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## International Road Traffic Accident Data (IRTAD)

# Building Capacity for Road Safety Data Systems: *Responding to the need for human resource capacity*

*Rob Klein: GRSP Asia Region Director 16/9/2009*

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# Building Capacity for RS Data Systems

Asian countries well understand the limitations of current data systems and the impact

Countries have long expressed the need for professional capacity development

Professional capacity and effective data systems are inextricably linked to road safety performance

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*«Developing a professional human resource capacity is critical to implementing an effective Decade of Action »*

- World Report
- REAAA/HORA
- APEC
- ADB/ASEAN
- ASEAN LTWG, Multi sector group
- UNESCAP and countless reports



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# ASEAN/ADB Road Safety Strategy

## Improved implementation of Action plans

1. Installation of monitoring systems in each country and at regional level
2. Centres of Excellence assisting in monitoring
3. Capacity/skills strengthening of key stakeholders and personnel in safety management

## Awareness raising and advocacy

1. Development of in country road safety champions
2. Annual regional conference
3. Road safety excellence ("OSCARS ") awards
4. Media articles on road safety

## Institutionalising ASEAN road safety Network

1. Establishment of an International Focal Point
2. Establishment , training and equipping of Regional and Country Focal Points
3. Collaborative research
4. ASEAN road safety newsletter

## Capacity Building and institutional strengthening

1. Train the trainer workshops /courses (*Global Road Safety Studies*)
2. Local in country training courses by local trainers
3. Extensive Training of very large numbers of local safety specialists
4. Guidelines , Manuals and demonstration projects
5. Local Centres of excellence as sustainable providers of safety training courses /advice

## Mobilisation of Private Sector and NGOs

1. Mobilise private sector eg FAMI to provide free helmets + training , and oil companies assist with defensive driving for professional drivers
2. Develop, establish and support NGOs with help from international safety NGOs ( PRI , FEVR etc)
3. Ist aid training of professional drivers demo project with Red Cross

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# GRSP and Professional Development

Developed, trialled and evaluated

- Comprehensive Road User Behaviour
- Traffic Policing
- other modules, standards, GPM's and evaluation
- Includes reference material, flexible

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# Critical Road Safety Competencies

*The involvement of multiple disciplines in road safety management.*

*The importance of science based research and its application in effective road safety management*

*The effects of economics, social, technological and demographic trends on road safety*

*The factors occurring before, during and after a crash and involving driver, highway, vehicle and emergency response that effect road crash severity*

*The combining of countermeasures from the four E's of traffic safety, education, engineering, enforcement and emergency response*

*The institutional settings in which safety management decisions are made and the main public and private organisations that have road safety responsibilities, resources and information*

*The main databases and information systems that can be used for safety management, including state, local and national databases*

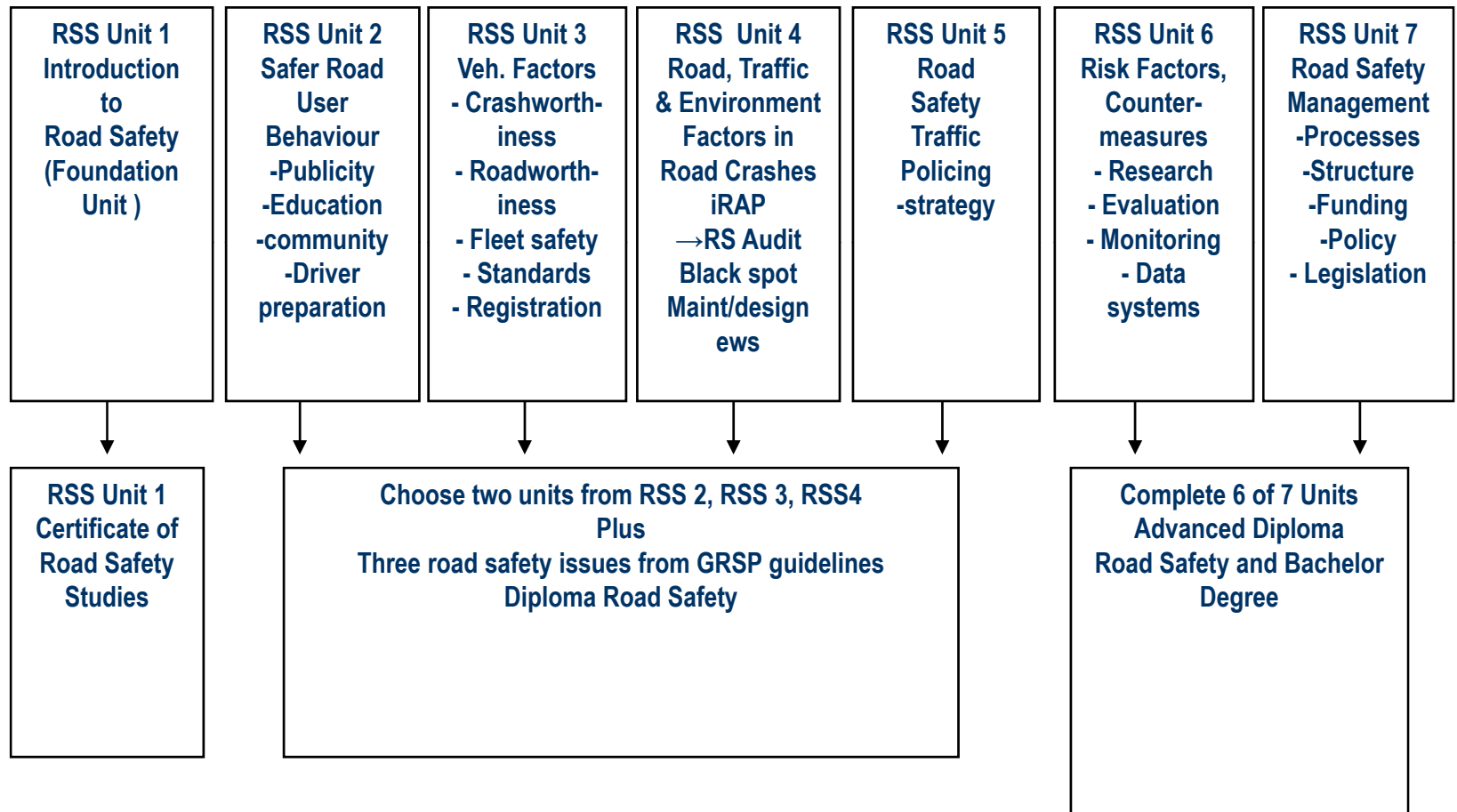
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# Global Road Safety Studies

