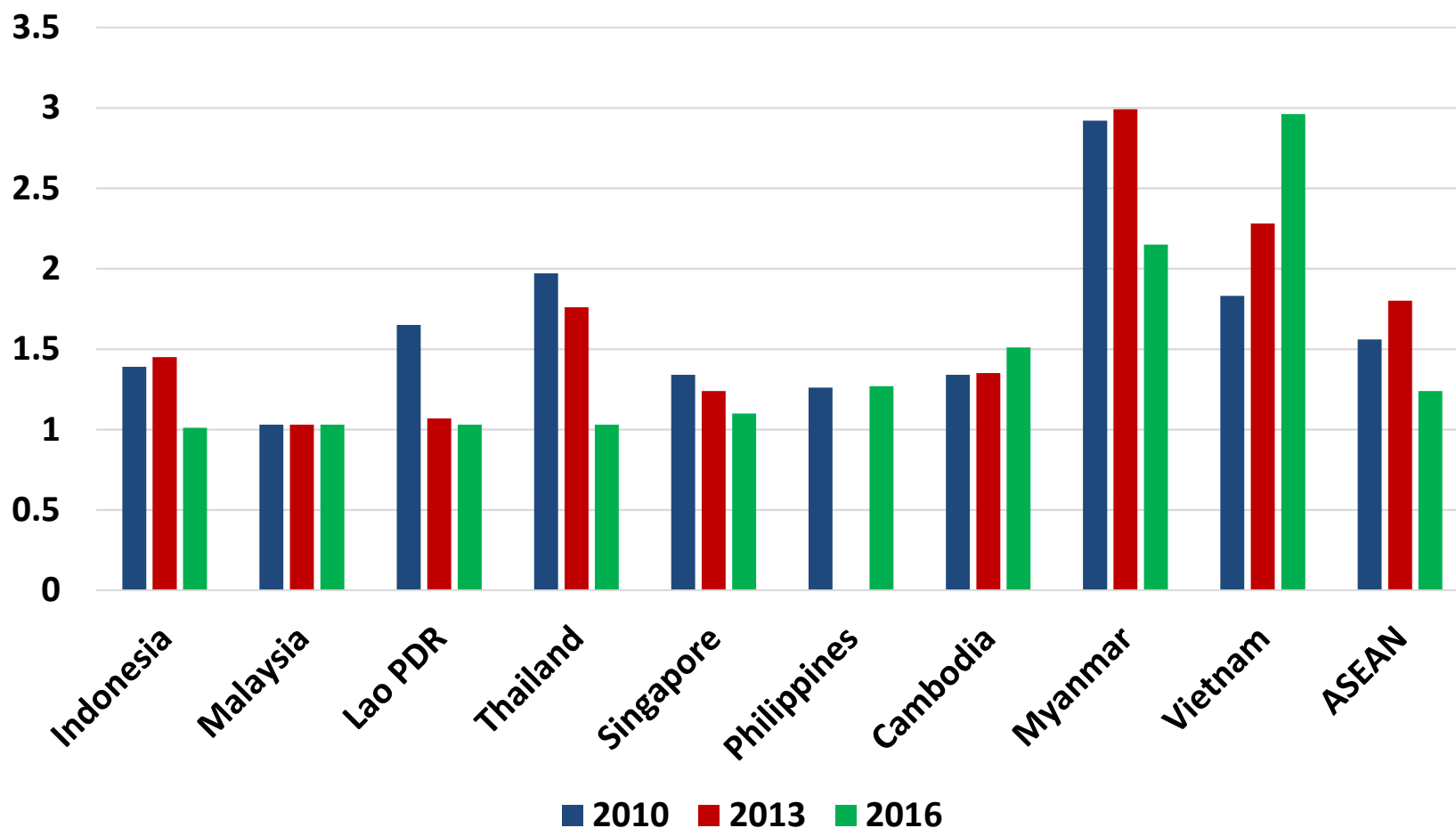
Source and courtesy to: Martin Small, *SOME PERSPECTIVES ON road safety*, 2019

