

# GRSP/ASIA Road Safety Seminar 2009

## *“Towards A Decade Of Action”*

Singapore  
7<sup>th</sup> and 8<sup>th</sup> October, 2009

## Evaluation Report

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**MAKE ROADS SAFE**  
DECADE OF ACTION

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## Executive Summary

The National Safety Council Singapore and the Global Road Safety Partnership (GRSP) co-hosted the 2009 GRSP ASIA Road Safety Seminar in Singapore from 7th to 8th October 2009. The representatives were from all 10 ASEAN countries and 11 other countries who came together to contribute, share and look at ways to work together to strengthen road safety initiatives in and around the region.

The seminar was generously supported by GRSI members: Ford, General Motors, Shell, Michelin, Renault, Toyota and Honda. Global Transport Knowledge Partnership (gTKP) and International Road Assessment Programme (iRAP) also supported the event.

The theme for the seminar was “Towards a Decade of Action”, with the aim of ushering in the next decade with actions that encourage political and resource commitments, both globally and nationally, to reduce the number of people being killed and seriously injured on the roads. The theme also highlighted the importance of taking sustainable actions and the value of continued cooperation and collaboration across various sectors in the region.

The objectives of the GRSP/ASIA Road Safety Seminar 2009 were to:

- strengthen efforts to reduce road trauma and to expand networks to share information, good practice and knowledge
- identify actions that will contribute to ‘A Decade Of Action’ in road safety.

The two-day seminar began with background presentations to three dominant themes that were threaded throughout the seminar. These presentations led into three concurrent workshops on the first day with the speakers being key road safety experts and practitioners:

- (i) Good Practice in Data Systems
- (ii) The Role of Infrastructure
- (iii) Good Practice in Occupant Restraints.

**Good Practice in Data Systems** explored the importance of establishing and using best practice data systems and how data is used to improve road safety.

The workshop on the **Role of Infrastructure** examined data and explored case studies demonstrating how a sound investment in infrastructure has an impact on the reduction of road crashes around the world. There were also updates on global strategies that have been used to improve road safety infrastructure as part of a safer systems approach.

The **Good Practice in Occupant Restraints** session explored initiatives carried out in various countries around the region relating to occupant restraint legislation, compliance and enforcement issues. An overview of the *Seat Belts and Child Restraints Good Practice Manual* was given.

The second day of the GRSP Seminar focused on the following clusters of presentations:

- (i) Global Road Safety Studies (GRSS)
- (ii) Capacity Building in the "Decade of Action", and
- (iii) Global and Regional Updates.

The presentation on **Global Road Safety Studies (GRSS)** outlined a potential way forward to build the capacity of road safety stakeholders to locally manage and undertake best practice road safety. The presentation proposed a comprehensive certificated course of study in a number of areas of road safety. This presentation was later followed by a simple needs analysis exercise through small group discussions. The report of these discussions is dealt with in a separate document.

A presentation on **Capacity Building in the "Decade of Action"** displayed an in-depth study of the Global Report, *Young People Death and Injury. Directions for Action to Reduce Child Road Trauma*. As the title of the report suggests, the speaker examined the levels of injury and patterns, risk factors, interventions and recommendations to reduce the vulnerability of children and young people when they are road users. The speaker then provided potential strategies for addressing the problem and posed many questions about what is currently being done in this area and commitment to make changes.

**Global and Regional Updates** provided information and progress reports on road safety projects and events around the globe. In essence it encapsulated the initiatives that will underpin the "Decade of Action".

The seminar served as a great platform in providing updated information and establishing strong networking among members of the road safety community. It met the expectations and objectives of all country delegates in relation to settings, organisation of seminar and topics/contents. One of most significant reported benefits of the seminar was the opportunity for all to reach out and share ideas, knowledge, experiences and awareness on vital issues pertaining to road safety.

In general, the GRSP Asia Seminar was considered by all to be a resounding success. It has certainly become an event that road safety people in the region look forward to. The engagement, support, encouragement and commitment from sponsors, governments, participants and various organisations were very pleasing. It was noted that this activity meets one of the expectations within the *ASEAN Regional Road Safety Strategy and Action Plan (2005-2010)* and with the establishment of the *ASEAN Multi Sectoral Road Safety Working Group* the event will provide an even more important focus point for the region.

Largely participants were very satisfied with their experience at the seminar and commended the organisers for a job well done. They came to realise the significant role they can play as we all work towards a "Decade of Action" in road safety. Many are looking forward to the implementation of Global Road Safety Studies (GRSS) in the near future.

## **Recommendations**

Information for this report is derived from three major sources:

- Survey evaluation
  - Suggestions and comments provided to conference organisers
  - Post seminar debrief by the organisers.
1. That the GRSP Asia Road Safety Seminar continues to be held annually.
  2. As this event requires a large financial commitment, a review of how this event is to be funded should be explored.
  3. As the number of participants attending increases the potential to communicate throughout in a language other than English needs to be considered.
  4. Time allocation for each keynote speaker and workshop presenters be extended so that more detail and information can be shared on each chosen theme.
  5. The program be advertised on the website at the time registration open and that abstracts of the presentations to be available in advance for ease of reference, viewing and understanding prior to attending the seminar.
  6. Consider making the presentations available on line or through video. Only those who attend have access to these multi media presentations to ensure that attendance at the seminar is not adversely impacted upon.
  7. Add to an already informative website information about: alternative recommended accommodation for self funded participants; information about who gets funded and who doesn't; links to sites that can help visitors to arrange a tourism event around the edges of the seminar; maps of the vicinity of the event.

# 1. Introduction

The Global Road Safety Partnership (GRSP) supported the GRSP/ASIA Road Safety Seminar which was held in Singapore on the 7<sup>th</sup> and 8<sup>th</sup> October 2009.

The Government of Singapore and the Singapore National Road Safety Council were the co-hosts of the 2009 Seminar. The theme of the Singapore seminar was “Towards A Decade Of Action”.

The seminar was generously supported by GRSI members: Ford, General Motors, Shell, Michelin, Renault, Toyota and Honda. Additionally, the Global Transport Knowledge Partnership (gTKP) and the International Road Assessment (iRAP) supported the seminar.

The GRSP road safety seminar saw the confluence of ideas, strategies and action plans from various participants to address the challenges in road safety particularly in the Asian region.

## 2. Theme and Objectives

The theme of the seminar was “Towards A Decade Of Action”. This theme was chosen as the international road safety community and was hosted in Moscow in November 2009 to commit to a decade of action to address the unacceptable levels of road trauma, particularly in low and middle income countries. The theme aimed to highlight the importance of expanding networking among nations of the region in achieving sustained road safety interventions. This includes emphasising efforts in continued cooperation and collaboration of various sectors within and across nations to explore and share road safety best practices.

Developing a generation that is equipped with road safety knowledge and education was also acknowledged as one of the actions to bring about effective road safety interventions and to reduce deaths and injuries on the roads.

The objectives of the 2009 seminar were to:

- a) strengthen efforts to reduce road trauma and to expand networks to share information, good practices and knowledge
- b) identify ways to contribute to “A Decade Of Action”.

### 3. Participants

There were 204 international participants at the seminar. The majority of participants came from all 10 ASEAN countries with others from India, China, Japan, Canada, France, Germany, UK, US and Australia.

Singapore recorded the biggest number of participants largely because it was the host country, followed by Vietnam, Malaysia and Australia.

<b>Attendance By Country</b>	<b>Fully Funded</b>	<b>Self Funded</b>
Australia	2	13
Bangladesh	1	1
Brunei	3	0
Cambodia	6	1
Canada	0	1
China	8	3
France	0	1
Germany	0	1
India	0	4
Indonesia	5	3
Japan	0	1
Laos	4	1
Malaysia	12	12
Myanmar	3	0
Philippines	3	9
Singapore	48	7
Switzerland	2	0
Thailand	7	3
UK	1	1
USA	0	2
Vietnam	11	24
<b>Total of Attendees:</b>	<b>116</b>	<b>88</b>

## 4. Programme

The seminar began with a silent prayer to pay respect to the victims of the recent natural catastrophe in the Asia region.

