Mitigating climate change through sustainable urban mobility

Safe, Clean, Fair and Green - sustainable urban transport

SHEILA WATSON
Director of Environment and Research, and Deputy Director, FIA Foundation

Berlin, 1st June 2016
CATALYTIC PARTNERSHIPS:

- Evidence
- Capacity-building
- Advocacy
OUR ‘SAFE, CLEAN, FAIR & GREEN’ AGENDA

SAFE ROADS FOR ALL

FAIR ACCESS TO MOBILITY

CLEAN AIR FOR ALL

DOUBLE FUEL ECONOMY
Promoting ‘liveable’ cities
Road safety

• 1.25 million road traffic deaths in 2013

• Almost half of all deaths pedestrians, cyclists and motorcyclists

• 80% of roads where pedestrians are present which carry traffic at 40km/h or higher have no footpath.
Safe routes to school

• Over 500 children die each day
• Walkable pavements, safe road design, crossings and effective and appropriate vehicle speed management

#SaveKidsLives
Improve road safety on urban arterial roads

- At least 3* (out of 5) for safety, as measured by International Road Assessment Programme (iRAP)
Prioritise pedestrians and cyclists

Share The Road

Increase Investment in Walking and Cycling Infrastructure

- Increase investments in Non Motorised Transport (NMT) to encourage active, low carbon mobility
Share the Road: Triple Win Opportunity

Environment
- Reduces GHG & air pollutants
- Improves resource-efficiency in land use and energy

Safety
- Protects vulnerable users through proper facilities
- Improves safety for all users by minimizing conflict

Accessibility = Development
- Improves affordable access to vital services
- Saves lives and money
Improve air quality

• 3.7 million deaths a year attributable to outdoor air pollution
• Black carbon from exhausts also contributes to climate change – need low sulphur fuel and particulate filters

of all Stroke related deaths, are attributable to outdoor air pollution.

of all heart disease deaths, are attributable to outdoor air pollution.

of all Chronic Obstructive Pulmonary Disease Deaths are attributable to outdoor air pollution.
Double vehicle fuel economy

- Existing cost-effective technology has potential to save
- 33Gt of CO2 by 2050
- financial savings of $2bn by 2025
- Improved energy security and balance of payments
Current progress towards GFEI’s goal of doubling fuel economy (l/100km)

Potential CO₂ saved from doubling fuel economy
Invest in women’s transport security

• Women’s personal security on public transport is a right
• Harassment is experienced daily all around the world, but not well understood as under-reported.
All part of wider sustainable development agenda

Health target 3.6 builds on the UN Decade of Action for Road Safety with the ambitious objective of halving road traffic deaths by 2020. Target 3.9 seeks substantial reductions in deaths from air pollution.

Our Global Fuel Economy Initiative makes a vital contribution to Energy target 7.3, and we are working with the G20 to improve vehicle fuel efficiency.

Ensuring safe, sustainable and healthy urban mobility is at the heart of Cities targets 11.2 & 11.6, and must be at the core of the 2016 Habitat III debate.

Through our work on vehicle fuel efficiency and low-carbon mobility, the FIA Foundation supports the Climate Goal, and the wider UN climate change process.