WHO estimated fatalities per 100,000 population, ASEAN



Source and courtesy to: Martin Small, *SOME PERSPECTIVES ON road safety*, 2019

Ratio of WHO estimated fatalities to reported fatalities



Source and courtesy to: Martin Small, *SOME PERSPECTIVES ON road safety*, 2019

(2016) 24,970 fatalities
26.4 fatalities/100,000 pop

(2016): 8,685 fatalities
9.2 fatalities/100,000 pop



Published data



WHO estimated

Increased by 1.88 times due to:

Vietnam

- Unreported accidents
- Use international standard “death within 30 days from crash”

WHO

- estimated using a binary logistic model
- would adjust the model coefficients to the local context (said Nov 2015)

Sources: Vietnam National Traffic Safety Committee 2018
WHO Global Status Report of Road Safety 2018

Facts & Figures

Accident Statistics Issue!



Two coaches crash, each has 45 seats

Traffic Police

- ❑ **01 accident**
- ❑ Only count dead on site
- ❑ Unreported cases (solved privately)
- ❑ Unable to count serious cases: what happen after going to hospital.
- ❑ Unable to count cases relatives asking to go home to die.

Public Health

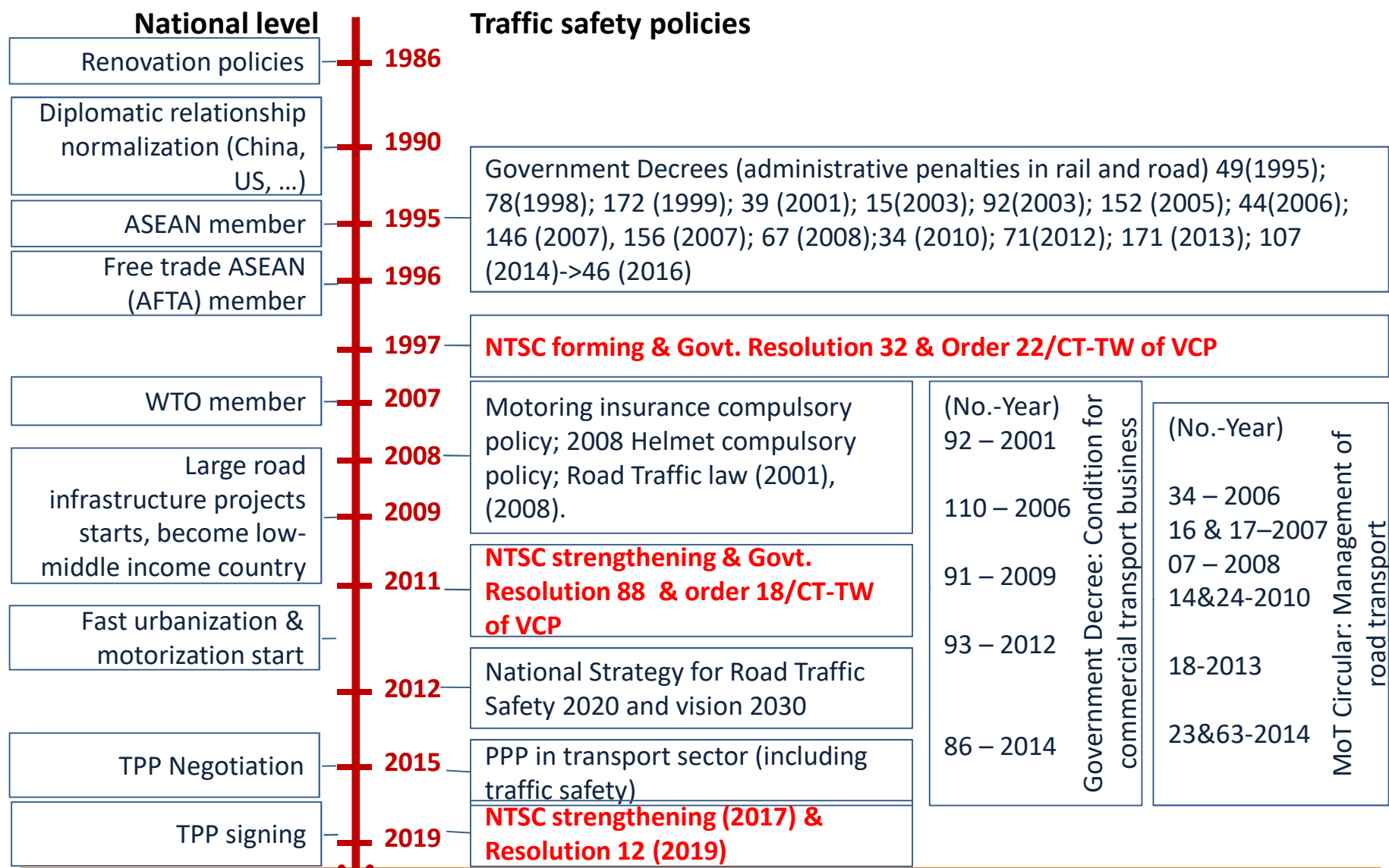
- ❑ **45 x 2 = 90 cases**
- ❑ Uncertified cases: admitted to hospital because of traffic accident but actually not
- ❑ Repeated reporting (commune to district – city – central hospital)
- ❑ Unable to count cases relatives asking to go home to die.