*(Refer Appendix 1 for Programme)*

### 4.1 Activity on Day 1

The activities for the first day were as follows:

- Opening, introductory and welcome speeches (Robert Klein, Mr Tan Jin Thong and Permanent Secretary of Ministry of Transport, Singapore)
- Presentations
  - Global Status Report: Asia (Dr Krishnan Rajam)
  - Infrastructure Investment for “A Decade of Action” (Rob McInerney)
  - Good Practice Manual: Data Systems (Jon Passmore)
  - Good Practice Manual: Occupant Restraints (Saul Billingsley)
- Good Practice in Data Systems (Ian Hughes & Jon Passmore)
  - Using Data to Set Road Safety Targets (Eric Howard)
  - Behaviour and Attitude Data Systems – Indonesia (Professor Siti Malkamah & Besty Ernani)
  - Comparative Data Systems (Blair Turner)
  - Success Factors in Implementing Large-scale Accident Data Systems - A Case Study of Tamil Nadu Road Safety Management System Project (Subu Kamal)
  - Exploring the Data Manual Around the Region - "Talking Data" (Somnuk Mehtakul & Boran Pen)
- Role of Infrastructure (Rob McInerney)
  - A Safe System: The Design Challenge (Blair Turner)
  - The Role of Infrastructure in a Decade of Action for Road Safety (Greg Smith)
  - iRAP Malaysia: From Plan to Action (Professor Farhan)
  - China Road Safety Strategies & iRAP China Update (Zhang Tiejun)
  - Australian Road Safety Strategies (Eric Howard)
  - AusRAP Update (Peter Daly)
  - iRAP Vietnam & the Vietnam Road Safety Master Plan (Le Minh Chau)
- Good Practice in Occupant Restraints (Gayle Di Pietro & Saul Billingsley)
- Cost of Accidents (Md. Mazharul Haque)
- Engineering Road Safety in Singapore (Ho Seng Tim)

All workshop sessions concluded on time and participants later gathered at the main ballroom for a question and answer panel discussion.

In the evening, participants walked to the Singapore Flyer where the group photography session took place. GRSP and the National Safety Council of Singapore hosted the dinner and the evening ended with a ride on the Singapore Flyer.

## 4.2 Activity on Day 2

The activities for the second day were as follows:

- Opening Remarks (Ian Hughes)
- Developing Human Resources for a Decade of Action: Introducing Global Road Safety Studies (GRSS) (Robert Klein)
- Break out Discussion Groups on Global Road Safety Studies. (Professor Jeremy Davey & Dr Kerry Armstrong)
  - Introduction to Road Safety (Gayle Di Pietro)
  - Safe Road User Behaviours (Ray Taylor)
  - Vehicle Factors and Road Crashes (Alan Ross)
  - Road, Traffic and Environment Factors in Road Crashes (Professor Farhan)
  - Road Safety Traffic Policing (Ray Shuey)
  - Risk Factors, Countermeasures, Research, Evaluation, Monitoring and Data Systems (Ian Hughes)
  - Road Safety Management (Eric Howard)
- Panel Discussion / Report Back (Professor Jeremy Davey)
- Directions from the Global Report on "Young People Death and Injury and Directions for Action" to Reduce Child Road Trauma (Ian Scott)
- Global and Regional Updates
  - APEC Projects and Events (Robert Klein)
  - UNESCAP Projects and Events (Thanattaporn Rasamit)
  - Ministerial Summit Moscow and Decade of Action Events and Progress (Saul Billingsley)
  - IRTAD in Asia (Eric Howard)
- Closing (Robert Klein & Mr Tan Jin Thong)

A presentation was provided after the GRSS discussion to provide a brief overview of perspectives.

Presentations are available on the Seminar Website: [www.grspasia.org](http://www.grspasia.org)

## 5. Evaluation and Purpose

Participants were invited to provide overall feedback on the seminar and the break-out session they attended. The seminar programme and evaluation questionnaires were combined in a booklet for the participants' convenience. It was intended for ease of reference and recalling various sessions attended throughout the seminar. The purpose of the seminar evaluation was to provide an insight on the effectiveness of the sessions along with recommendations for future improvements. Participants were reminded to complete the evaluation booklet progressively at the end of each session.

In addition, a headcount observation was conducted to gauge the attendance of the participants in various sessions. This observation was helpful to the organisers, particularly for future funding support purposes.

## 6. Method of Evaluation

Data collection was undertaken using a survey with a mix of open and closed questions.

*(Refer Appendix for Evaluation Booklet)*

### 6.1 Survey

There were 4 sections to the evaluation questionnaire:

- i) Pre-seminar – evaluation on seminar's expectations and the efficacy of registration (website and hotel)
- ii) Day 1 – evaluation on opening presentations, the workshop(s) attended and panel summary
- iii) Day 2 – evaluation of Global Road Safety Studies (GRSS) and the sessions' presentations
- iv) Overall Evaluation – evaluation of the entire seminar (meeting expectations), organisation of seminar and contribution to "A Decade of Action".

*(Refer Appendix 2 for Evaluation Form)*

The evaluation booklets were collected before the seminar concluded. Some participants, preferred to email the evaluation a week after the seminar.

## 7. Findings

Out of the 204 participants who registered for the seminar, there were 116 fully funded and 88 self funded participants (excluding 6 participants from the organising committee).

From the 204 evaluation booklets distributed during registration, only 45 were returned upon the closing of the seminar and another 3 were collected via email, representing a total of 24% respondent rate. The low respondent rate could be due to:

- *Language barrier.* It was observed during the registration that some participants from the Asian countries were not well-versed in English and perhaps they were unable to comprehend the questionnaires. In addition, the questionnaires may have appeared to be too long and time consuming to complete.
- *Combination of seminar programme and evaluation in the form of booklet.* Some participants chose not to return the evaluation booklet simply because it contained the seminar programme and they wanted to keep the copy.
- *Majority of the participants were satisfied.* Participants who did not return the evaluation booklet might have had no qualms about the seminar and found it too trivial to provide feedback.

### 7.1 Pre-Seminar

Participants were asked to comment on a few aspects prior to the seminar. The summaries are as follows:

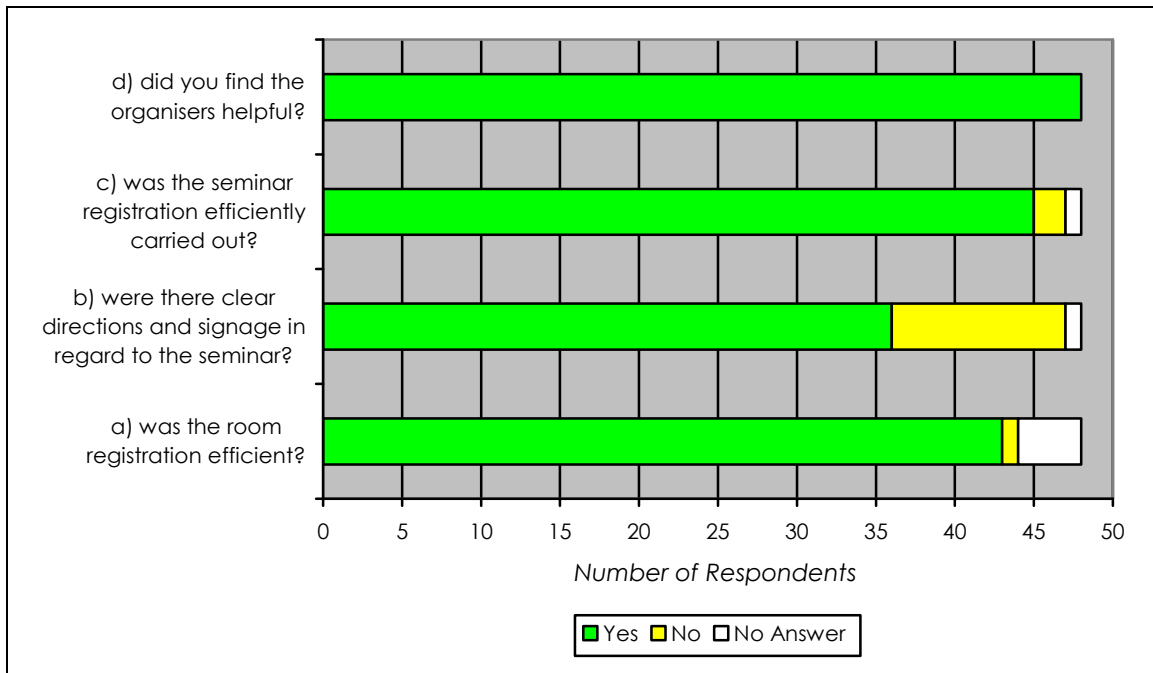
#### 7.1.1 Expectations & Benefits

A total of 41% respondents expected to gather new knowledge in road safety and updates in the region, particularly the problems and challenges faced by the Asian countries. 25% of the respondents found the GRSP Asia Seminar a great platform to build their road safety network and garner road safety support around the globe. Only a handful of respondents were interested in the Good Practice Guides.