## Overall Course Structure



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# Capacity Building/Professional dev./Training/Capability

e.g.

Road safety fundamentals

Road safety administration & enforcement

Road safety audits

Risk factors determining road crashes

Data systems

Effective countermeasures

Planning, implementing & evaluating road safety

Monitoring

Driver preparation

Road safety management & policy

Public education campaigns

**ISSUES**

Factors in road crashes

Road safety education

## Global Road Safety Studies

**TECHNOLOGY**

**ROAD SAFETY  
KNOWLEDGE, SKILLS,  
KEY COMPETENCIES**

**TRANSFER**

e.g.

Road Safety Officers

Police

Policy, regulation and legislature development personnel

Teachers

OHS officers

**PROFESSIONALS &  
CONTRIBUTORS**

Driver trainers

Health promotion officers

Transport and fleet operations staff

Traffic Engineers

Road Safety Managers

Medical personnel

Transport Planners

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# Global Road Safety Studies

## Responds to needs and develops capable human resource profession:

- Addresses competencies within a suitable framework needed to build road safety capabilities
- Developed by academic and delivery experts
- Recognised Prior Learning and Mutual Recognition
- Designed to complement existing initiatives (e.g. Good Practice Manuals, iRAP etc etc)
- Development focussed on ASEAN “*test bed*” countries, but applicable globally

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# Global Road Safety Studies

- Mix of units delivered through range of flexible delivery options - intensive residential and distance education
- Cost effective and resource efficient model
- Delivered through Centres of Excellence
- All qualifications university accredited:
  - Certificate in Road Safety
  - Diploma in Road Safety
  - Bachelor Degree in Road Safety
  - Masters in Road Safety
  - Doctorate in Road Safety

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# GRSS Structure

## UNITED NATIONS ROAD SAFETY COLLABORATION

### The Decade of Action on Road Safety

Road Safety Competency Framework  
Accreditation Framework

Reference groups for individual units of study  
Membership drawn from: Experts in specific fields, Professional Associations, Industry

GRSS Unit 1	GRSS Unit 2	GRSS Unit 3	GRSS Unit 4	GRSS Unit 5	GRSS Unit 6	GRSS Unit 7
Introduction to Road Safety (Foundation Unit)	Safer Road User Behaviour -Publicity -education -community -Driver preparation	Veh. Factors -Crashworthiness - -roadworthiness -Fleet safety -Standards -registration	Road, Traffic & Environment Factors in Road Crashes iRAP →RS Audit Black spot Maint/design	Road Safety Traffic Policing -strategy -	Risk Factors, Counter-measures Research Evaluation Monitoring Data systems	Road Safety Management -Processes -structure -funding -policy -legislation

ews

GRSP

Centres of Excellence & mutual recognition

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# GRSP ASIA Seminar 2009: Singapore

**WHO?:** All road safety professionals

**WHAT?:** Asia's Leading Road Safety Seminar

**WHERE?:** Singapore Pan Pacific Hotel

**WHEN?:** October 7 and 8

**WHY?:** professional development for effective good practice road safety

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**GO TO?:** [www.grspasia.org](http://www.grspasia.org)