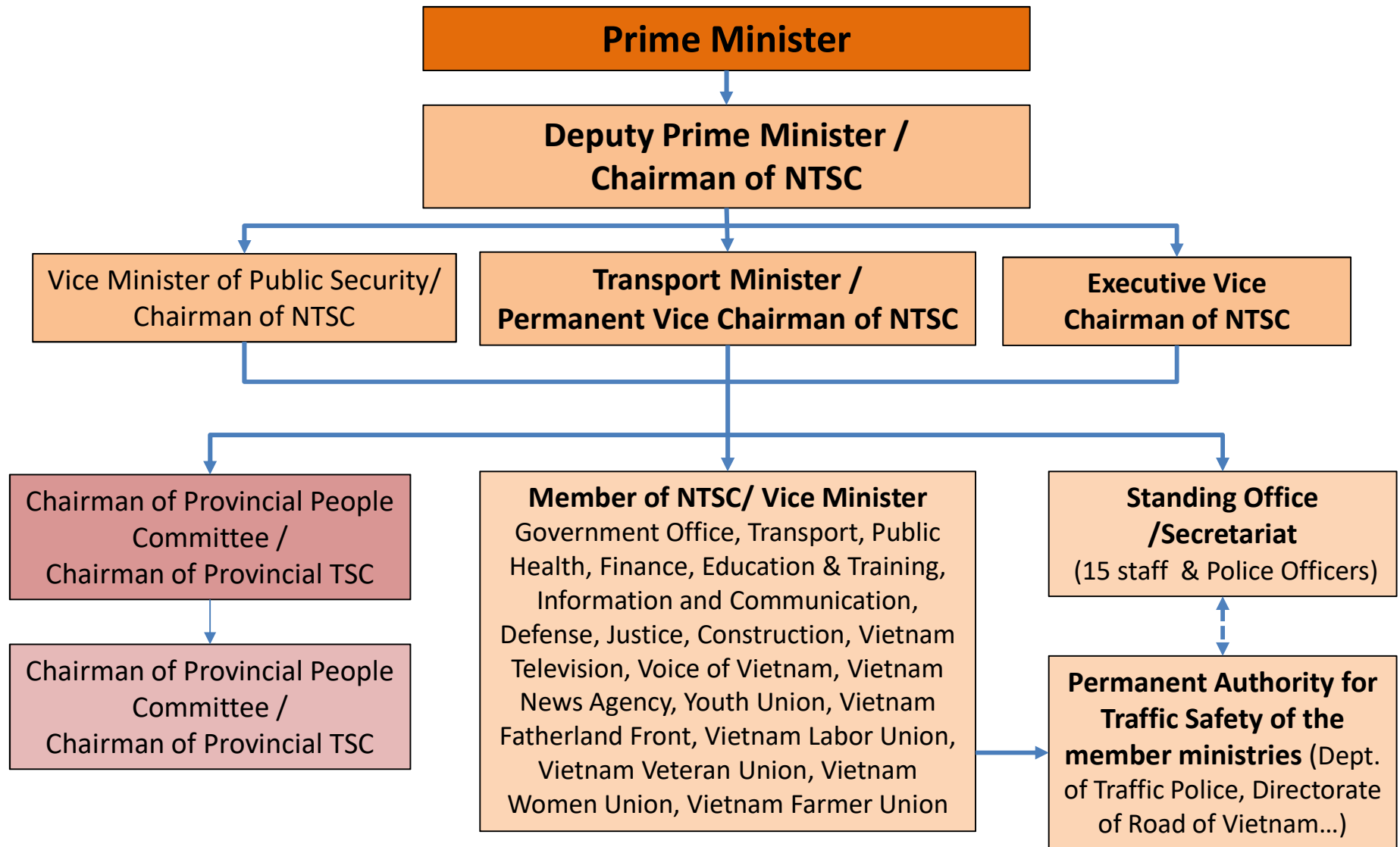
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Some Traffic Safety Management Milestones





