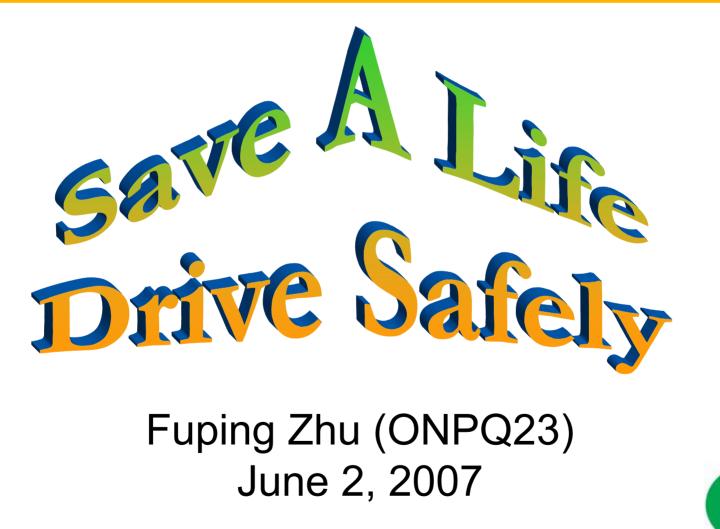
#### PDO Diversity and Inclusiveness 2007 Event I – Road Safety





# **PDO D&I Team**



Mundhir Barwani HD D&I Champion

- The PDO D&I Team was created in 2001.
- Diversity is the recognition, respect and acceptance of all the ways people are different and provides an environment that allows for these differences and supports business growth.
- Inclusiveness means a workplace in which:
  - ≻Diversity is valued.
  - Everyone has the opportunity to develop skills and talents consistent with Company values and business objectives.



Fathiya Ismaily HLD71



Zahir Hashar FPO13



Fuping Zhu ONPQ23

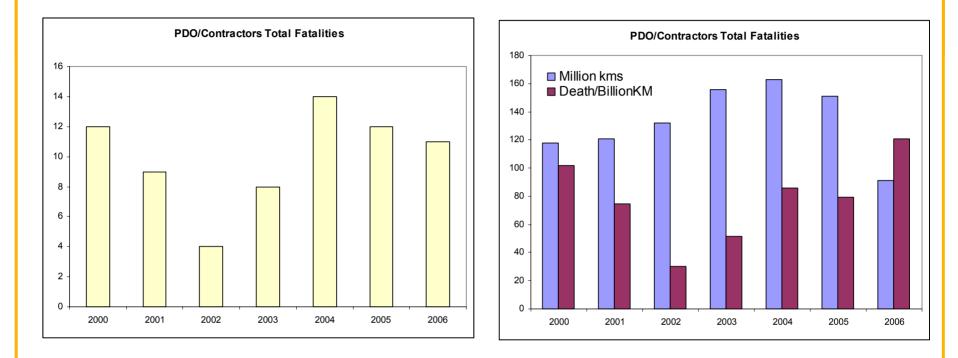


Antonius Romein HRD5

Fuping Zhu, ONPQ/23, June 02-07

HRO1

### PDO 2006 HSE Performance



- Road traffic accidents contributed substantially > 90%
- Lowest scores in 2002 Deaths/BillionKM rate getting worse in recent years
  - Urgent case for change!

#### **Causes of Deaths and Injuries**

#### Distribution of global injury mortality by cause



Source: WHO Global Burden of Disease project, 2002, Version 1 (see Statistical Annex).

#### Road traffic injuries are the #1 cause.

	Number	Rate per 100 000 population	Proportion of total (%)
Low-income and middle-income countries	1 065 988	20.2	90
High-income countries	117 504	12.6	10
Total	1 183 492	19.0	100

Source: WHO Global Burden of Disease project, 2002, Version 1

#### 70% to 90% of road crash deaths around the world occur in developing countries!

Vulnerable road users in low-middle income countries pay most dearly!

