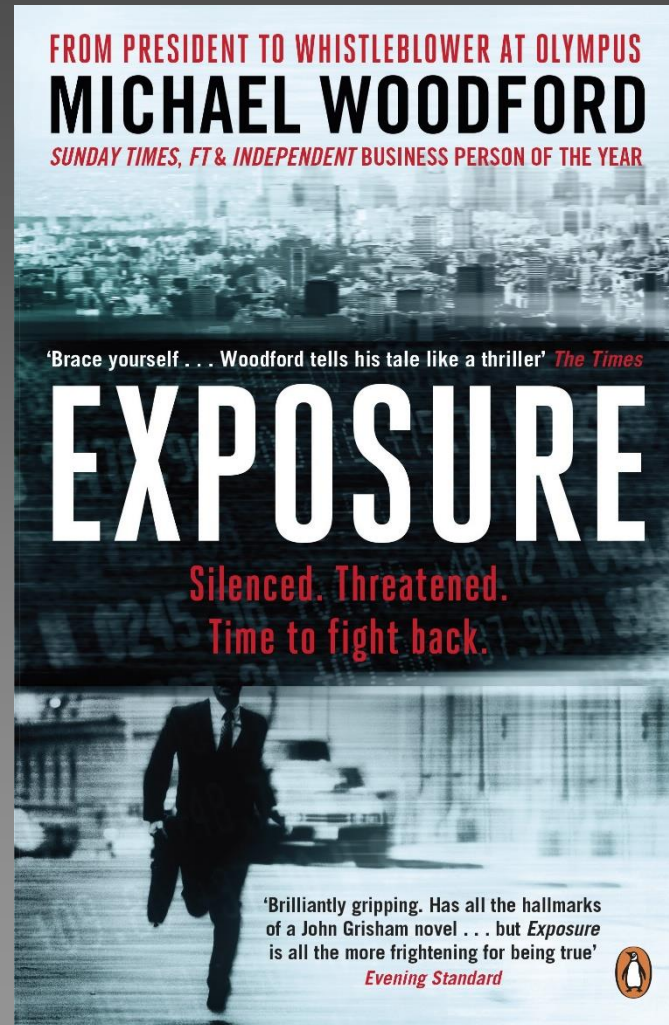




**ANNUAL MEETING & ASIA PACIFIC REGIONAL ROAD SAFETY SEMINAR (APRSO)  
POWERED TWO-WHEELER SAFETY: OVERCOMING CHALLENGES TO IMPLEMENTATION**

Manila, Wednesday 6 December 2023

# MY HISTORY



# LEARN MORE ABOUT THE SAFER ROADS FOUNDATION

See what the Foundation does by visiting our website:

[www.saferroadsfoundation.org](http://www.saferroadsfoundation.org)



# **SRF GLOBAL CAMPAIGNS TO SAVE THE LIVES OF PTW RIDERS IN DRAMATIC NUMBERS**

- 1. ‘Automatic Headlights On’ (AHO)  
for powered two-wheelers**
- 2. ‘Anti-lock Braking System’ (ABS)**
- 3. ‘Helmet wearing Enforcement  
Cameras’**

# CAMPAIGN 1

**‘Automatic Headlights On’ (AHO)  
for powered two-wheelers**



# LACK OF CONSPICUITY IS OFTEN FATAL



# MONSOON CONDITIONS – HEAVY RAIN



In the above image, the cyclist with their light illuminated is clearly visible.