1997 Forming

- Chairman: Vice Minister of Transport
- Vice chairman: Vice Minister of Home affairs (Now ministry of public security)
- Members: Vice Ministers of National Defence; Finance; Justice; Education and Training; Director General of People Police Department; Deputy Director General of Civil Aviation Administration of Vietnam; Director General of Transport Department

2011 Strengthening

- **Chairman: Deputy Prime Minister**
- Standing Vice Chairman: Minister of transport
- Vice chairman: Deputy Minister of Public Security
- Executive Vice Chairman: Appointed by Prime Minister
- Members: Vice Ministers of of Transport, National Defence, Public Health, Justice, Finance, Education and Training, Information and Communications, Vice Chairman of Office of the Government, Deputy Director General of Vietnam Television, Voice of Vietnam, Vice Chairman of Central Committee of Vietnam Fatherland Front, Secretary of Ho Chi Minh Communist Youth Union,

2017 Strengthening

- **Chairman: Deputy Prime Minister**
- Standing Vice Chairman: Minister of transport
- Vice chairman: Deputy Minister of Public Security
- Executive Vice Chairman: Appointed by Prime Minister
- **Standing Members:** Vice Ministers of of Transport, Health, Finance, Information and Communications, Vice Chairman of Office of the Government
- Members: National Defence, Justice, **Construction, People newspaper**, Education and Training, Vietnam Television, Voice of Vietnam, **Vietnam news agency**, Vice Chairman of Central Committee of Vietnam Fatherland Front, Secretary of Ho Chi Minh Communist Youth Union, **Vietnam Women Union, Vietnam Veteran Union**

- ❑ **Function:** NTSC is the multi-ministerial coordinating agency, which function is to direct and order, on behalf of the Prime Minister, the ministries, national-agencies and provinces in implementation of national strategies, projects and inter-disciplinary measures to improve traffic safety, order and traffic congestion mitigation nationwide.
- ❑ **Duties (12 main duties):**
 - Proposes to PM the national strategies and action plans on national traffic safety and order improvement; provide guidances to member ministries and provinces in implementation of the approved strategies and plans.
 - Assists the PM to lead the coordination between ministries and provinces in rescue and recovery of hazardous traffic accidents and/or the national traffic safety and order emergent cases.
 - Monitors and supervises the ministries and provinces in implementation of government, PM orders and national traffic safety strategies and projects.
 - Prepares and coordinates member ministries and provinces in implementation of the annual traffic safety campaigning and propaganda plan.
 - Provides guidances for Provincial Traffic Safety Committee to prepare, implement and monitor the annual and long-term provincial traffic safety plan. To request or act on the effective measures to solve the un-expected situation for keeping traffic safety and mitigating traffic congestion.