#### Is Oman developed or developing?

Fuping Zhu, ONPQ/23, June 02-07

Date source: WHO, 2004; http://www.salimandsalimah.org/crashes.htm

### **Worldwide Road Traffic Statistics**

- 1.2 million people dead annually
- > 3000 people dead every day
- 137 people dead every hour
- 2 persons dead every minute





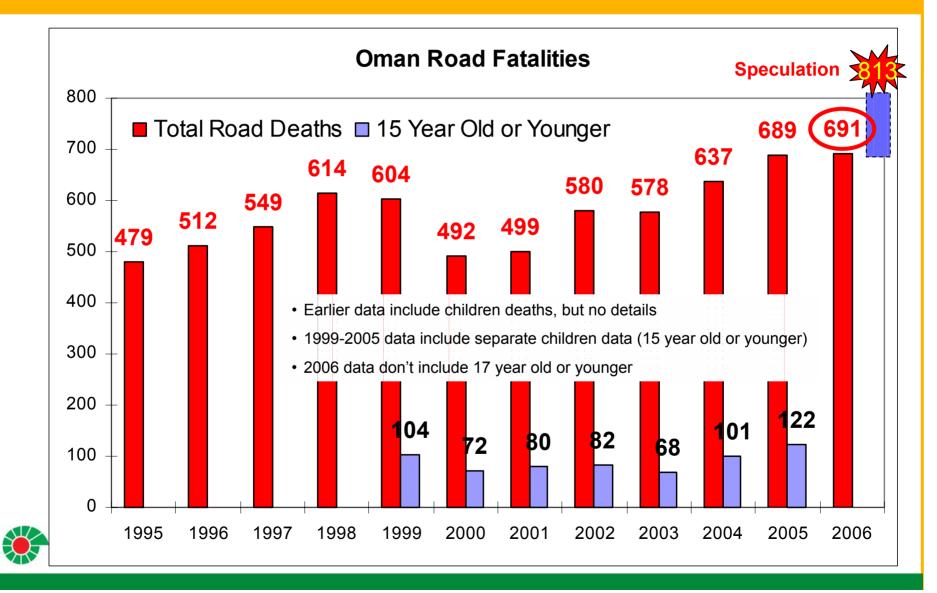


"In a collision at 50kmph it would take 1/5th of a second for your unrestrained child to fly through the windscreen and die"

Fuping Zhu, ONPQ/23, June 02-07

Data source: http://www.salimandsalimah.org/

#### **Oman Road Fatalities**



Fuping Zhu, ONPQ/23, June 02-07

Data source: http://www.salimandsalimah.org/

#### Who/What are Killers in Oman





Fuping Zhu, ONPQ/23, June 02-07

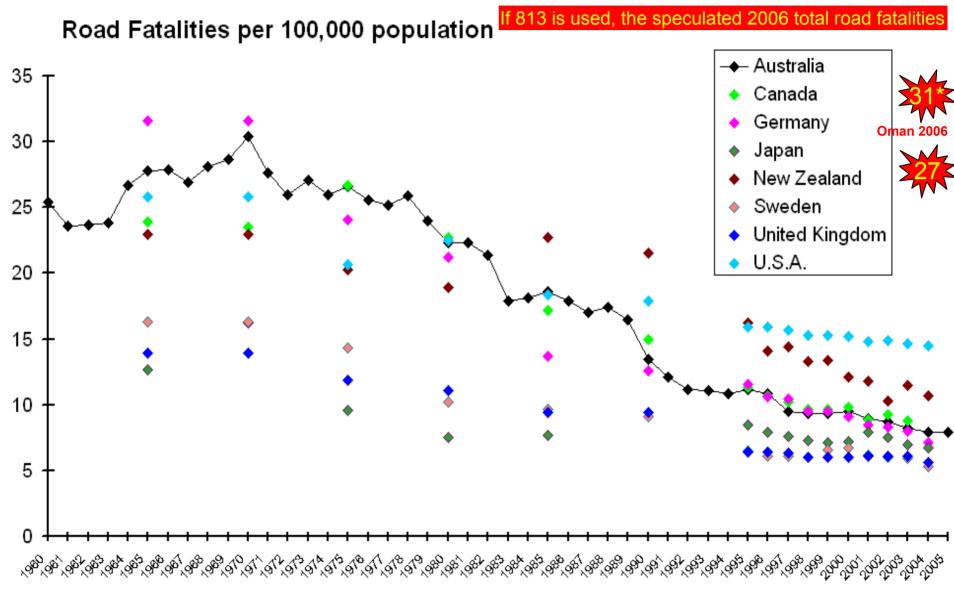
INDEX

#### http://www.salimandsalimah.org/aangeleverd/killerroads.pdf

happening in a population of just 2.4mn. Why is this happening?