# THE ADOPTION OF 'AUTOMATIC HEADLIGHTS ON' (AHO) FEATURE FOR PTWS IN INDIA



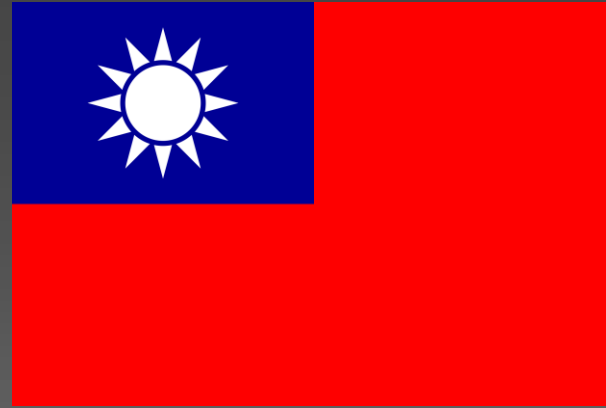
SRF worked closely with SIAM and the Ministry of Road Transport & Highways in New Delhi to bring about the early introduction of AHO in India for all Powered-Two-Wheelers (PTWs).





**AHO – a reality in India from  
1 April 2017!**

**25 million bikes a year will be  
manufactured with this mandatory  
feature**



**AHO – a reality in Taiwan  
from 1 January 2017!**



**AHO – a reality in  
Colombia from  
1 January 2022!**

# AHO - THE 'LOW-HANGING FRUIT' OF ROAD SAFETY



Reduces accidents by 15% at no cost!



# CAMPAIGN 2

## ‘Anti-lock Braking System’ (ABS)

# ABS for PTWS - Worldwide

SRF is calling for ABS to be fitted (as a minimum) to the front wheel of **every powered two-wheeler that has a maximum design speed in excess of 50kph**. This is vital as in many parts of Asia motorcycles with 50cc, 70cc, 90cc and 110cc engines are used. To save lives in significant numbers, it is essential that countries adopt ABS for **ALL** machines which have speeds of 50kph or more. Only fitting ABS to models over 125cc would result in very little meaningful change as they only constitute a relatively small percentage of the total number of PTWs sold.



# SHORT PROGRAMME

**‘ANTI-LOCK BRAKING SYSTEM (ABS)  
FOR MOTORCYCLES - A SIMPLE WAY TO  
SAVE TENS OF THOUSANDS OF LIVES  
EVERY YEAR ACROSS ASIA’**

# ABS NEEDS TO BE ON ALL PTWS

Some countries, for example Thailand and Malaysia, have introduced legislation making ABS mandatory for motorcycles over 125cc.

This is positive, although the key issue is addressing motorcycles of **125cc and below**, with a design speed of 50kp/h or more (or 50cc), as this is the majority of the population of PTWs.

It is critically important that the feature is fitted during manufacture to the lower powered machines which would have the greatest impact on reducing fatalities and serious injuries.



# ABS - South East Asia



Policymakers are urged to seize, without delay, the opportunity to mandate ABS which would **save 40,000 lives in the first five years!**

The programme is on SRF's website

# CAMPAIGN 3

## ‘Helmet Wearing Enforcement Cameras’

# Chiangmai Trial - 'Helmet Wearing Enforcement Cameras' providing overwhelming evidence on their value

Working in collaboration with  
Dr Theerawood Gomutbutra and the Chiangmai  
Road Safety Committee

# Chiangmai Trial

## ‘Helmet Wearing Enforcement Cameras’

- Approximately 250 fatalities every year in the five districts
- Two-thirds of motorcycle fatalities occur at night – riders do not wear helmets as no police on street





# Chiangmai Trial 'Helmet Wearing Enforcement Cameras'



In January 2022, at 5 main intersections, wearing helmets in the daytime was over 90%.



