



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



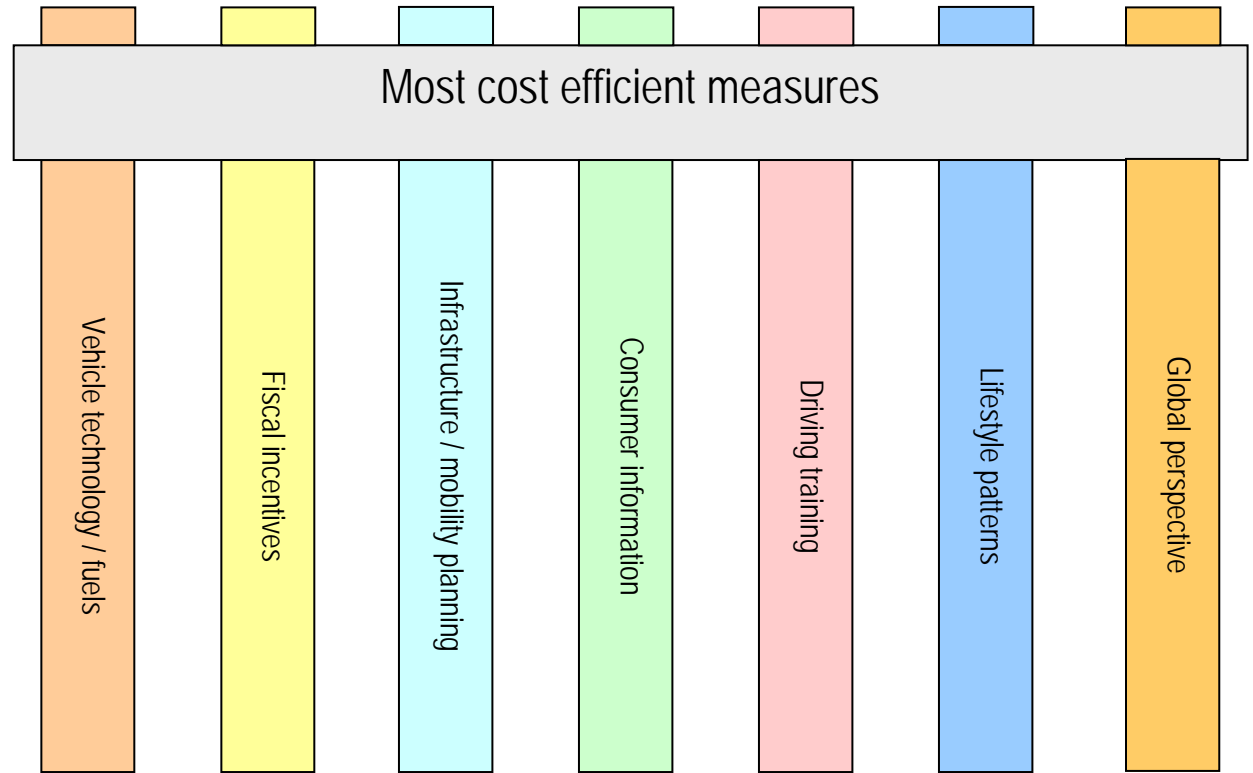
How do we get there?



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**

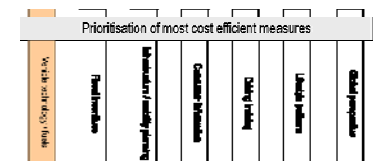
How do we get there?



Vehicle technology / fuels



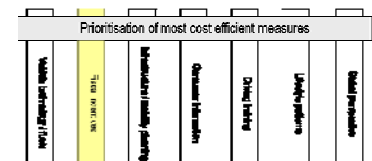
- Objective
 - enhance technological innovation & bring new technologies to market
- New test cycle
 - one product sold anywhere in the world / one test procedure for emissions & energy consumption
 - standardisation of certification process
 - real driving patterns: urban, extra urban & motorway
 -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



Fiscal incentives



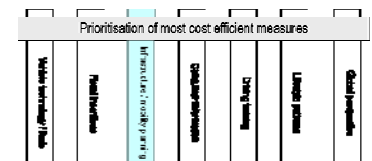
- Targeted financial incentives
- Goal-oriented taxation
- Underpin development of CO₂ efficient technologies, fuels and infrastructure



