Killing the Silent Killer
Traffic Accidents

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Objective

Top 10 Causes of Deaths in 2017 (in millions)
Source: Global Health Data Exchange (2018)

- Road incident is the leading cause of death for children and young adults aged 5–29 years.

Outline
- Current Situation
- Findings
- Recommendations
ASEAN has the second highest rate of road traffic death. → Traffic accident becomes a remarkable issue that the government of ASEAN countries has to deal with.
Findings

- Thailand, Cambodia, and Indonesia have 70% of road fatalities involved motorcycles 2 and 3-wheelers.

➔ Substandard quality of infrastructure
Findings

- 80% of ASEAN countries has **inadequate enforcement of legislations** on drink-driving, seat-belt wearing, speed limits, and helmets.
  → Underappreciated traffic laws
  → Insufficient impact on accident prevention

ASEAN Law Enforcement Point in 2016
Findings

- ASEAN is suffering from a **low public educational level**.
  ➔ Deficient awareness of road accidents and its hazard

ASEAN lower-secondary completion rate of relevant age group in 2016
Recommendations

1. Promoting public transportation

By implementing more night buses in 2007, Israel has
- 37% decrease in accidents involving young drivers
- 24% decrease in injuries resulted from the accidents

(Sadot 2019)

But how to promote public transport?

- Restricted number of registered vehicles per person
- More privatization of public transportation
2. Strengthen Law Enforcement

- **Primary Law Implementation**

Allowing police patrols to stop a vehicle for observed violation of 4 risk factors with no other traffic violations required.

- **Enforcement Automation**

Equipping more speed cameras along with appropriate penalties to reduce the rate of neglected misconduct.

Seat belt use before and after enactment of primary laws in 11 US States (Cohen & Einav 2001)
Recommendations

3. Enhance Education for the Youth

To develop a well-structured program, 4 things need to be taken into consideration:

- Small and clearly defined objective
- Age-appropriate and interactive content
- Data collection technique
- Evaluation method.

Children’s Traffic Safety Education in Beijing (2010)


