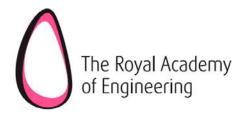


# Transport Policy How should road congestion be managed?

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## How should road congestion be managed?

- Road congestion is not the only problem
- Solutions now need to be set in the context of a long term vision
- Better management and pricing of roads is not the only solution
- A holistic approach is needed, coupled with more effective governance of transport
- Transport 2050: the route to sustainable wealth creation offers such an approach



# Road congestion is not the only problem

- Congestion costs the UK around £15bn p.a.
  - 15% more per capita than France
  - 40% more per capita than Germany
- There are 3,400 fatalities and 300,000 casualties each year on the UK's roads
  - We have one of the lowest casualty rates
  - But time spent on road travel is still eight times as dangerous as the rest of everyday life



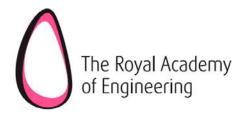
# Road congestion is not the only problem

- While pollution levels have fallen, transport is still a major contributor to many pollutants
  - And early deaths from traffic pollution may exceed 10,000 p.a.
- Transport contributes 21% of the global warming gases emitted in the UK, and up to 28% of CO<sub>2</sub>
- Over a quarter of households still do not have cars
  - Yet our fares are the highest in Europe, and our bus services (outside London) the least coordinated
  - 40% of job seekers cite poor transport as a barrier



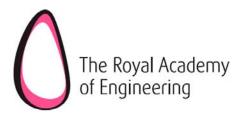
# Some, at least, of these problems are likely to get worse

- Road traffic may increase by 50% over the next 50 years
  - Equivalent to all the traffic in 1977
- The EC predicts that congestion costs may double in the next decade
- CO<sub>2</sub> emissions could increase by 12% by 2015 and 30% by 2050

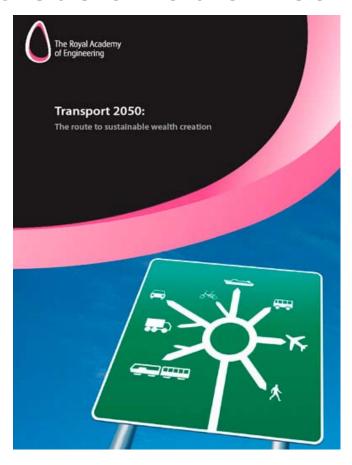


#### Our vision

- A land, sea and air transport system that
  - underpins the continuing prosperity of the UK
  - supports wealth creation
  - enhances quality of life
  - respects the environment
  - meets social needs
  - contributes to long term sustainability
- A fifty year vision for world class transport



### Transport 2050: the route to sustainable wealth creation



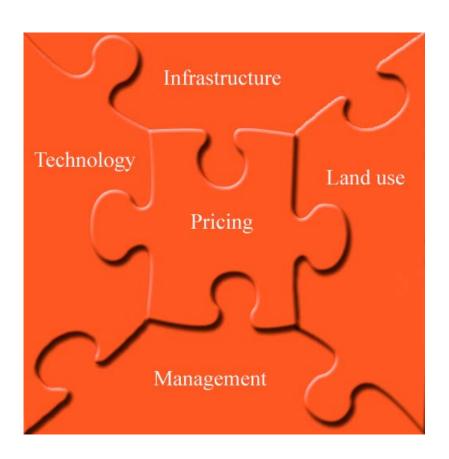


#### No one solution

- Transport performs as a system
  - Poor public transport encourages car use
  - Infrastructure investment stimulates longer journeys
  - Growth in passenger travel disrupts freight
  - Inadequate ports and airports discourage international business
- Thus transport needs to be planned and operated as a system



### A holistic approach





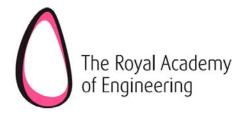
#### **Pricing**

- True cost charging
  - All users pay the true cost of their journeys
    - Providing, maintaining, enhancing the system
    - Indirect costs of congestion, pollution, accidents
  - For road users most charges distance-based
    - With higher rates in congested, sensitive areas
    - And with charges replacing vehicle, fuel taxes
  - For public transport, air
    - Similar principles
    - With simplified fare structures



#### Infrastructure

- New infrastructure will still be needed
- But should reflect the changes in demand from, and willingness to pay, true cost charges
  - New roads to relieve congestion, protect the environment, access ports
  - Rail investment to relieve bottlenecks
  - Guided bus and light rail
  - Port and airport enhancements



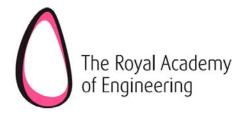
### Management

- Better use of low cost traffic management
  - To increase capacity on the national road network and in urban areas
  - To reduce casualty rates
    - The most cost-effective solution
- Regulated competition for buses outside London
  - Giving greater control over service levels, fares and performance



#### Technology

- Information technology
  - To operate true cost charging
  - To provide better information to operators and users
- Continued development of vehicle and engine technologies
  - To reduce pollution, global warming
- Better infrastructure design and maintenance
  - To protect the environment



#### Land use

- While land use policies on their own will not significantly reduce travel, they can make transport policies more effective
- Land use policies should promote
  - Higher density development
  - Development in association with public transport
  - Limited private parking provision
- Major developments should not be countenanced where transport cannot meet their needs



### More effective governance

- National strategy developed by DfT
  - Covering all modes and policies
  - Looking ahead at least 30 years
  - Ideally attracting all party support
  - Long term and stable leadership
- Regional and local strategies developed within that context
- Implementation by effective agencies operating at arm's length from government
  - A National Roads Corporation
    - Responsible for an expanded national road network
  - A National Rail Corporation



### The way ahead

- A fifty year vision of a world class transport system
- But action needed now, particularly on
  - pricing
  - infrastructure
  - governance
- And commitments need to be long term and consistent