In general, the respondents felt that the GRSP Asia Seminar was beneficial in terms of:

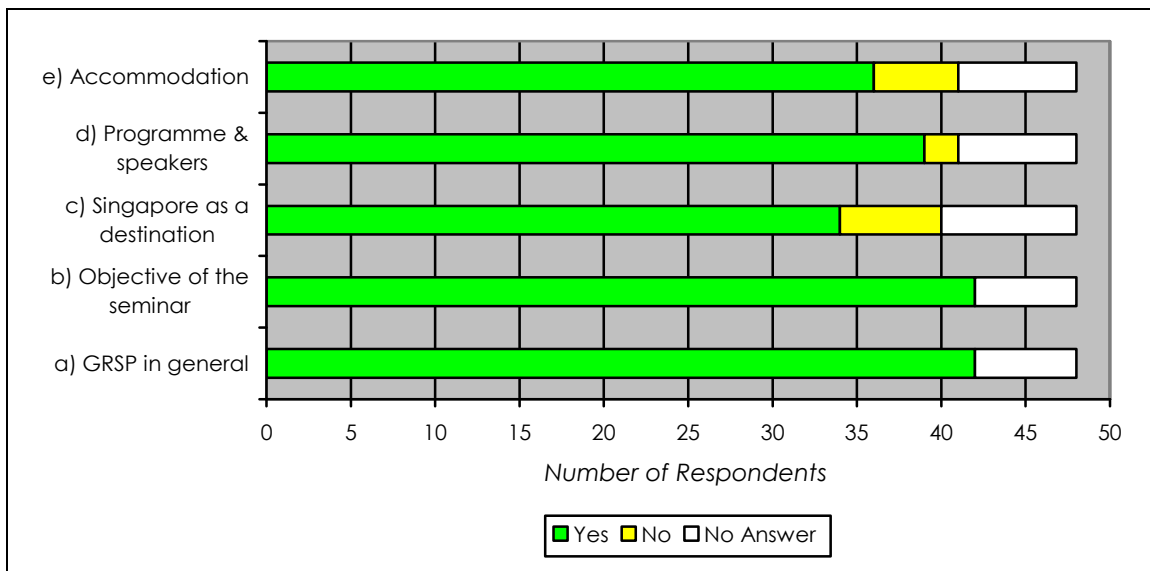
- the ideas and information obtained, pertaining to road safety solutions which could be applied in their organisation or country.
- providing technical assistance, and advice and motivation to carry out road safety work.

### 7.1.2 Arrival at the Seminar Venue



From the above chart, the majority of the respondents were highly satisfied with the organisers including the efficiency and welcome at the seminar registration. However, 6% of the respondents felt that the directions and signage to the seminar were not clear enough. This could be because there were no buntings displayed from the lobby to the seminar registration counter as it was prohibited by the hotel.

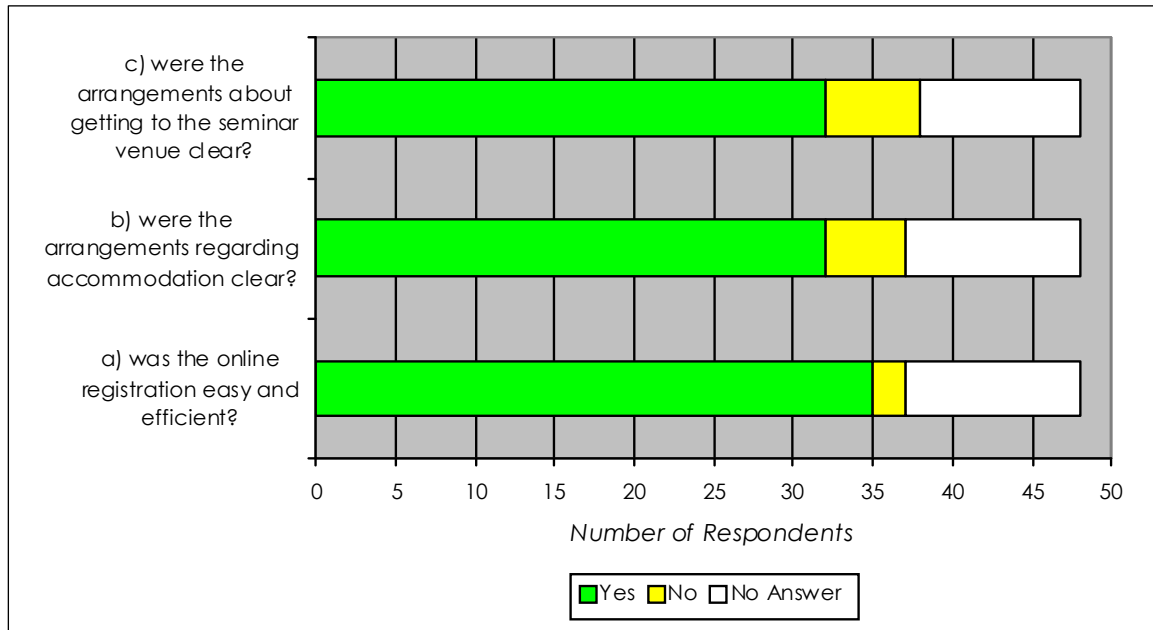
### 7.1.3 General Info on Seminar Website



The majority of the respondents were satisfied with the contents of the website, yet 12% felt that some information was lacking especially pertaining to accommodation, programme and speakers as well as some background on Singapore as a tourist destination. This comment was true until quite close to the seminar.

It is recommended to lock down the program and speakers with a longer lead-time before the seminar. Participants would be better informed and look forward with eagerness.

#### 7.1.4 Registration Through Seminar Website



Generally, most of the respondents found the online registration through the seminar website satisfactory. Only a total of 6 respondents felt that the instructions pertaining to the arrangements about getting to the seminar venue was unclear.

#### 7.1.5 Additional Information

The respondents would like the future seminar website to include the following:

- i) Abstract of each presentation
- ii) Images and video clips of road safety initiatives in the region
- iii) More information on accommodation eg: price and availability
- iv) Location map surrounding the seminar hotel
- v) Presentation materials
- vi) A list of contact details of participants
- vii) Video recording of presentations

A few respondents requested for the presentation materials to be uploaded on to the website prior to the seminar despite being informed that it will be uploaded within a week after the end of the seminar. 5% of the respondents chose not to register through the seminar website due to the following reasons:

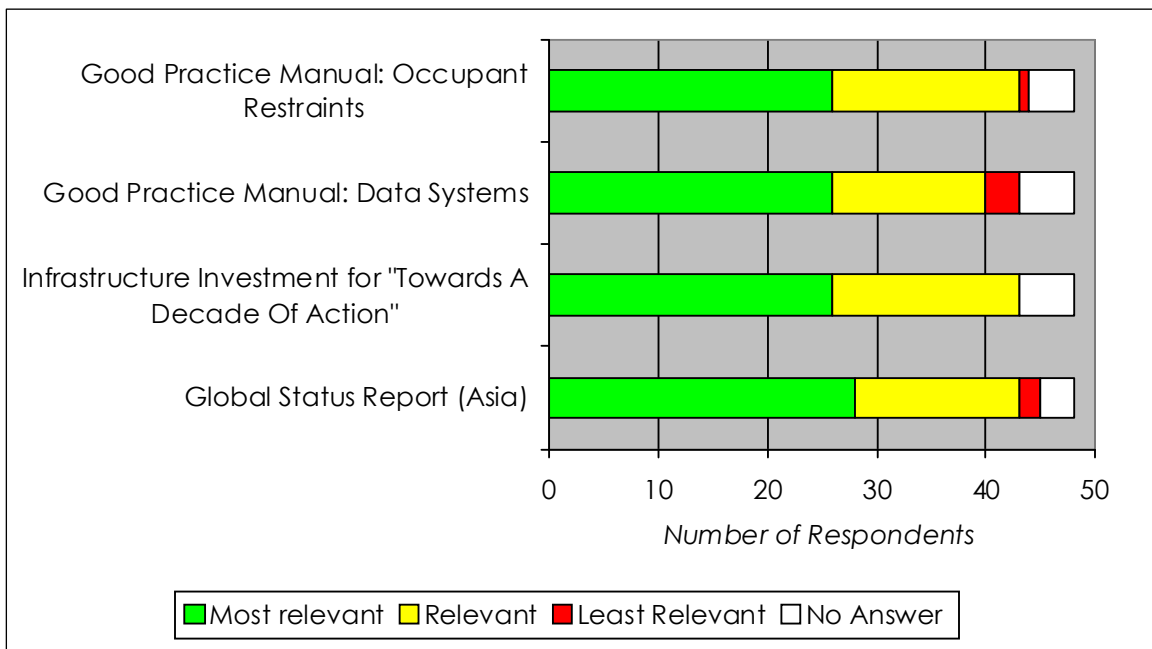
- i) no instructions from GRSP about support for the conference
- ii) not clear about accommodation arrangements
- iii) internet connection problems

**Recommendation:**

If presentations (written and video) were available online, there may be no need for people to attend the seminar and networking opportunities would be lost. Therefore, it is recommended that only attendees be able to access online presentations after being issued with a password at the seminar.

