

Strategies for implementation

- Maintain high-profile, credible consumer information
- Focus some resources on "implementation"
- Better monitoring and data collection and analysis
- Overcoming hurdles such as industry resistance

# 12 Year Progress Report

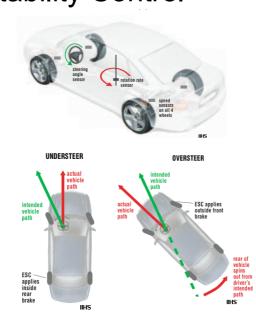
- The previous two slides are from the 1994 RTA Road Safety 2000 Review
- Still much to be done after 12 years
- Evidence of a good start
  - -1992 ANCAP crash test results
  - 1993 RTA Safe Vehicle Policy
  - 1994 RTA Safe Vehicle Selection Workshop for fleet managers
  - 1996 Staysafe "Vehicles as workplaces"
  - 1997 NSW Govt Fleet Safe Vehicle Selection Policy prepared

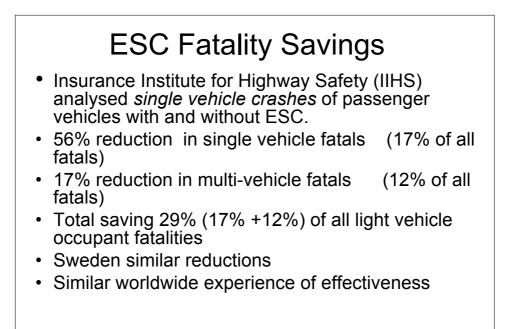
# Silver Bullets (aka Big Fixes)

- Some 2006 Silver Bullets
  - Electronic Stability Control
  - Safe Vehicle Selection
  - Head Protection in Side Impacts
  - Daytime Running Lights
  - Intelligent Speed Adaptation (ISA)

#### **Electronic Stability Control**

- Basic ESC detects when the vehicle is not following the intended course and applies braking to individual wheels to assist change in vehicle direction and keep vehicle facing in direction of travel
- Derived from ABS







- Sweden in Dec 2004 70% of new cars
- USA Feb 2006 50% of new cars, 66% of SUVs
- Australia 2006 Less than 5% of new cars

# Safe Vehicle Selection

- Used Car Safety Ratings show that least safe vehicles have twice the serious injury rate of better vehicles in the same class.
- There is proven correlation between NCAP and real world crashes
- So NCAP ratings are the best guide to prospective vehicle safety
- Need for ANCAP results on windscreen sticker and better internet access

# Savings from Safe Vehicle Selection

- Choosing a vehicle from the safest group in the class will half the risk of serious injury to driver
- Conservative estimate is a 15% saving in all serious injuries

