INTRODUCE THE OUTLINE OF VIETNAM ROAD SAFETY PERFORMANCE REPORT FROM 2005 - 2015
## I. APPROACHED METHOD

### 1. Ma trận Haddon

<table>
<thead>
<tr>
<th>Phase</th>
<th>Humans</th>
<th>Vehicles and Equipment</th>
<th>Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pre-crash</strong></td>
<td>Pre-crash</td>
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<td><strong>Prevent crash</strong></td>
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<td></td>
<td>• Information</td>
<td>• Roadworthiness</td>
<td>• Design and road layout</td>
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<td></td>
<td>• Attitudes</td>
<td>• Lighting</td>
<td>• Speed limits</td>
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<td></td>
<td>• Police Enforcement</td>
<td>• Braking</td>
<td>• Pedestrian facilities</td>
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<td></td>
<td>• Impairment</td>
<td>• Speed Management</td>
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<td><strong>In crash</strong></td>
<td>In crash</td>
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<td></td>
<td><strong>Injury Prevention during crashes</strong></td>
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<td></td>
<td>• Use of restraints</td>
<td>• Occupant restraints</td>
<td>• Crash – protective roadside objects</td>
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<td></td>
<td>• Impairment</td>
<td>• Other safety devices</td>
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<td></td>
<td></td>
<td>• Crash – protective</td>
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<td></td>
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<td>road design</td>
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<td><strong>Post-crash</strong></td>
<td>Post-crash</td>
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<td><strong>life Sustaining</strong></td>
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<td>• First aid skills</td>
<td>• Ease of access</td>
<td>• Rescue facilities</td>
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<td>• Access to medics</td>
<td>• Fire risk</td>
<td>• Congestion</td>
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</tbody>
</table>

Executing: UNECE – CO-operating Agencies: ESCAP, ECLAC  
Partner: Department of Traffic Safety -MOT
2. 4Ss

- Engineering
- Emergency
- Education
- Enforcement

ROAD SAFETY
3. Five pillars of Resolution No. A/64/255 by the General Assembly

Road safety management  Safer road users  Safer road and mobility  Safer vehicles  Post - crash response

ROAD SAFETY

Executing: UNECE – CO-operating Agencies: ESCAP, ECLAC  Partner: Department of Traffic Safety -MOT
4. Approach following the human’s bearability
II. OUTLINE CONTENT

1. General introduction about Viet Nam
   a. Population and demographic
   b. Topography, climate and geography
   c. Energy consumed in transport

2. Review of legal and administrative framework for road safety in Viet Nam
   a. Legal framework for road safety
   b. Transposition of international regulations and agreements for road safety
   c. Institutional setup for road safety
3. Road safety trends in the last decade
   a. Collect the road safety data and analysis the data 2005 -2015
   b. Road infrastructure
   c. Road vehicle fleet
   d. Road safety indicators
      - Absolute indicators: number of accidents, fatalities and injured.
      - Relative indicators: number of fatalities per 100,000 population, number of fatalities per 10,000 motor vehicles;
       Analysis the traffic accident by: traffic vehicle type; age, type of road, region; gender; duration, offense.
- Helmet using, seat belt wearing, child restraint use
- Social cost of road accidents (%GDP).
- Spending on road safety.
e. Assessment of availability and reliability of road safety data.

4. Assessment of road safety (following 5 pillars of the Global Plan for the Decade of Action for Road Safety)
   a. Road safety management
      - Strategic framework
      - Inter-institutional coordination
      - Policy of funding and resource allocation
      - Promotion solutions
      - Research deeply in revising the road traffic law (related to the traffic safety).
b. Safe roads and network
- Road standards, road signs and signals, and ITS deployment.
- Road infrastructure safety management.
- Research deeply in road safety audit.
c. Safe vehicle
- Vehicle standards and vehicle import.
- Technical inspection and road side checking.
- Fleet management
- Transport of dangerous goods.
d. Safe road user behavior
- Driver’s training and education of road users (training road traffic safety in school).
- Driver’s license; regulation of professional drivers, vulnerable road users.
- Enforcement
- Drinking and driving

e. Post-crash care
- Post-crash trauma care
- Insurance

f. Urban public transport
- Accessibility, Safety.
5. Assessment of road safety policy scenarios
6. Conclusions, recommendations

III. ANNEXES
1. Road safety statistics.
2. Relevant national road safety documents.
Thank you!