- Coordinates with the National Committee on Nature Disasters, Searching and Rescue for rescue and recovery of the national hazardous traffic accidents on national highways, national railways and inland-waterways
- Coordinates with Provincial People Committee in leading the rescue and recovery in hazardous traffic accidents and serious long-period traffic jam; propose the preventive measures to avoid the replication.
- Prepares of routine reports to PM and the National Traffic Safety Report of Government to General Assembly Meeting; request the related ministries to analyse and evaluate of situation and causes of traffic accidents and congestions in order to propose the updating and improvement of policies and regulations on traffic safety, order and congestion mitigation.
- Directs and orders the ministries and provinces to implement the pilot projects on new solutions for traffic safety and congestion alleviation
- International cooperation on traffic safety and order.
- Directs and orders the ministries and provinces to study and apply the sciences and technologies in traffic safety and order..
- Mobilizes the non-state-budget funds for supporting the traffic accident victims (and their family) in recovery, community re-integration and development.
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- ❑ National Traffic Safety Committee:
 - Conducting a Study on Comprehensive National Traffic Safety Observatory, which can integrate and share between traffic safety related databases of member ministries
 - Preparing a Traffic Safety Report Regulations for member ministries and provincial traffic safety committee
- ❑ Ministry of Public Security:
 - Improving and issue regulation on traffic accident statistics and accident data sharing
 - Building national database for traffic accidents and traffic violations.
- ❑ Ministry of public health: Building national database of dead and injuries
- ❑ Ministry of transport:
 - Building national database of transport infrastructure networks
 - Improving and sharing database of commercial vehicle monitoring system
 - Improving and sharing database of vehicle inspection system