# Head Protection in Side Impacts



Head/thorax side airbag

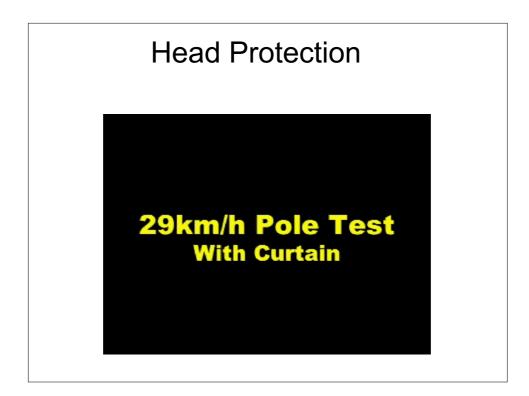


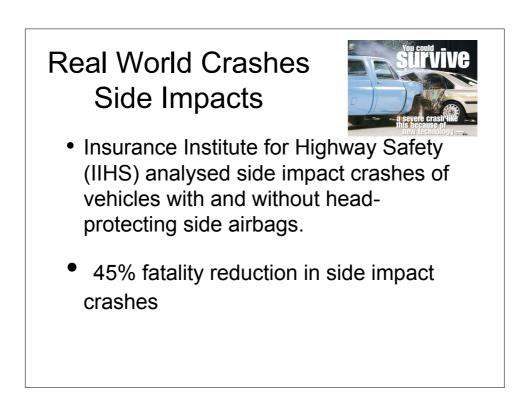
Inflatable Tubular Structure

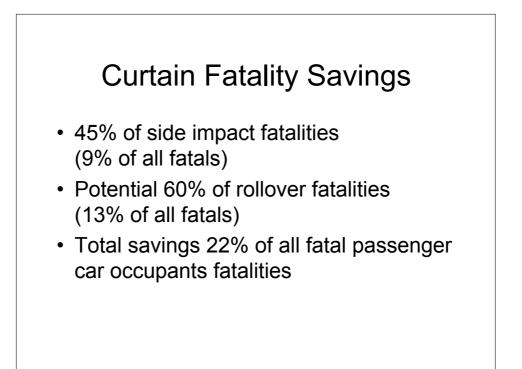


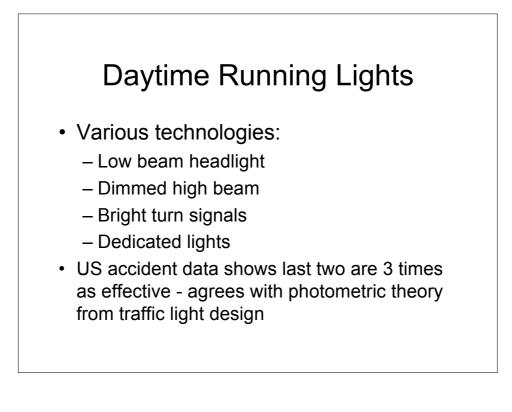
Side Curtain

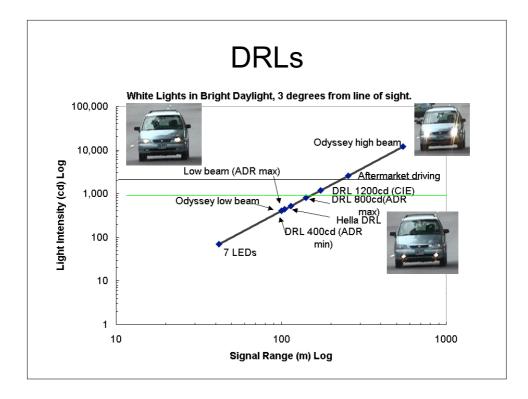


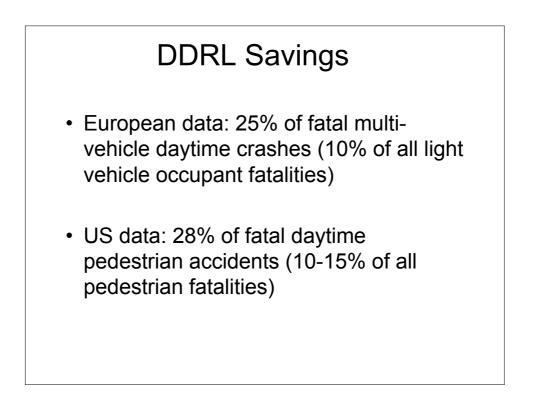


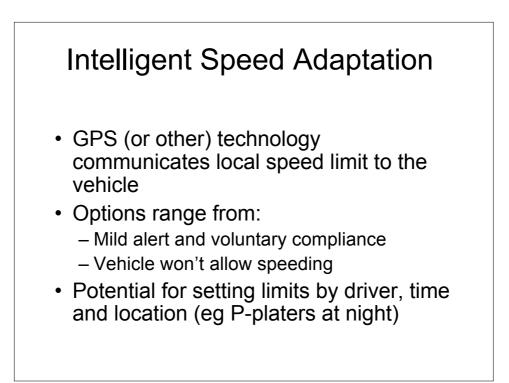


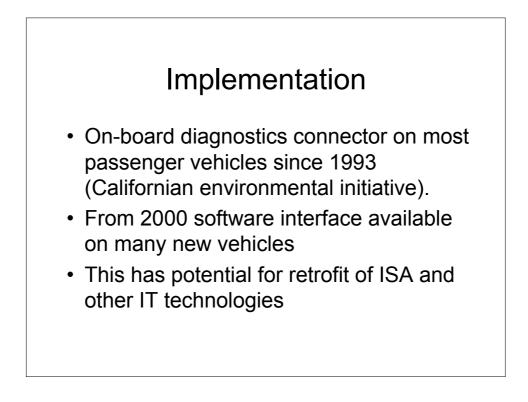


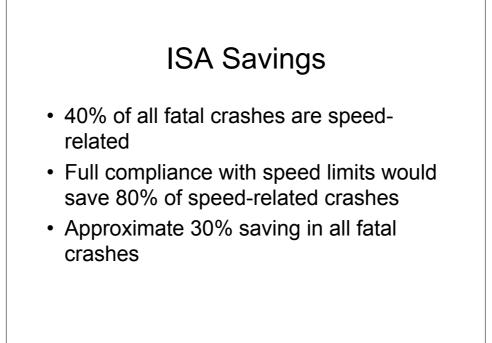












# Silver Bullets

- Electronic Stability Control 29%
- Safe Vehicle Selection 15%+
- Head Protection in Side Impacts 22%
- Daytime Running Lights 10%
- Intelligent Speed Adaptation (ISA) 32% (not cumulative)