CONTINUED ON PAGE 3

# Oman is 50 Year Behind...



http://www.monash.edu.au/muarc/reports/papers/fatals.html + http://www.salimandsalimah.org/crashes.htm

#### **Oman Is 50 Years Behind** Road Fatalities per 10,000 Registered Vehicles 12 Oman 2 \*: If 813 is used, the speculated 2006 total road fatalities Australia Victoria 10 U.S. U.K. $\sim$ $\wedge$ Canada Sweden 8 Germany $\times$ Japan $\times$ New Zealand 6 ð 4 2 0 ġ

69 2 7 2 2 7 7 7 7 7 8 9 8 8 8 8 88 8 88 8 8 9 82 8 8 8 4 97 88 8 2000 2002 2001

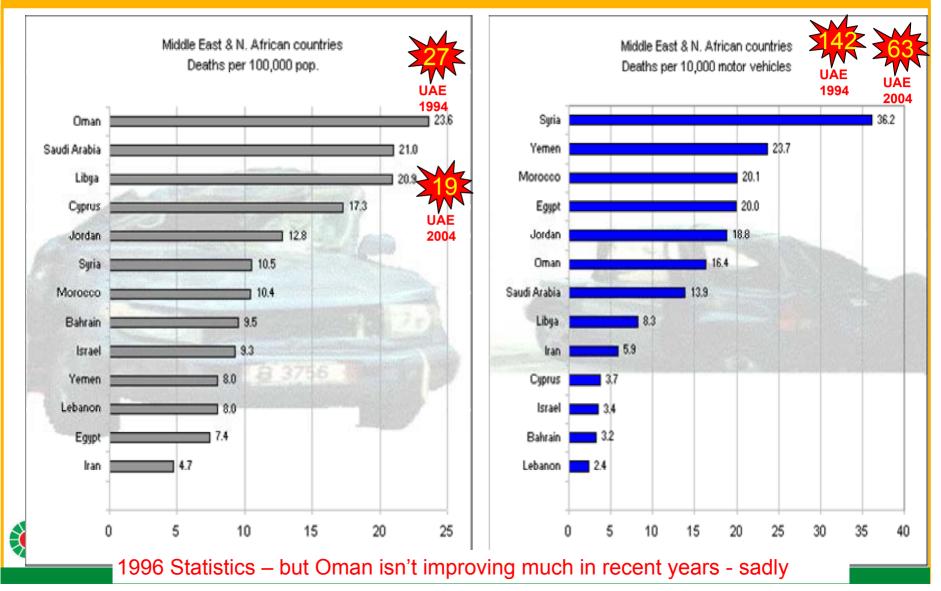
Fuping Zhu, ONPQ/23, June 02-07

ŋ ß ജ ድ R æ 5

http://www.monash.edu.au/muarc/reports/papers/fatals.html

2003 2004

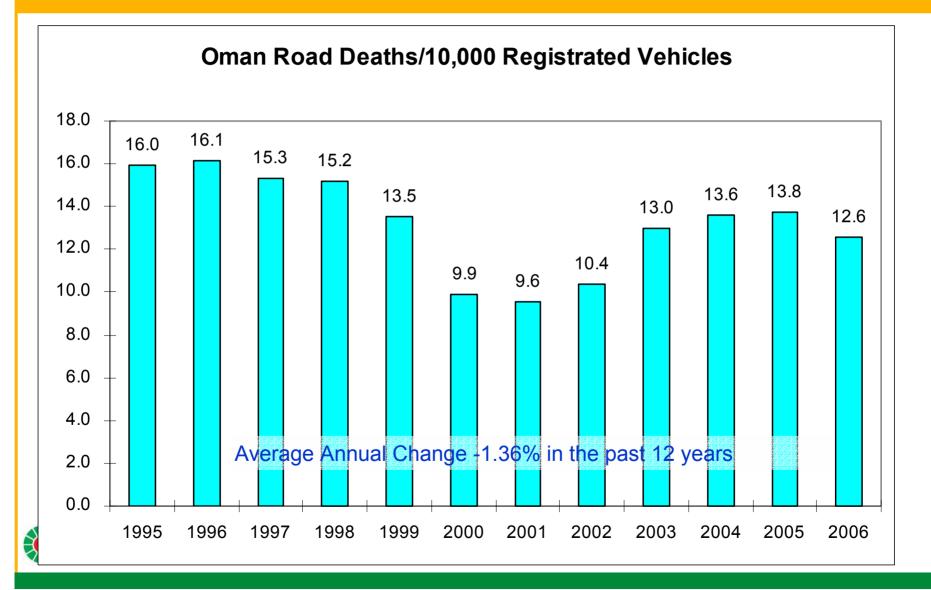
#### Oman is Among the Worst ...