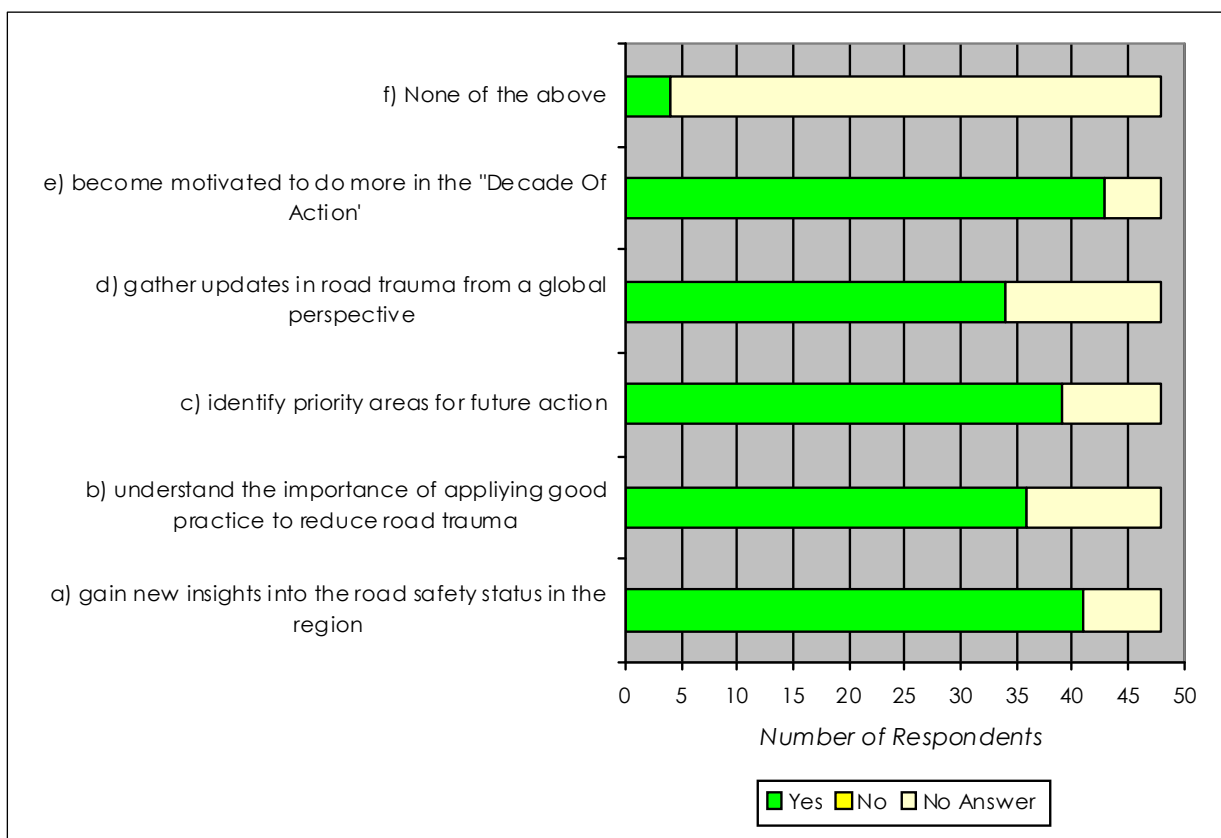
## 7.2 Day 1

### 7.2.1 Session 1: Opening Presentations



There were 4 opening presentations on the first morning. Generally, participants found that these presentations were relevant to them and their work because they provided updates and valuable information and awareness on the current practices in the region.

A total of 28 respondents ranked Global Status Report (Asia) as most relevant as it provided the latest regional updates on the statistics in relation to road crashes. 26 respondents felt that the Good Practice Manual (Occupant Restraints) and Infrastructure were most relevant as these topics are highly prioritised in their countries. Overall, participants felt that the presentations helped in providing valuable insights in reducing road crashes.



The opening presentations were seen to be very helpful in giving road safety ideas/facts and setting a benchmark in the region. 43 respondents particularly felt motivated after listening to the presentations.

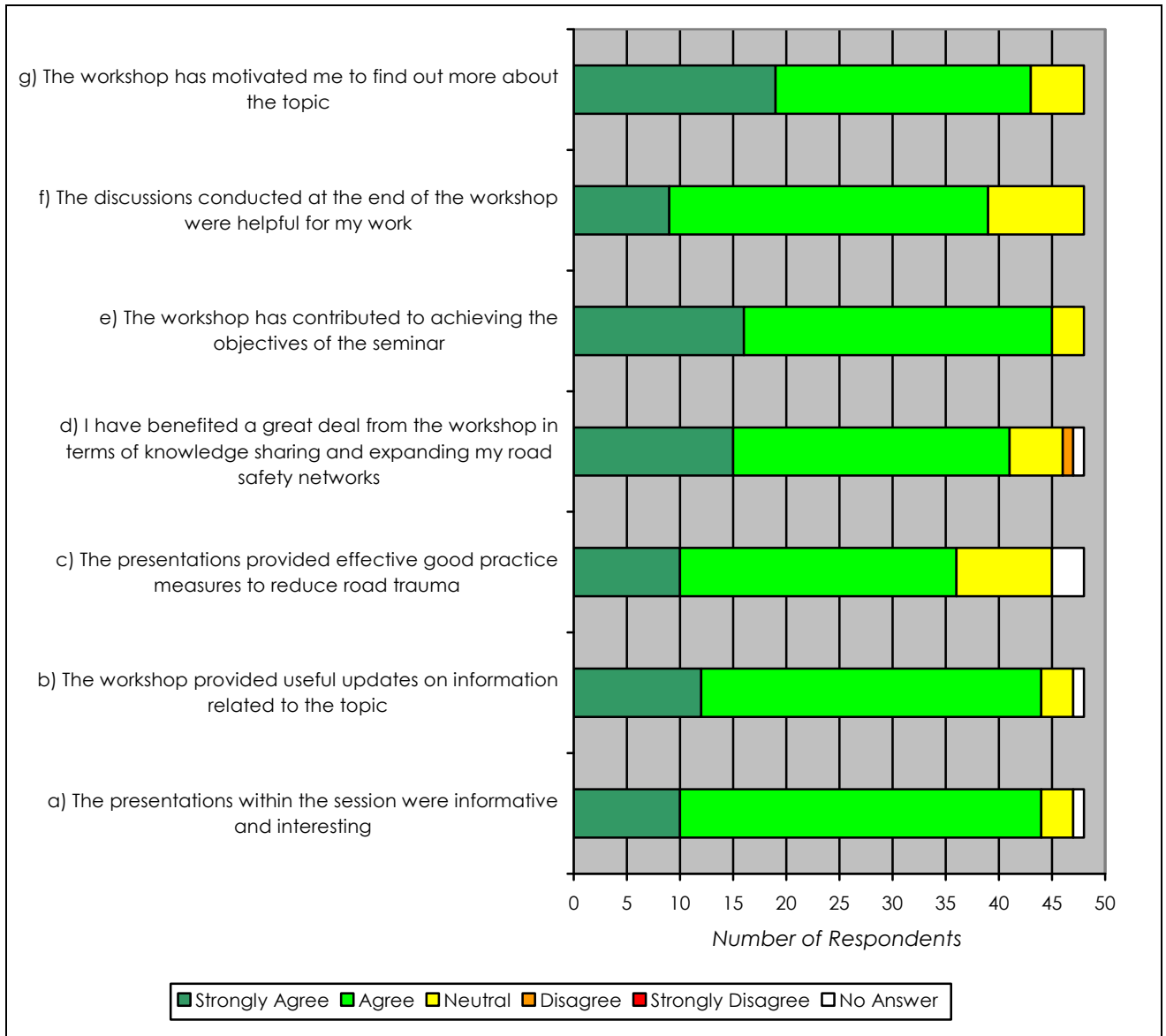
### 7.2.2 Session 2: Good Practice Workshop

Participants were required to select among the three workshops to attend:

- i) Infrastructure Investment for “Towards a Decade of Action”
- ii) Good Practice Manual: Data Systems
- iii) Good Practice Manual: Occupant Restraints

37% respondents attended Data Systems workshop whereas the Occupant Restraints and Infrastructure workshops recorded an equal attendance rate. However, some participants chose to participate in different presentations of separate workshops by moving about.