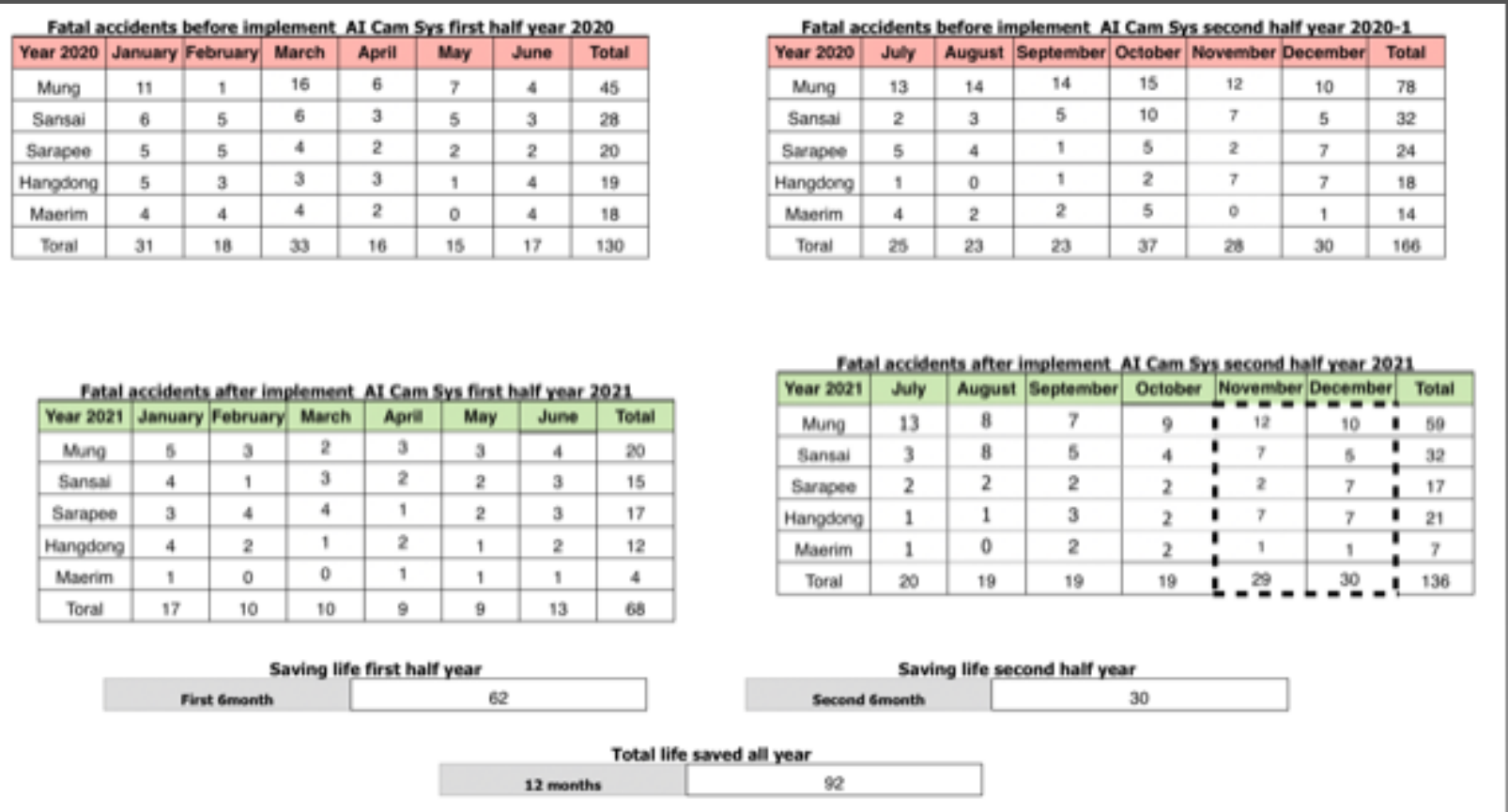
# Chiangmai Trial 'Helmet Wearing Enforcement Cameras'



Night-time 'before' and 'after' showing dramatic increase in helmet wearing.

# Chiangmai Trial 'Helmet Wearing Enforcement Cameras'

- In first 6 months, 62 lives saved
- In second 6 months, only 30 lives saved due to withdrawal of funding for police enforcement



# SHORT VIDEO OF MAJOR JUNCTION IN CHIANGMAI WITH RIDERS WEARING HELMETS

# Chiangmai Trial 'Helmet Wearing Enforcement Cameras'

The evidence from the Chiangmai trial is overwhelming. If the cameras were introduced across Thailand they would save:

**3,000 LIVES EVERY YEAR IN  
THE KINGDOM**





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