Infrastructure / mobility planning



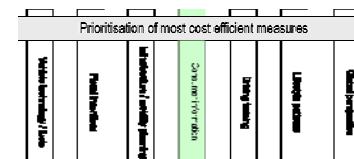
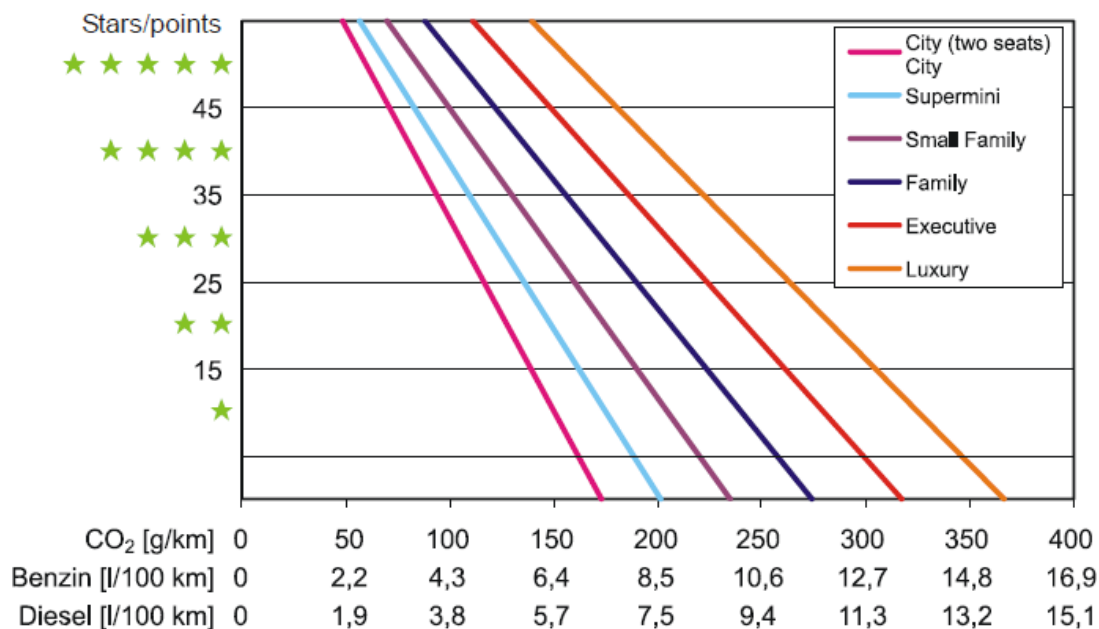
- Objective
 - remove bottlenecks & missing links
 - reduce congestion
- Optimising
 - road infrastructure
 - traffic management (e.g. telematics)
 - integrated mobility planning



Consumer information



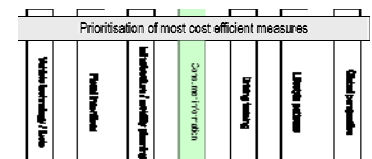
- EcoTest makes information widely available to consumers
- Vehicle class dependant rating system



Consumer information



- Environmental labelling of new cars



Consumer information



- Awareness campaigns



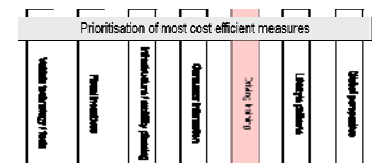
 **MAKE CARS GREEN**



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

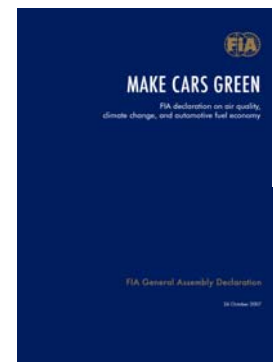


Driving behaviour



- FIA 10 Points for Greener Motoring

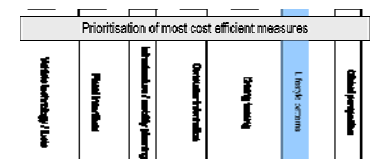
- ✓ Buy Green
- ✓ Plan your journey
- ✓ Check tyre pressures frequently
- ✓ Reduce loads and try to avoid the need for roof racks
- ✓ Don't warm up your engine before starting off
- ✓ Use air conditioning only when necessary
- ✓ Accelerate gently and keep your speed constant
- ✓ Use engine braking
- ✓ Don't idle your engine
- ✓ Offset your CO₂ emissions



Lifestyle patterns



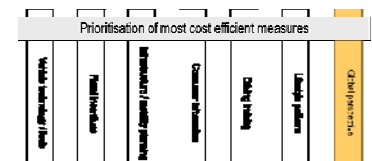
- Move towards service-based economy
- Flexible concepts regarding working patterns – flexitime or teleworking to reduce congestion
- Staggering school holidays
- Extending the principle tourist seasons



Global perspective



- Global character of the issue
- Knowledge sharing on energy efficient technologies





Thank you for your attention

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