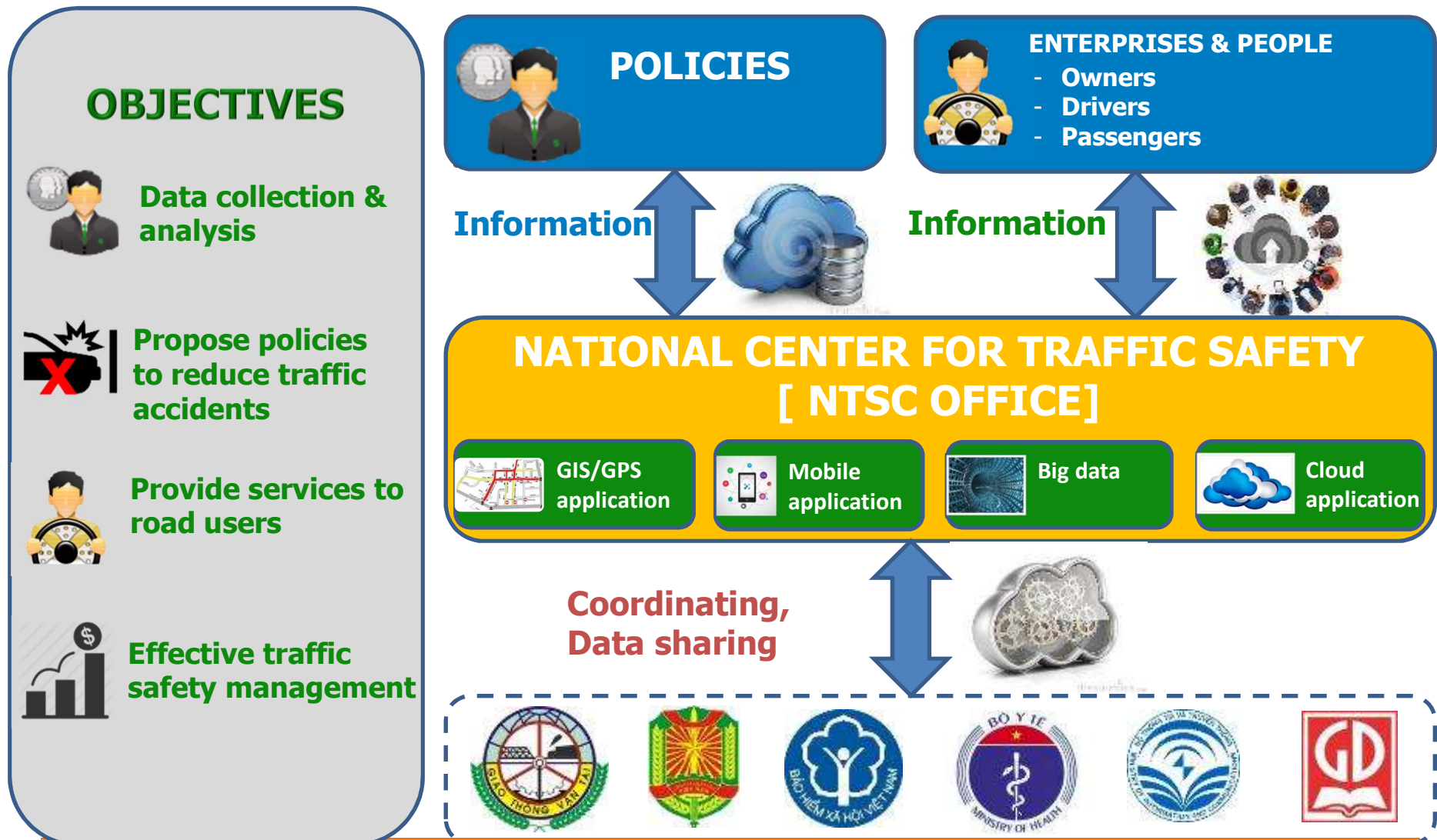


❑ Activity Summary:

1. Assist NTSC in assessing the current National Road Safety Strategy and Action Plan for Vietnam and provide guidance on updating the new one;
2. Institutional capacity review;
3. Review of existing data collection process;
4. Capacity building planning;
5. Consultation process;
6. Workplan for the NRSO.

❑ Tentative Missions planned:

1. October 2019;
2. February-March 2020;
3. June-July 2020.



Deliver the seven institutional management functions:

1. Maintain an unrelenting focus on safety results, and strategies to achieve them
2. Coordinate the contributions of various government and non-government actors
3. Review and promote effective change in legislation, standards and rules
4. **Promote a safe system response to the road safety crisis**
5. **Raise safety funds and allocate them efficiently**
6. **Monitor results and evaluate projects**
7. **Learn by doing – research, development, and knowledge transfer**

Source and courtesy to: Martin Small, SOME PERSPECTIVES ON road safety, 2019

Main directions to Traffic Safety Strategy 2030 (12th Res.)



1. Revise, improve laws/regulations/strategies/national & provincial plans related to traffic safety and congestion mitigation.
2. Improve education, training and awareness campaigns on traffic safety regulations and build up traffic safety culture.
3. Enhance the governance of road traffic safety (including capacity).
4. Speed up construction, ensure quality and safety for transport infrastructure network
5. Improving capacity, quality, safety and restructuring of transport market to reducing the dependence on road transport in urban areas and national corridors
6. Promote the application of high technologies in road safety management a commercial transport operation
7. Implement comprehensive measures to reduce the usage of individual motorized vehicles in order to mitigate traffic congestion and improve safety.
8. Supervise and control urban and industrial zone development compatible to road infrastructure capacity.



**What should we do more to develop and maintain
an **Effective NRSO**?**

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Thank you very much for your kind attention!