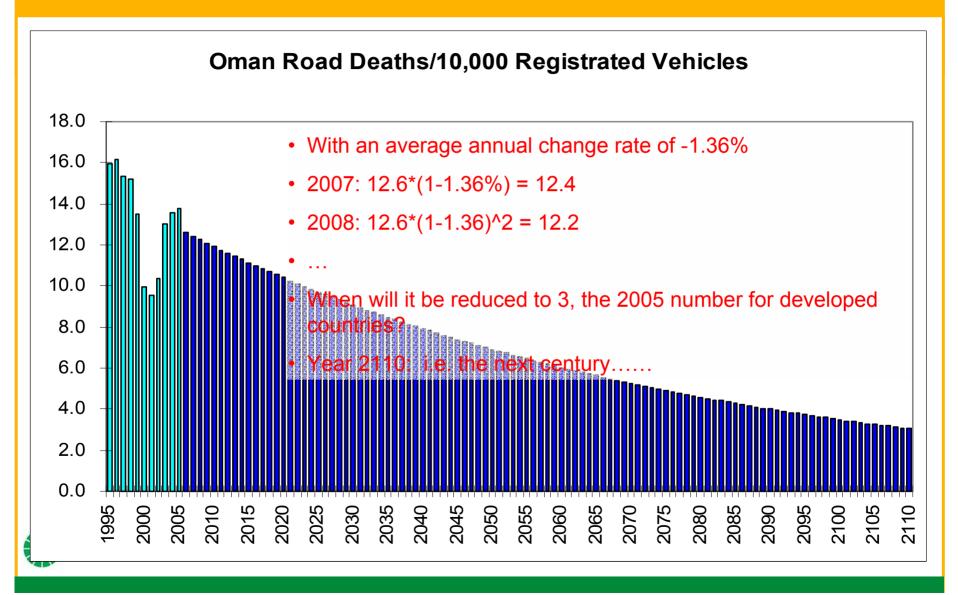
Fuping Zhu, ONPQ/23, June 02-07

http://www.factbook.net/EGRF\_Regional\_analyses\_Africa.htm

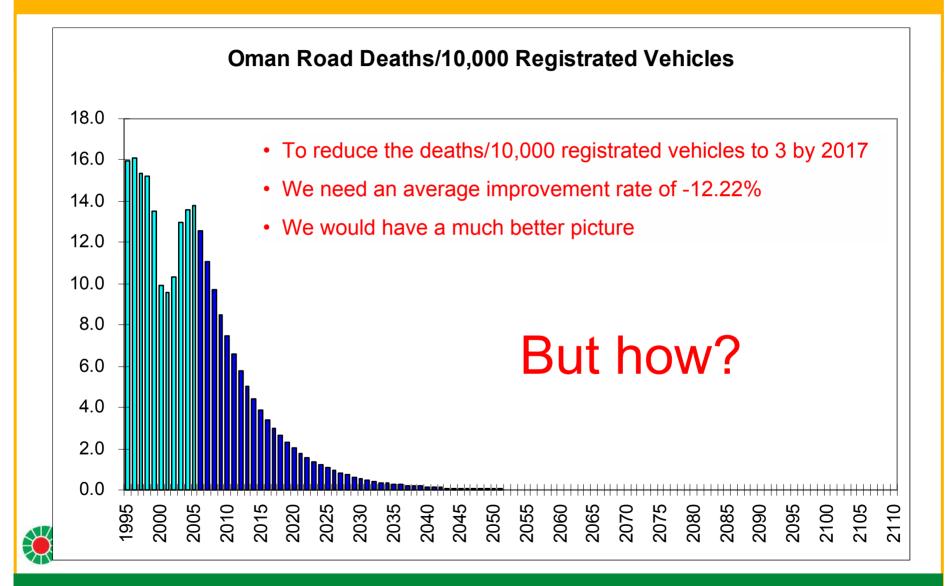
#### How Long Will It Take to Catch Up?



