Innovative Road Infrastructure for a Clean and Safe Mobility

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Roads are there for everybody...not just cars!
Innovative Road Infrastructure for a Clean and Safe Mobility

Reducing the impact of the Road Sector

Socio-Economic

Mobility demand

Restricting Mobility
Shaping and Managing demand
Change behavior

Mitigation

Operational

Infrastructure

Planning
Design
Construction
Maintenance
Operation

Improve and adapt

Mitigation+Adaptation

IRF
• Planning
  – SEA (Portugal)
  – GIS technology
• Design
  – SINTEF Report
  – Habitat fragmentation
• Construction
  – Pavement
  – Signalisation
  – Noise barriers
  – IRF GHG Calculator
• Maintenance
  – LTPBC
• Operation
  – ITS and TMS
The way forward …

• Strong political will
• Greater sense of realism
• Approach maximising existing technologies and best practices
• Indicators and assessment tools (IRF GHG Calculator)
• Green rating systems