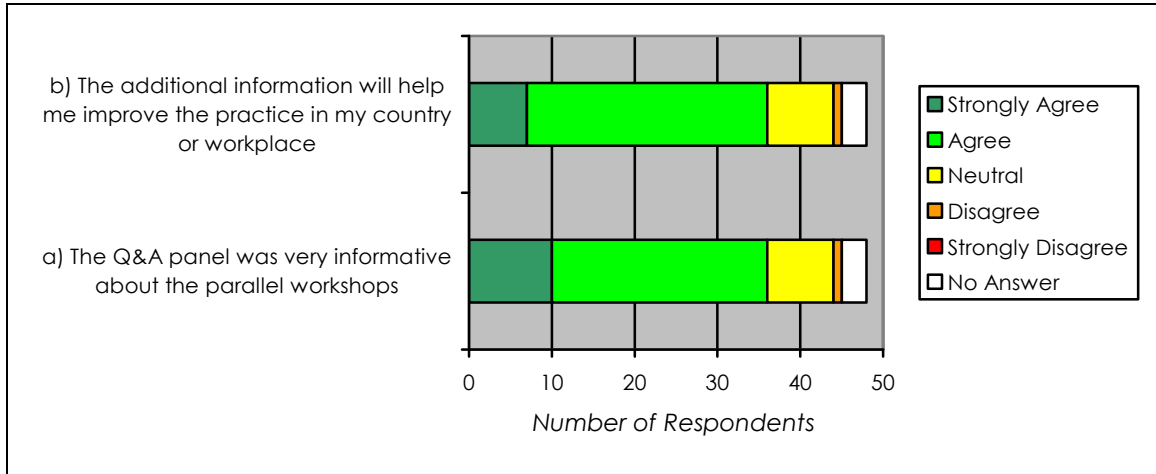
The following chart provides an overview of the ratings of each workshop attended.



45 respondents agreed that the workshops had contributed towards achieving the objectives of the seminar. 44 respondents felt that the workshops were informative and provided useful updates. However, 9 respondents were impartial on the effectiveness of the workshops as good practice measures in reducing road trauma.

### 7.2.3 Session 3: Panel Summary

After the workshop sessions, participants gathered at the main hall to participate in a 20-minute panel summary by all workshop facilitators.



#### **Highlight:**

There were many comments which highlighted the excellence of the presentations by the speakers and the valuable information shared in relation to the road safety initiatives carried out in their respective countries. Some respondents liked the idea of the workshop whereby they could exchange opinions, ideas and do networking.

#### **Lowlight:**

Generally the respondents felt that the presentations lacked depth as the time allocated for the presentation and discussions were insufficient.

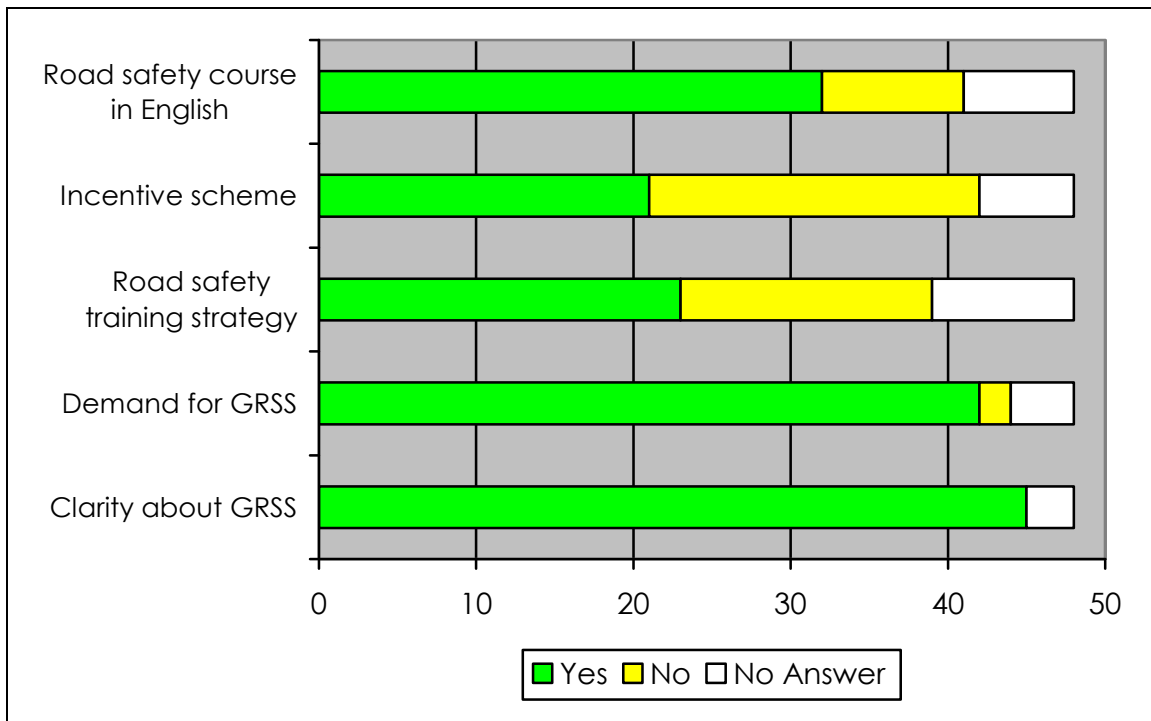
#### **Recommendation:**

Have fewer speakers with more time allocated to each speaker. This will provide an opportunity for speakers to increase the depth of their topic and to illustrate with relevant examples.

## 7.3 Day 2

### 7.3.1 Session 1: Global Road Safety Studies (GRSS)

One of the main highlights of the seminar this year was the presentation about the proposed Global Road Safety Studies (GRSS) – which is a ground-breaking initiative propelled by GRSP to develop professional human resource capacity in road safety in the ‘Decade of Action’. Respondents were required to comment on GRSS and some aspects of road safety training in their country.



The chart indicates that 94% of the respondents agreed that the explanation about GRSS was clear and impressive. The majority of respondents felt that there is a demand for GRSS in their country and the national road safety training strategy is already in place. Respondents also felt that there wouldn't be many problems in conducting road safety courses in English. 44% admitted that there wasn't any incentive scheme to attend road safety courses.

#### **Demand for GRSS**

Most respondents felt that the GRSS is a great advancement in catering for current road safety management and content needs in Asian countries. GRSS received both local and global support because there aren't any structured capacities building programmes currently available in the region.

A separate report on the feedback from the GRSS small group discussions is available on request from Mr. Robert Klein, Regional Director, Asia.

### **Training Strategy**

A total of 7 respondents from Malaysia, Indonesia, Brunei and Cambodia expressed their concern over the lack of road safety training strategy in their country. They embraced the ideas of GRSS very much as the training strategies in their countries were not well organised and only focused on a limited aspect of road safety. They also felt that there is an immediate need to develop a national training blueprint to carry out proper road safety training in their country.

### **Incentive Scheme**

Respondents commented that GRSS requires a high level of government support for full implementation, including:

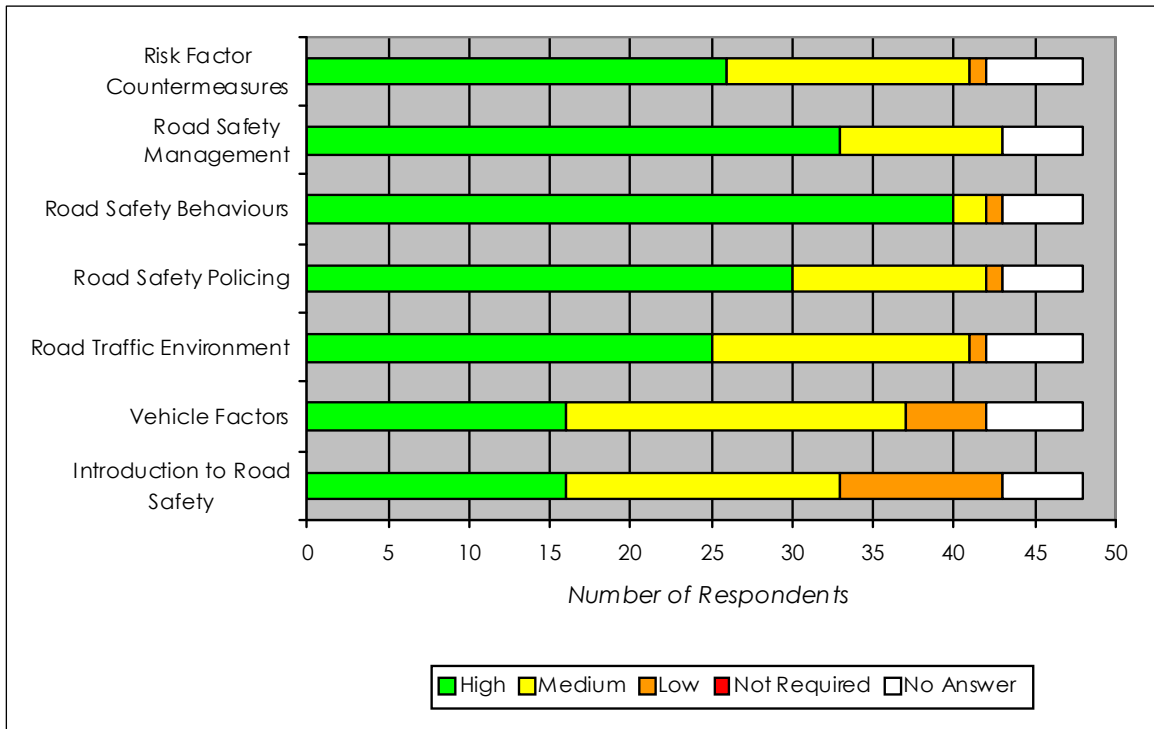
- funding
- job release
- time allocation from their countries or organisation, and
- a structured training strategy.