#### How Long Will It Take to Catch Up?



#### To Catch Up in 10 Years - 2017



### Leapfrogging - Concept



- Leap Frog is a children's game
- Leapfrogging is
  - a theory of development
  - a strategy used by the Allies in the Pacific War



a small infantry unit tactic for advancing towards an enemy position

# Leapfrogging - Intentional Strategy for **Oman Road Safety**

- Education
  - Correct Perception
  - > Improve behavior
- Advanced Technology:
  - > Electric eye
  - > GPS guided speed limit
  - **Jman in general** > Automatic obstacle detection & braking... DO leads of course!
- Efficient Infrastructure
  - Better road systems
  - > Powerful signs...

Start from ourselves! ffective Policies and implementation

**To catch up in 10 years?** 

- Not 50 years!!!

Learn from the best!

#### **Drivers/Passengers Attitudes**

- "Don't worry. I am a good driver."
- "He/She is a good driver. Don't worry."
- "You see? You left earlier; but I arrived earlier!"
- "Most children don't use child safety seats. What's the non-sense."
- "I know it's good to wear seat belt. But it's not comfortable. Maybe I will wear it next time."



#### **Wrong Perception**

# **Road traffic injury even death** is the price to be paid for achieving mobility and economic development.



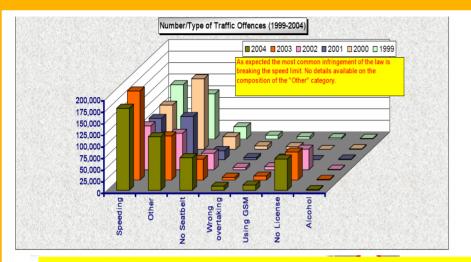
#### **Improved Perception**

# All road traffic accidents

# are preventable!



#### **Causes of Oman Road Accidents**

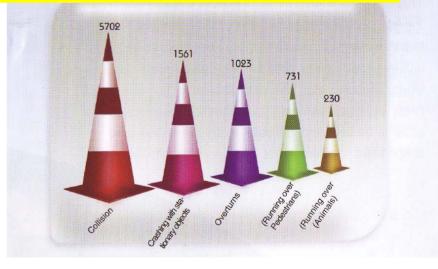


Traffic accidents on the Sultanate of Oman roads during 2005 were 9,247 accidents as follows:

Collisions	5702
Crashing with stationary objects	1561
Overturns	1023
Running over (Pedestrians)	731
Running over (Animals)	230
Total	9247

Observing speed limit, wearing seatbelts, using child safety seats...

CAUSE	NUMBER	DEATHS	INJURIES
Speed	5,236	386	4,454
Neglect	3,648	58	2,119
Tiredness	3	4	4
Drunk driving	76	7	50
Overtaking	165	88	357
Weather	25	4	39
Sudden stopping	11		11
Safely distance	350	3	77
Improper act	263	82	273
Vehicle condition	80	35	144
Road condition	11	14	20
Mobile Telephone	1	1. 2. 2. 2. 2. 2.	
Total	9,869	681	7,548



#### Fuping Zhu, ONPQ/23, June 02-07

#### http://www.salimandsalimah.org



Pick up a road safety DVD, a seatbelt sticker sheet, and talk to your family/friends about:





Fuping Zhu, ONPQ/23, June 02-07

Seatbelt picture from http://www.traffic.gov.om

### If PDO Changes the Hearts & Minds of...

- If PDO changes the Hearts & Minds of 8000 employees and contractors
- If each employee/contractor changes the Hearts & Minds of 10 family members/relatives
   → 80,000
- If they change the Hearts & Minds of 10 friends
  → 800,000
- If they change the Hearts of Minds of another 4 friends → 3,200,000
- All Oman residents & some visitors will have changed!
  A safe country to live, work, drive and walk.



#### How Are We Doing in 2007?

- Better HSE record than 2006
  - Oman: 253 deaths, 3011 injuries in 4035
    crashes (Jan. 1 to May 25)
    DDO: 0 fetality, 271 TL (Jan. 1 to June 1)
  - PDO: 0 fatality, 27 LTI (Jan. 1 to June 1)
- Make it even better



Fuping Zhu, ONPQ/23, June 02-07

Data source: http://www.salimandsalimah.org/ and PDO home page

# Acknowledgement

- My family
- My boss and officemates
- PDO D&I Team and MSE
- http://www.salimandsalimah.org/news.htm
  - Oman accident statistics 1999-2006
  - Great educational movies and brochures for children and adults
  - Bilingual Arabic & English target Omani parents and children
    - Improve driver behaviours
    - Increase the use of child safety seats

