



Road vehicles and climate change mitigation  
*What are vehicle users' perspectives?*

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# Roles



- Essential roles
  - promote the interests of motoring organisations and motorists throughout the world via campaigns and activities
  - govern motor sport worldwide



# Our Objectives



- Voice our members views on key issues of concern



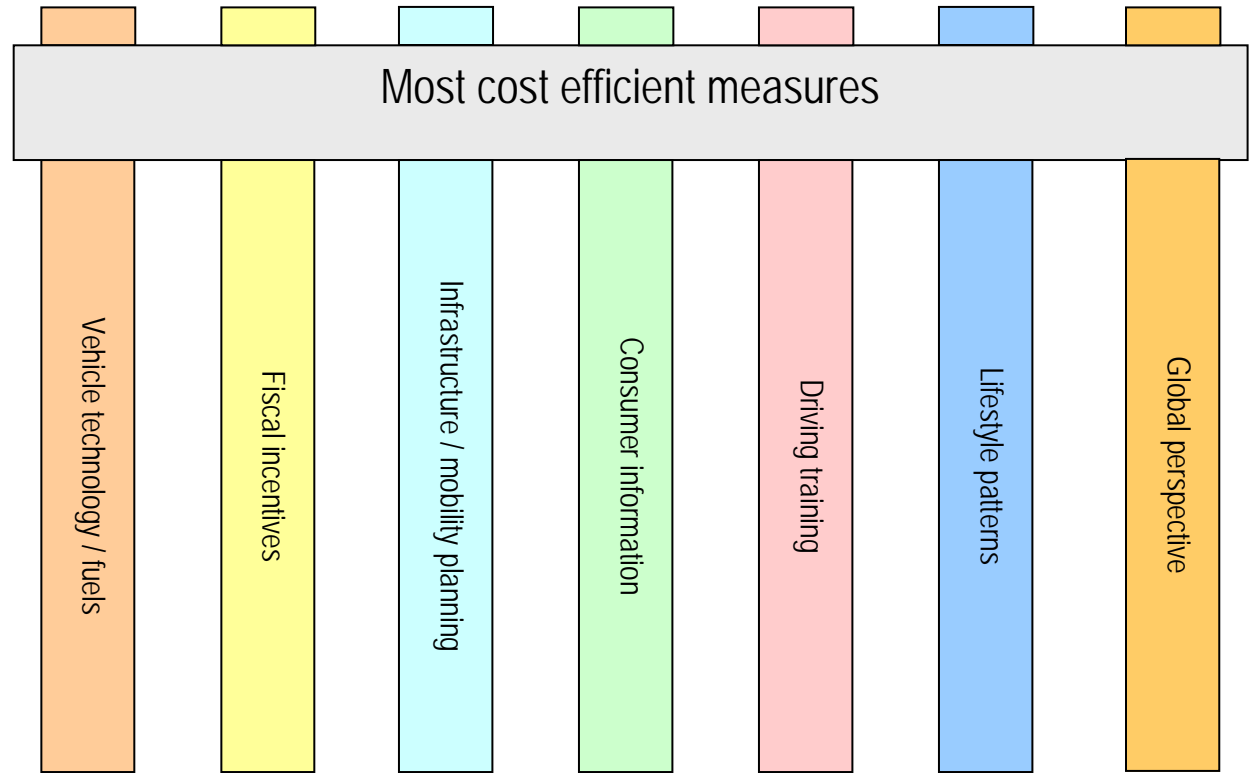
# How do we get there?



## The user perspective:

- **Combined progressive measures**
  - vehicle & fuel technologies
  - road infrastructure
  - driver behaviour
- **FIA clubs inform consumers**
  - most fuel-efficient & cleanest cars
  - how to drive in the most fuel-efficient way
  - fuel quality
- **Sustainable motoring to be a shared responsibility between industry, policy makers and mobile consumers**

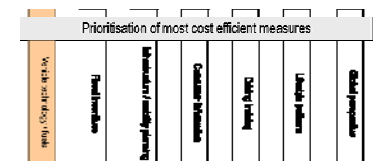
# How do we get there?



# Vehicle technology / fuels



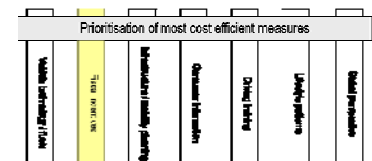
- Objective
  - enhance technological innovation & bring new technologies to market
- New test cycle
  - one product sold anywhere in the world / one test procedure for emissions & energy consumption
  - standardisation of certification process
  - real driving patterns: urban, extra urban & motorway
  - broad scope including OBD, durability, off-cycle behaviour



# Fiscal incentives



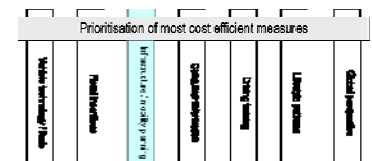
- Targeted financial incentives
- Goal-oriented taxation
- Underpin development of CO<sub>2</sub> efficient technologies, fuels and infrastructure



