# The practical value of sound Police crash data in delivery of road safety

## THE FIRST WORKSHOP ON IMPLEMENTATION OF THE ASIA-PACIFIC ROAD SAFETY OBSERVATORY (APRSO)

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**GRSF**
Global Road Safety Facility

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Transport & ICT

# Overview of talk

**Immense value in ASPRO: Thanks to partners and countries**

**1. We have a lot in common**

**2. Good data helps (but is not enough)**

**3. Police crash data are critical**

# We have more in common than separates us

Each country is unique

However, in road safety we share:

- Human error
- Human body's vulnerability to injury
- The laws of physics
- Deaths and suffering
- Actions that work:
  - Safe Roads
  - Lower speeds
  - Safer vehicles
  - Faster, better post-crash care

The Politics, Psychology, Economics of delivery may differ

- Good data = huge help
- Sharing & learning from each other helps

# Crash data roles

- Management

- Building the Case for funding

- Advocacy

- (Community promotion)

- **Targeting interventions**
- **Knowing what to do**

# Crash data roles

- Must know: **Location** and **nature** of the crash

- Nature not = to 'cause' (example next)

**Before**
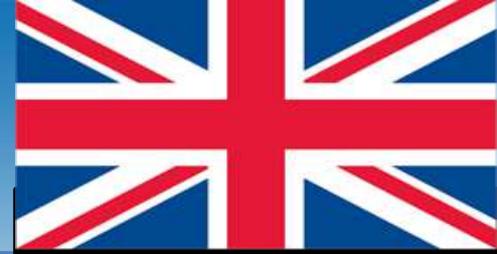
**During**

**After**

UKaid
from the British people

'Causes' of crashes not known
Safe Infrastructure:
Great Safe System example

2700 lives will be saved

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# Crash data roles

- Nature/type not = to 'cause'
- Many data collections do not have enough types
- Example: pedestrian hit at an intersection
  - Typically recorded only as 'pedestrian hit'
  - BUT: vehicle turning or straight, on side St or main St, person crossing or walking along the road, ……

  Many 'crash types' required to know what to do (**except lower speeds**)

# Use the evidence base

Data are not enough

- We often confuse data-based and Evidence-driven

- Both are essential

- Know the problem and know that this is not enough: using evidence for what works is vital

# Take away messages

To make best use of limited road safety resources

- Good data …..location, type (but not necessarily 'cause'- though it can help)
- Evidence based interventions matching the crash type

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# Thank you