Approximately 50% of the respondents felt that financial support and time release was the greatest encouragement for participating in GRSS.

### **Language**

Apart from government support, respondents also expressed their concern over language barriers. Respondents from Vietnam, Thailand, Cambodia and China preferred GRSS to be conducted in their respective languages. They commented that road safety courses conducted in English are common for road safety professionals but it becomes a barrier for country stakeholders and those working at the operation level.

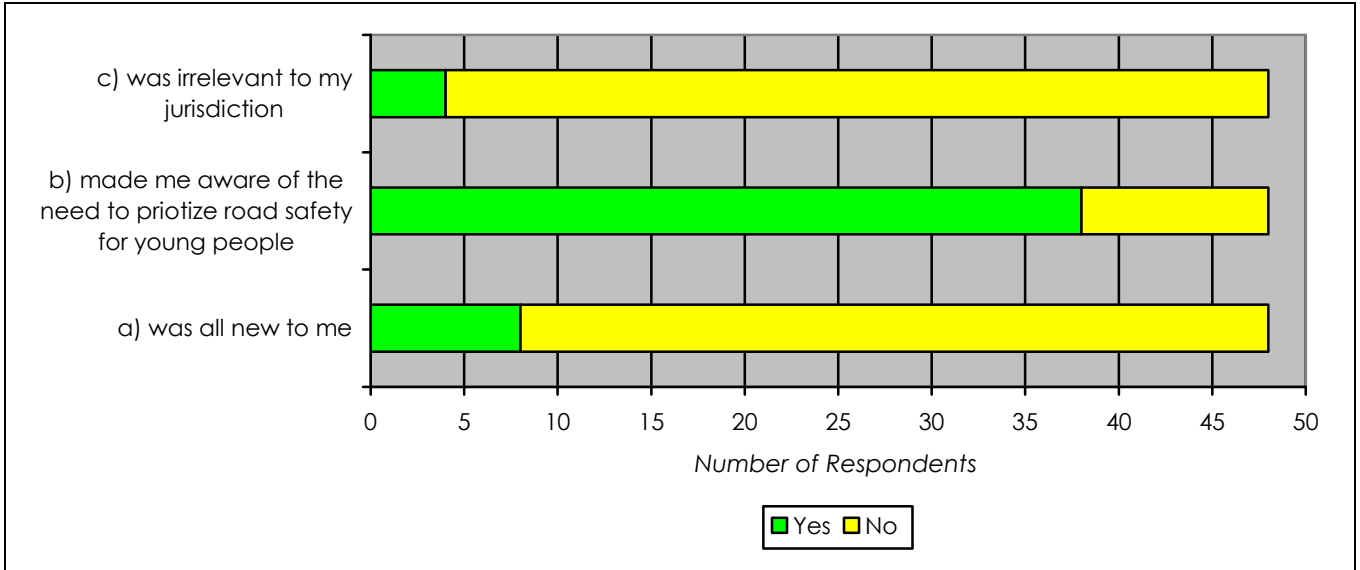
## What are the priority areas of need for road safety in your country?



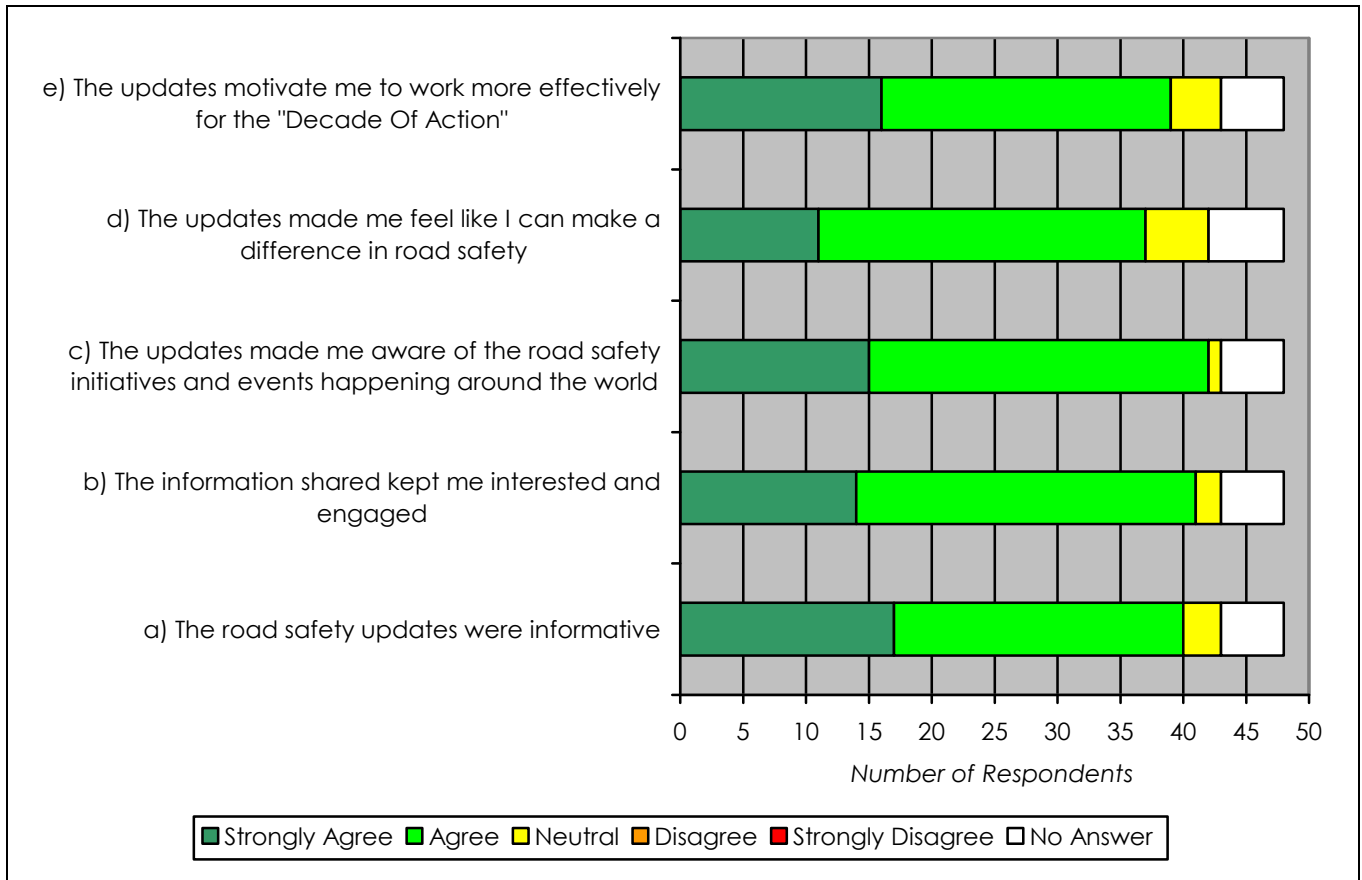
From the 48 respondents, the findings of priority areas of need for road safety in different countries were:

- 40 respondents ranked *Road Safety Behaviours* as high priority in their country followed by *Road Safety Management* and *Road Safety Policing*.
- 25 respondents commented that *Risk Factors Countermeasures* and *Road Traffic Environment* were priority in their country.
- Only 16 respondents felt that the *Introduction to Road Safety* and *Vehicle* was a priority in their countries.

### 7.3.2 Session 2: Capacity Building in the “Decade of Action”



This session highlighted the Global Report on “Young People Death and Injury and Directions for Action”. 79% of the respondents stated that the report increased their awareness of the need to prioritise road safety for young people.



From the responses collected, 23% respondents found that the “*Decade of Action*” *Events and Progress* and *Ministerial Summit Moscow and likely outcomes* were the most beneficial updates. There was a general consensus that 13% respondents found the Global Road Safety Studies (GRSS) beneficial to the Asian countries. There was no feedback from 64% of the respondents on the update that benefited them most.

## 7.4 Overall Feedback

The following is an overview of the overall evaluation of the seminar.

### Q26. What did you like most about the seminar?

- 40% respondents thought the seminar served as a good platform for networking.
- 25% respondents felt they gained practical information and new experiences from the seminar.
- A few respondents felt the seminar helped them identify problems faced in their country and provided practical approach in convincing the government to support road safety efforts.

**Q27. What did you like least about the seminar?**

- 25% of the respondents commented that the seminar and workshop presentations were not punctual
- 12% felt that the workshop presentations lacked depth because time allocated was short
- 8% did not like the seminar because the hotel food lacked variety
- 6% would have liked presentation handouts or audio recordings.