# Infrastructure / mobility planning



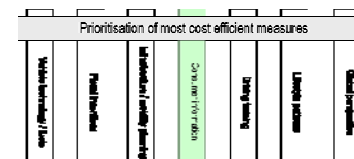
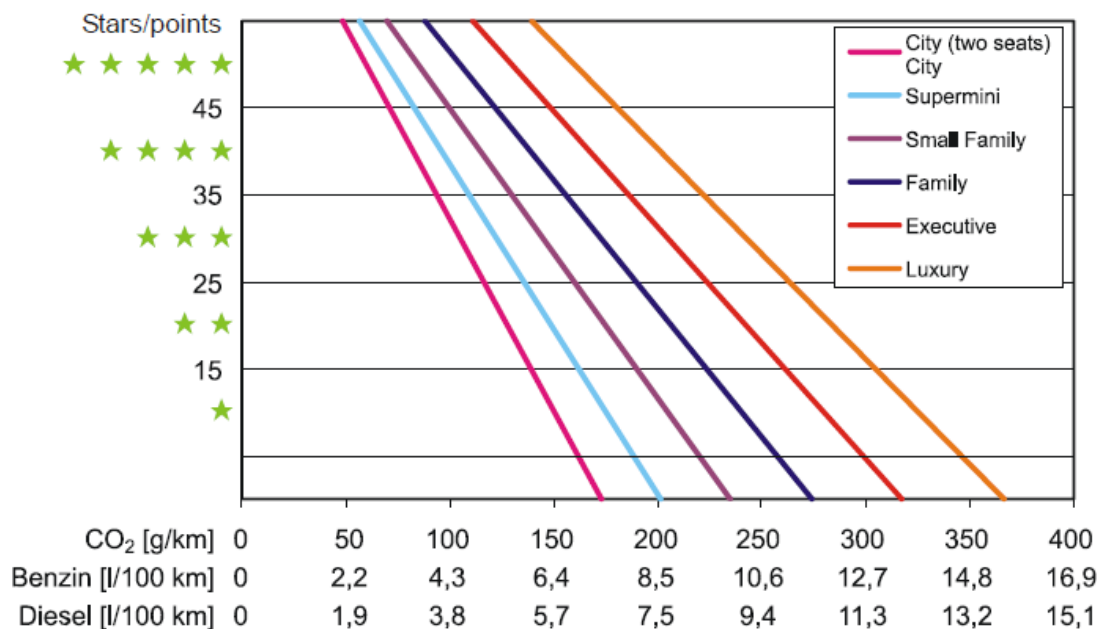
- Objective
  - remove bottlenecks & missing links
  - reduce congestion
- Optimising
  - road infrastructure
  - traffic management (e.g. telematics)
  - integrated mobility planning



# Consumer information



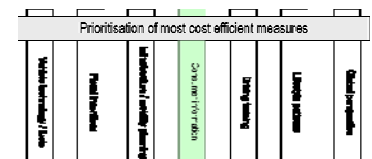
- EcoTest makes information widely available to consumers
- Vehicle class dependant rating system



# Consumer information



- Environmental labelling of new cars



# Consumer information



- Awareness campaigns



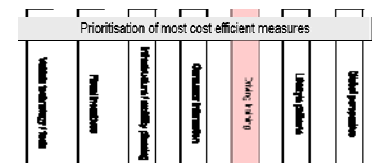
 **MAKE CARS GREEN**



# Driving behaviour



- Fuel efficiency gain through change in driver behaviour
- Fuel efficient driving
  - to be part of novice driver training
  - advanced driver training to sustain long-term effect
- On-board diagnostics to inform drivers
  - about consequences of driving habits & maintenance
  - gear-shift indicators

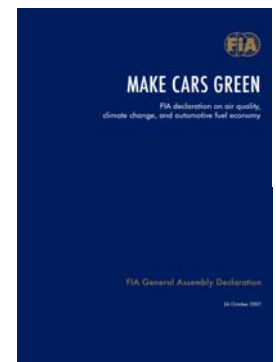


# Driving behaviour



- FIA 10 Points for Greener Motoring

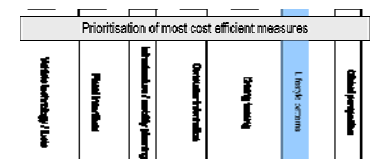
- ✓ Buy Green
- ✓ Plan your journey
- ✓ Check tyre pressures frequently
- ✓ Reduce loads and try to avoid the need for roof racks
- ✓ Don't warm up your engine before starting off
- ✓ Use air conditioning only when necessary
- ✓ Accelerate gently and keep your speed constant
- ✓ Use engine braking
- ✓ Don't idle your engine
- ✓ Offset your CO<sub>2</sub> emissions



# Lifestyle patterns



- Move towards service-based economy
- Flexible concepts regarding working patterns – flexitime or teleworking to reduce congestion
- Staggering school holidays
- Extending the principle tourist seasons







Thank you for your attention

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