



### 3. Summary of pre-session

#### *What kind of data collected?*



#### -1. General Information

- Common**
  - Date, time, hour of occurrence
  - Weather
  - Number of fatalities, injuries, vehicles involved
  - Crash type
- Special**
  - Minute (Sri, Jpn)

#### -2. Human

- Common**
  - Age, sex
  - License status, validity, history
- Special**
  - Individual records, Behavioral risks(Thai)
  - Race(Mal)
  - Occupation(Mal)
  - Driver error(drinking)(Sri, Mal)

#### -3. Road & Traffic

- Common**
  - Location, type/shape,
- Special**
  - Surface(condition, type, quality)(Thai, Sri, Mal, Jpn)
  - Pedestrian facilities(Thai, Phi)
  - Roadside asset/ shoulder width, type / obstacles (Thai, Mal, Jpn)
  - Road defect(Mal)
  - Angles, sketch of the crash(Sri, Mal, Phi, Jpn)
  - Length of skid marks(Mal)
  - Control(Thai, Sri, Mal, Jpn)
  - Speed limit (sign)(Sri, Mal)

#### -4. Vehicle

- Common**
  - Ownership, registration
- Special**
  - helmet(Sri), Seat belt(driver)(Sri, Mal), Child seat(Sri)
  - defect / modification(Mal)
  - Cost(damage / property)(Mal)

#### -5. Injury

- Common**
  - site of injury, cause of death
- Special**
  - pre-hospital, emergency room(Thai)
  - Pedestrian location(Mal)

#### -6. others

- Suspected Factors, Main cause / pre crash factors(Thai, Sri, Phi, Jpn)



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#### *How to collect data and Who manage the data?*

	Thailand	Sri Lanka	Bangladesh	Malaysia	Philippines	Japan
<b>Police</b>	○	○	○	○	?	○
<b>Hospital</b>	○	○	○	?	?	
<b>Insurance company</b>	○	○	?	?	?	
<b>others</b>	<ul style="list-style-type: none"> <li>• Ministry of Transport</li> <li>• Road Victim Protection Company</li> <li>• Ministry of Public Health</li> <li>• Emergency Medical institute of Thailand</li> <li>• National Health Security Office</li> <li>• Ministry of Interior</li> </ul>		<ul style="list-style-type: none"> <li>• Road Transport Authority</li> <li>• Academic Institute</li> <li>• Research Institute</li> <li>• NGOs</li> <li>• Media</li> <li>• Development partners / donor agencies</li> </ul>	Highway operator?  • DRIVER SYSTEM : Data for Road Incident Visualization Evaluation and Reporting • PNP : e-Blotter(electrical form) • DOH : Online National Electronic Injury Surveillance System • LGUs : Disaster Risk and Reduction • MMDA : MMARAS • DPWH : iRAP • PSA : based on mortality rates		MLIT? MLIT? <i>(Ministry of Land, Infrastructure and Transport)</i>
<b>Research / Database</b>	<b>Database :</b> Fatal data Integration system : <i>Integrate MoPH, RTP, RVP</i>		<b>Database :</b> National Road Transport Authority  <b>Research :</b> CIPRB <i>(Center for Injury Prevention and Research)</i>	<b>Database :</b> ①Emergency call, Brief Accident data ②Highway ③Police Report, Investigation Report, Police Accident Report ④Mirror of Police Data set, In-depth Crash Data	<b>Database :</b> DRIVER SYSTEM  • PNP • DOH • LGUs • MMDA • DPWH • PSA	NPA <i>(National Police Agency)</i>  ITARDA <i>(Institute for Traffic Accident Research and Data Analysis)</i>

- ① MERS999 Database
- ② Highway Operators Database
- ③ Traffic Police Traffic Accident Database system
- ④ MIROS Database



### 3. Summary of pre-session

#### What kind of data collected?

Common

General information : time, location, type, number of victims, driving license, vehicle type

Difference

- Pedestrian information : facilities / phi
- Road side information : obstacles / Jpn
- Road defect / Mal
- Angles, sketch / Sri, Mal, Phi, Jpn
- Safety equipment : helmet, seat belt, child seat / Sri, Mal
- Vehicle's defect, modification / Mal
- Suspected factors, Main cause, pre crash factors / Thai, Sri, Phi, Jpn
- pre-hospital, emergency room / Thai

#### How to collect, Who manage the data?

Common

Mainly police dept. collect and manage data

Difference

- + Hospital / Thai, Sri, Ban
- + Insurance company / Thai, Sri
- + Fatal Data Integration System / Thai
- + Academic, Research, NGOs, Media, Development partners and donor agencies / Ban

#### Past / existing problems

- No information on vehicles in the format
- No specific sections to add who was completely responsible for accidents, to add the main cause / Ban
- Lack of integrated database systems / Phi

#### Countermeasures already introduced

- Include crash data into training and education programs / Sri
- Enforcement of regulations, helmet, seat-belt, drink-driving, speed, child restraint and anti distracted / Phi
- Building systems under support from ATRANS / IATSS / Mal  
*Management and analysis on crash data*  
*Crash data collection system*  
*Mechanism and platform like IRTAD for Asian Countries*