**Q28. How has the seminar strengthened efforts to reduce road trauma and expand networks to support information, good practice and knowledge sharing?**

- 17% respondents found that the seminar was a good platform for establishing networking and building collaboration for a common goal of saving lives
- 8% agreed that the seminar provided updated information and practical examples from other countries to improve road safety activities
- Some participants would like the seminar to be attended by more government personnel in order to strengthen efforts in a more focused way.

**Q29. How do you intend to contribute to 'A Decade of Action'?**

- Most of the respondents intended to share the knowledge and experience gained from the seminar with the stakeholders or local agencies in their respective countries and organisations
- 8% would like to pursue GRSS in the hope to implement road safety initiatives in their country more efficiently
- Some participants felt committed to impart practical recommendations into developing good practice policies in their country.

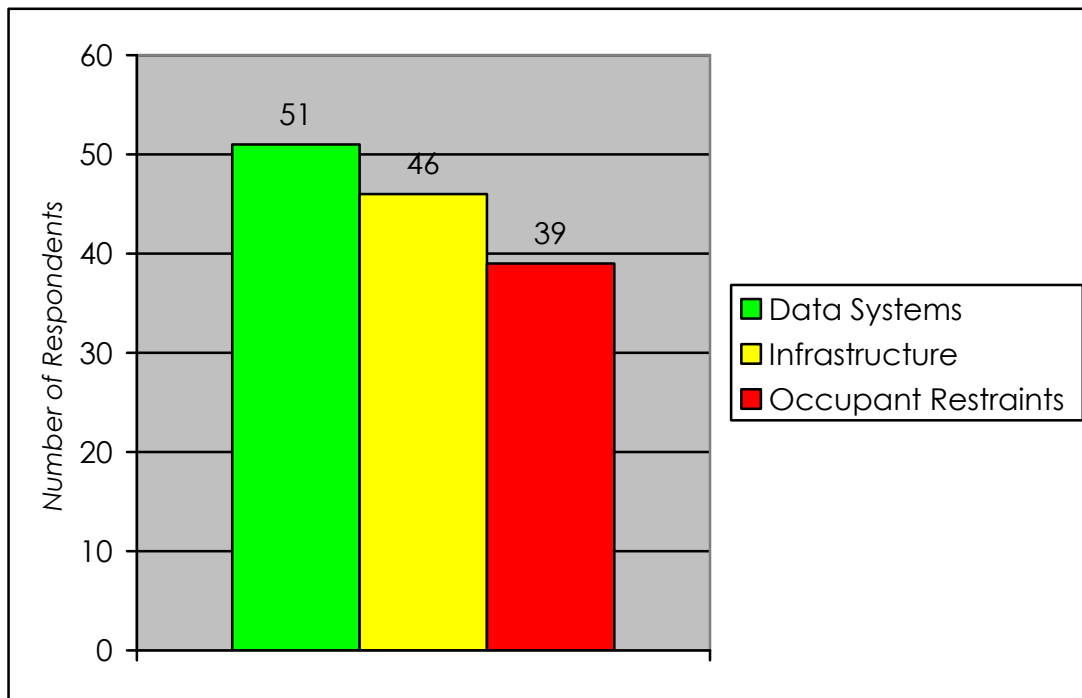
**Q30. Has the seminar met your expectations?**

- All respondents felt that their expectations were met
- 12% of the respondents complimented the seminar organisers
- Some participants commented that the seminar provided a unique opportunity to obtain regional collaboration for road safety actions.

## 8. Attendance

The total number of fully funded and self funded participants that registered for the seminar was 116 and 88 respectively. The chart below shows the overall attendance throughout the seminar.

### 8.1 Workshop Attendance



The number of participants registered for Data Systems, Infrastructure and Occupant Restraints were 51, 46 and 39 respectively. Some participants joined other workshops to listen to their preferred presentations.

## 9. Conclusions and Recommendations

Information for this report is derived from two major sources:

- Survey evaluation
- Suggestions and comments provided to conference organisers

The seminar can be considered a success, as it served as a great platform in providing updated information and establishing strong networking among participants. It met with the expectations and objectives of all country delegates in relation to settings, organisation of seminar and topics /contents.

Participants were largely satisfied with their experience at the seminar and commended the organisers for a job well done.

Participants came to realise the significant role they played as we all work towards a “Decade of Action” in road safety. Many are looking forward to the implementation of Global Road Safety Studies (GRSS) in the near future.

### **Recommendations**

Information for this report is derived from three major sources:

- Survey evaluation
  - Suggestions and comments provided to conference organisers
  - Post seminar debrief by the organisers.
- 
- That the GRSP Asia Road Safety Seminar continues to be held annually.
  - As this event requires a large financial commitment, a review of how this event is to be funded should be explored.
  - As the number of participants attending increases the potential to communicate throughout in a language other than English needs to be considered.
  - Time allocation for each keynote speaker and workshop presenters be extended so that more detail and information can be shared on each chosen theme.
  - The program be advertised on the website at the time registration open and that abstracts of the presentations to be available in advance for ease of reference, viewing and understanding prior to attending the seminar.
  - Consider making the presentations available on line or through video. Only those who attend have access to these multi media presentations to ensure that attendance at the seminar is not adversely impacted upon.

- Add to an already informative website information about: alternative recommended accommodation for self funded participants; information about who gets funded and who doesn't; links to sites that can help visitors to arrange a tourism event around the edges of the seminar; maps of the vicinity of the event.

## Appendices

### Appendix 1: Seminar Programme

#### DAY ONE

##### Session 1: Opening Presentations.

(Chairperson: Robert Klein)

Time	Topic	Speaker
08:30	Opening Speech	Mr. Robert Klein, Asia Regional Director GRSP
08:35	Safety Briefing	Hotel
08:40	Introductory Speech	Mr. Tan Jin Thong, President NSCS
08:50	Welcome speech	Permanent Secretary, MOT
09:00	Presentation	Mr. Tan Jin Thong, President NSCS
09:15	Global Status report (Asia)	Dr Krishnan Rajam, WHO PR
09:35	Infrastructure Investment for A Decade of Action	Rob McInerney, iRAP
09:55	Good Practice Manual: Data Systems	Jon Passmore, WHO
10:15	Good Practice Manual: Occupant Restraints	Saul Billingsley, FIA Foundation
10:35	Workshop session arrangements	Robert Klein, GRSP
10:40	Break	

**Session 2a: Good Practice in Data Systems.  
(Facilitators: Ian Hughes & Jon Passmore)**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
11:00 – 11:20	Using Data to Set Road Safety Targets	Eric Howard
11:20 – 11:40	Behavior and Attitude Data Systems – Indonesia	Professor Siti Malkamah & Besty Ernani
11:40 – 12:00	Comparative Data Systems	Blair Turner, ARRB
12:00 – 12:20	Tamil Nadu Data Systems	Subu Kamal
12:20 - 12:30	Questions & Discussion	All
12:30 – 13:30	Lunch	
13:30pm – 15:00pm	Exploring the Data Manual	All

**Session 2b: Role of Infrastructure.****(Facilitator: Rob McInerney)**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
11:00 – 11:20	The role of infrastructure in a Decade of Action for Road Safety	Greg Smith, iRAP
11:20 – 11:40	iRAP Malaysia: from plan to action	Professor Farhan, MIROS
11:40 – 12:00	A safe system: the design challenge	Blair Turner, ARRB
12:00 – 12:30	Discussion: eliminating the world's high-risk roads	All
12:30 – 13:30	Lunch	
13:30 – 13:50	China road safety strategies & iRAP China update	Zhang Tiejun, RIOH
13:50 – 14:10	Australian road safety strategies & AusRAP update	Peter Daly, RACV & Eric Howard
14:10 – 14:30	iRAP Vietnam & the Vietnam road safety master plan	Le Minh Chau, MOT
14:30 – 15:00	Discussion: essential elements for road safety strategies in a Decade of Action for Road Safety	All

**Session 2c: Good Practice in Occupant Restraints.**  
**(Facilitators: Gayle Di Pietro & Saul Billingsley)**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
11:00 – 11:20	When does a risk factor become a priority for a jurisdiction?	Dr Krishnan Rajam, WHO PR
11:20 – 11:40	Legislating rear seat belt use and retro fitting in Malaysia	Datuk Suret Singh, Malaysia
11:40 – 12:00	Buckling up in Armenia. A Case Study	Saul Billingsley
12:00 – 12:20	Strategies for Government and Industry to produce safety outcomes	Eric Howard
12:20 – 12:30	Questions & Discussion	All
12:30 – 13:30	Lunch	
13:30 – 13:50	Enforcing occupant restraint wearing. Singapore	Singapore Traffic Police
13:50 – 14:10	Increasing wearing rates. Philippines	Daisy Jacobo
14:10 – 14:30	The emerging issue – seat belt wearing. China	Dr James Yu, GI Beijing
14:30 – 15:00	Questions & Discussion Exploring the Good Practice Manual	All

