

Road transport and climate change



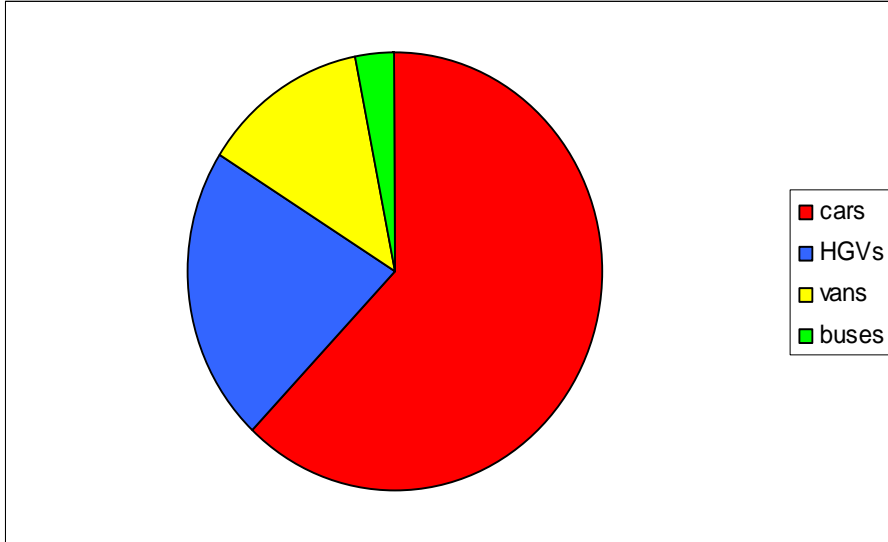
Proposition we are considering is

In the brave new world of closer integration between transport and climate change work, are we still calling for traffic reduction? And if we are, is that enough to tackle the climate change impacts of transport or do we need to do more?

Road transport and climate change

- **The scale of the problem**
- **Policy to tackle the problem**
- **What we're planning to do**

Road transport emissions



Road transport emissions about 22% UK total

Shares within this

Cars

HGVs

Vans

Buses

Current problems

“It is clear that the Department for Transport will fall significantly short of its expected contribution to the domestic climate change targets ... the deadline for the 2010 domestic carbon reduction target is fast approaching and we are far off track”

(House of Commons Transport Committee)

What do we need to do?

- **Travel less**
- **Change how we travel**
- **Greener cars**
 - **more fuel-efficient**
 - **different fuels**

Not just personal travel, but freight too

So what do we need to do

Travel less

- **Land use planning**
- **Tele / video-conferencing**
- **Working from home**
- **Home delivery shopping**

Change how we travel

- **Better alternatives**
- **Get price signals right**
 - **increase cost of motoring**
 - **road user charging?**
 - **fuel tax?**
- **'Soft measures'**
 - **travel plans, personalised information**

Alternatives – look at London

Nottingham – traffic down while economy boomed

York – cycling = 15-20% journeys to work

Put up fuel tax by 10% in real terms would reduce fuel use (less travel, smaller cars) by 2.5% in a year, 6% longer run

RUC – not revenue-neutral

Neutral leads to traffic up, CO2 up

Revenue-raising leads to traffic CO2 down 8%

Travel plans – workplace plans reduce car commuting by c18%

Travel information - Frome car travel down c9%

Smarter choices overall shows 11% cut possible

Greener cars

More efficient cars

- **Mandatory emissions standards**
- **Put up car tax to change buying habits**

Fuels

- **Short / medium-term = hybrids / biofuels**
- **Longer term = fuel cells / hydrogen?**

As well as mandatory standards, need wider VED bandings to give right price signals

Enforce speed limits on motorways and dual carriageways could reduce transport CO2 by 3%

Driving at 50mph not 70mph uses 30% less fuel

Better driving style (lower speeds, better use of gears, less rapid acceleration) could reduce fuel consumption by 10-15%

Freight

- **Local sourcing**
- **Shift from road to rail**
- **Improve fuel efficiency**
- **Driving style**

Multiple dividend

Not just climate emissions but also helps

- **tackle social exclusion**
- **reduce congestion**
- **reduce air pollution**
- **improve safety**

What are we working on?

- **Traffic reduction**
- **Road building**
- **Taxation**
- **Road user charging**
- **Greener cars**
- **Freight**
- **Transport & climate awareness**
- **Commentary on transport policy**

What are we working on?

Traffic reduction

- **Travel less / better alternatives**
- **LTPs**
 - action guide
 - training days

Road building

- **Climate impacts**
- **Priority schemes**
- **Other schemes**

What are we working on?

Taxation

- **Fuel tax**
 - Respond to protests - case against cuts
 - Escalator?
- **VED**
 - Reform to give real incentives
- **Pre-Budget = key focus**

What are we working on?

Road-user charging

- **Big current debate**
- **Must be designed to tackle climate change**
- **Must put up cost of motoring / cut cost of public transport**
- **Must be part of package of traffic reduction measures**
- **No more private toll roads**
- **Don't use to fund road-building**

What are we working on?

Greener cars

- **New emissions limits = tougher, mandatory**
- **EU-level campaign**
- **Local angles too?**

Freight

- **Research**

Transport & climate awareness

Your role

LTPs

Opposing road building

Transport & climate awareness

'New' issues: greener cars, freight etc

What we have to do

Better national / local integration

Provide support for 'core' work

**How to take on 'new' issues: information,
guidance, simple ideas**

Advisory group

Dates for your diary

LTP training days

- **Sat 1st October – London**
- **Sat 15th October – Manchester**

FOE transport & climate training day

- **Sat 22nd October - Birmingham**