

# International Motorcycle Manufacturer's Association

“**HHRT**”

**Motorcycle Safety: IMMA's  
contribution to the “Decade for  
Road Safety Action 2011-2020.”**



## Why Powered two-wheelers (PTWs)?

- Inexpensive Mobility
- Leisure, tourism and sport
- Employment, (3,5 - 4 million people globally)
- Useful in commerce and the public services (police, medical care)
- So, and increasing market (152 to 300 million in-use in the last decade)



## Trends and Solutions

- PTW riders are vulnerable road users
- Developed country trends are mostly down but developing countries lack data
- Effective countermeasures need reliable data (Moscow conference conclusion)
- IMMA believes that rider safety throughout the world will be improved by the application of the **safe system approach**



Headlight    Helmet

**HHRT**



Road

Training



## Headlight

Essential for night-time safety

Also provides conspicuity in daytime (being visible on the road)

Research shows that perception failures by other drivers are a dominant cause of accidents and that this is because of poor conspicuity.



## Helmet



The wearing of an approved and properly fitting helmet is a proven aid in reducing the consequences of an accident.

If you don't do up the strap, you could lose a lot more than your helmet.



## The Road

**The road must have a smooth and regular surface**

**It must be properly maintained and avoid slippery elements e.g. manhole covers**



**The roadway environment has to be “forgiving” in the event of an accident**

**Crash-barriers should be integrated into roadway design and their supports shrouded to protect riders**

## Training



**PTW training varies but training should always include:**

- **control skills**
- **risk awareness and avoidance**
- **knowledge of a PTW's limitations**

**Car drivers need training in PTW awareness**





## Conclusion

- HHRT are the basic road safety elements for riders of PTWs
- Until these have been introduced, other measures will have no noticeable effect
- Improving rider safety requires thorough research, clear objectives and partnership between the stakeholders
- There is a lot of specialist literature available, it needs to be pulled together into a set of guidelines that are appropriate for each situation

IMMA

International Motorcycle  
Manufacturers Association



**Thank you**