**Session 3: Panel Summary.**  
**(Facilitator: Gayle Di Pietro)**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
15:00 – 15:20	Panel summary of break out groups.	
15:20 – 15:50	Break	

**Session 4: Developments and Trends in Singapore Road Safety.**  
**(Facilitator: Ann Yuan)**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
15:50 – 16:20	Cost of Accidents	Professor Chin Hoong Chor
16:20 – 16:50	Engineering Road Safety in Singapore	Seng Tim Ho
16:50 – 17:00	Questions & Discussion	

**Evening Session**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
18:00	<ul style="list-style-type: none"> <li>• Walk to Singapore Flyer</li> <li>• Photo Session</li> <li>• Ride on Singapore Flyer</li> <li>• Dinner</li> </ul>	-

## DAY TWO

### Session 1: Global Road Safety Studies (GRSS).

(Facilitator: Ian Hughes)

Time	Topic	Speaker
08:30 – 08:35	Opening Remarks	Ian Hughes
08:35 – 09:15	Developing Human Resources for a Decade of Action: Introducing Global Road Safety Studies (GRSS)	Robert Klein
09:15 – 10:45	Break out Discussion Groups	Professor Jeremy Davey & Kerry Armstrong
10:45 – 11:15	Break	

### Session 2: Capacity Building in the Decade of Action.

(Facilitator: Lan Huong)

Time	Topic	Speaker
11:15 – 11:45	Panel Discussion/Report Back	Professor Jeremy Davey
11:45 – 12:20	Directions from the Global Report on "Young People Death and Injury and Directions for Action" to reduce child road trauma	Ian Scott
12:20 – 12:30	Questions & Discussion	
12:30 – 13:30	Lunch	

### Session 3: Global and Regional Update.

(Facilitator: Robert Klein)

Time	Topic	Speaker
13:30 – 15:00	<ul style="list-style-type: none"><li>• APEC Projects and Events</li><li>• UNESCAP Projects and Events</li><li>• Ministerial Summit Moscow and likely outcomes</li><li>• IRTAD in Asia</li><li>• Decade of Action Events and Progress</li></ul>	Robert Klein Dongwoo Ha Saul Billingsley  Robert Klein Saul Billingsley
15:00	Seminar Closing	Robert Klein & Tan Jin Thong
15:05 – 15:45	Informal meeting ASEAN Multi Sector Working Group	Datuk Suret Singh

## Appendix 2: Evaluation Form

### PRE-SEMINAR

**Q1. What do you personally expect to gain from the seminar?**

**Q2. How do you think your organisation or country will benefit from this seminar?**

**Q3. On arrival at the seminar venue...**

	Yes	No
a) was the room registration efficient? *Only applicable for participants staying at Pan Pacific Hotel.	<input type="checkbox"/>	<input type="checkbox"/>
b) were there clear directions and signage in regards to the seminar?	<input type="checkbox"/>	<input type="checkbox"/>
c) was the seminar registration efficiently carried out?	<input type="checkbox"/>	<input type="checkbox"/>
d) did you find the organisers helpful?	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

**Q4. Did you view the seminar website prior to your attendance?**

- Yes (Please answer Questions 5-8)  
 No (Please answer Question 9 only)

**Q5. If YES, was there sufficient information in the website about:**

- |   | <b>Yes</b>               | <b>No</b>                |
|---|--------------------------|--------------------------|
| a) GRSP in general  | <input type="checkbox"/> | <input type="checkbox"/> |
| b) Objectives of seminar  | <input type="checkbox"/> | <input type="checkbox"/> |
| c) Singapore as a destination (eg: public transport, visa etc.) | <input type="checkbox"/> | <input type="checkbox"/> |
| d) Programme & speakers   | <input type="checkbox"/> | <input type="checkbox"/> |
| e) Accommodation  | <input type="checkbox"/> | <input type="checkbox"/> |

**Q6. With reference to the information in the website,**

- |   | <b>Yes</b>               | <b>No</b>                |
|---|--------------------------|--------------------------|
| a) did it increase your interest to attend the seminar?   | <input type="checkbox"/> | <input type="checkbox"/> |
| b) did you find the information about the seminar useful? | <input type="checkbox"/> | <input type="checkbox"/> |

**Q7. What additional information would you like included in a future seminar website?**

**Q8. If you registered to attend the seminar using the website,**

- |  | <b>Yes</b>               | <b>No</b>                |
|--|--------------------------|--------------------------|
| a) was the online registration easy and efficient?                 | <input type="checkbox"/> | <input type="checkbox"/> |
| b) were the arrangements regarding accommodation clear?            | <input type="checkbox"/> | <input type="checkbox"/> |
| c) were the arrangements about getting to the seminar venue clear? | <input type="checkbox"/> | <input type="checkbox"/> |

**Q9. If NO, what is the main reason that you did not register through the seminar website?**



## SESSION 2: Good Practice Workshops

### Q12. Which of the workshop did you attend? *(Please tick one)*

- a) Infrastructure Investment for “Towards a Decade of Action” (Rob McInerney)
- b) Good Practice Manual: Data Systems (Ian Hughes/Jon Passmore)
- c) Good Practice Manual: Occupant Restraints (Gayle Di Pietro/Saul Billingsley)

### Q13. Please circle according to the scale given.

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	2	3	4	5

a) The presentations within the session were informative and interesting.	1	2	3	4	5
b) The workshop provided useful updates on information related to the topic.	1	2	3	4	5
c) The presentations provided effective good practice measures to reduce road trauma.	1	2	3	4	5
d) I have benefited a great deal from the workshop in terms of knowledge sharing and expanding my road safety networks.	1	2	3	4	5
e) The workshop has contributed to achieving the objectives of the seminar.	1	2	3	4	5
f) The discussions conducted at the end of the workshop were helpful for my work.	1	2	3	4	5
g) The workshop has motivated me to find out more about the topic.	1	2	3	4	5

### SESSION 3: Panel Summary

**Q14. Please circle according to the scale given.**

Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	2	3	4	5

a) The Q&A panel was very informative about the parallel workshops.	1	2	3	4	5
b) The additional information will help me improve the practice in my country or workplace.	1	2	3	4	5

**DAY TWO**

**SESSION 1: Global Road Safety Studies (GRSS)**

**Q15. Has the explanation about GRSS been clear?** Yes  No

Comments:

**Q16. Is there a demand for GRSS in your country?** Yes  No

Comments:

**Q17. Is there a road safety training strategy in your country?** Yes  No

Comments:

**Q18. Do you have an incentive scheme to attend road safety training courses?** Yes  No

Comments:

**Q19. Is it feasible to provide a road safety course in English for your professional staff?** Yes  No

Comments:

**Q20. What are the priority areas of need for road safety in your country?**

	<b>Not required</b>	<b>Low priority</b>	<b>Medium priority</b>	<b>High priority</b>
Introduction to Road Safety				
Vehicle Factors				
Road Traffic Environment				
Road Safety Policing				
Road User Behaviours				
Road Safety Management				
Risk Factor Countermeasures				

**Q21. What could be the barriers for you participating in GRSS?**

**Q22. What would encourage you to participate in GRSS?**

- |  |   |
|--|---|
| <input type="checkbox"/> Time release<br><input type="checkbox"/> Financial support<br><input type="checkbox"/> Recognition of qualification | <input type="checkbox"/> Language other than English<br><input type="checkbox"/> Study skills support<br><input type="checkbox"/> Other _____ |
|--|---|

**SESSION 2: Capacity Building in the Decade of Action**

**Q23. Tick those statements that are relevant to you.**

**The contents of Global Report on “Young People Death and Injury and Directions for Action”...**

- a) was all new to me.
- b) made me aware of the need to prioritise road safety for young people.
- c) was irrelevant to my jurisdiction.

Comments:

**SESSION 3: Global and Regional Update**

**Q24. Please circle according to the scale given.**

Strongly Disagree      Disagree      Neutral      Agree      Strongly Agree  
 1                                  2                                  3                                  4                                  5

a) The road safety updates were informative.	1	2	3	4	5
b) The information shared kept me interested and engaged.	1	2	3	4	5
c) The updates made me aware of the road safety initiatives and events happening around the world.	1	2	3	4	5
d) The updates made me feel like I can make a difference in road safety.	1	2	3	4	5
e) The updates motivate me to work more effectively for the Decade of Action.	1	2	3	4	5

**Q25. The update that benefitted me the most was \_\_\_\_\_.**

Reason:

**OVERALL FEEDBACK**

**Q26. What did you like most about the seminar?**

**Q27. What did you like least about the seminar?**

**Q28. How has the seminar strengthened efforts to reduce road trauma and expand networks to support information, good practice and knowledge sharing?**

**Q29. How do you intend to contribute to 'A Decade of Action'?**

**Q30. Has the seminar met your expectations?**

- Yes
- No
- Not sure

Reason:

**Thank you for your feedback.**