

The Foundation for Science and Technology

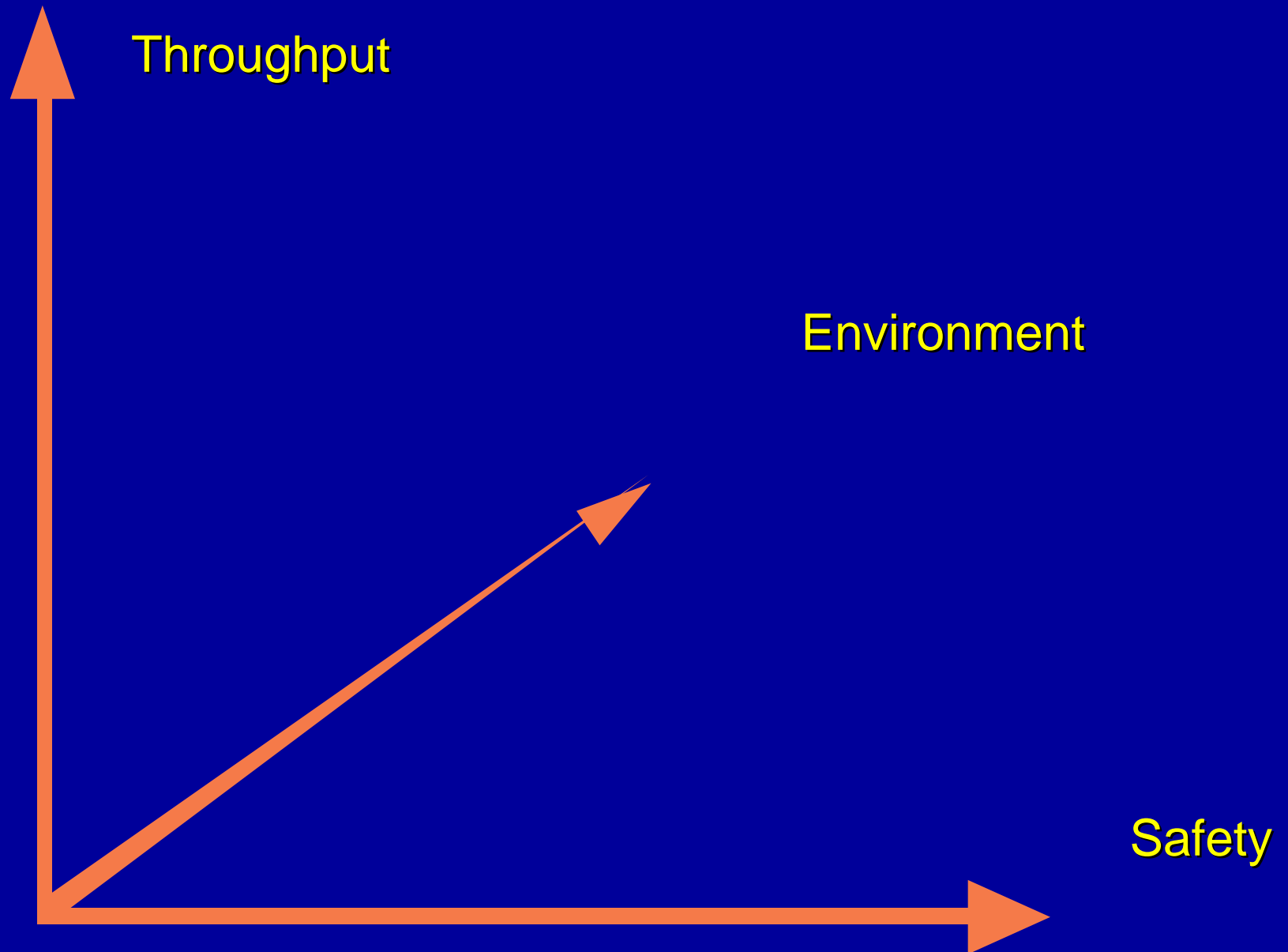
Graham Pendlebury

**Director of Road and Vehicle Safety &
Standards**

Department for Transport



Changing Transport Provision 1



Changing Transport Provision 2

Types of Solution

- Control Demand
- Increase Capacity
 - More roadspace
 - More effective vehicles
- Get more out of existing infrastructure
 - Manage it differently
 - Use it differently

ITS — Intelligent Transport Systems — can deliver on all aspects

Control Demand

Congestion
charging
zone



Mon - Fri
7 am - 6.30 pm

2½ miles



Ring road
(A3, A2, A13)

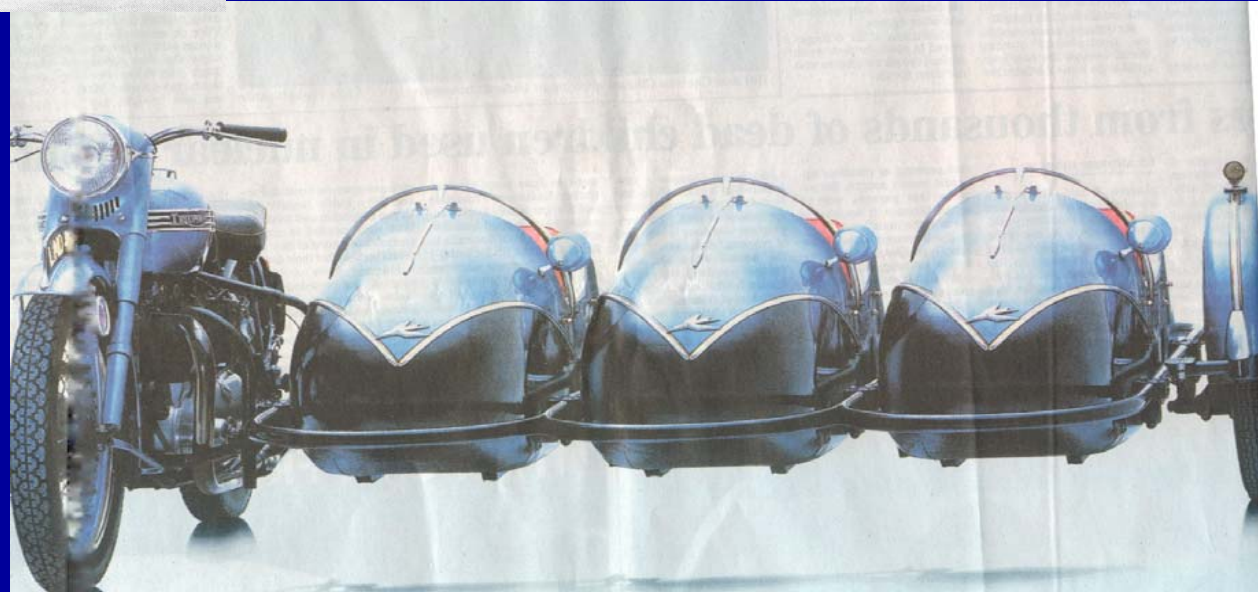
The City
Peckham A202



Westminster
A3212

Hammersmith
A3212

Increase capacity 1



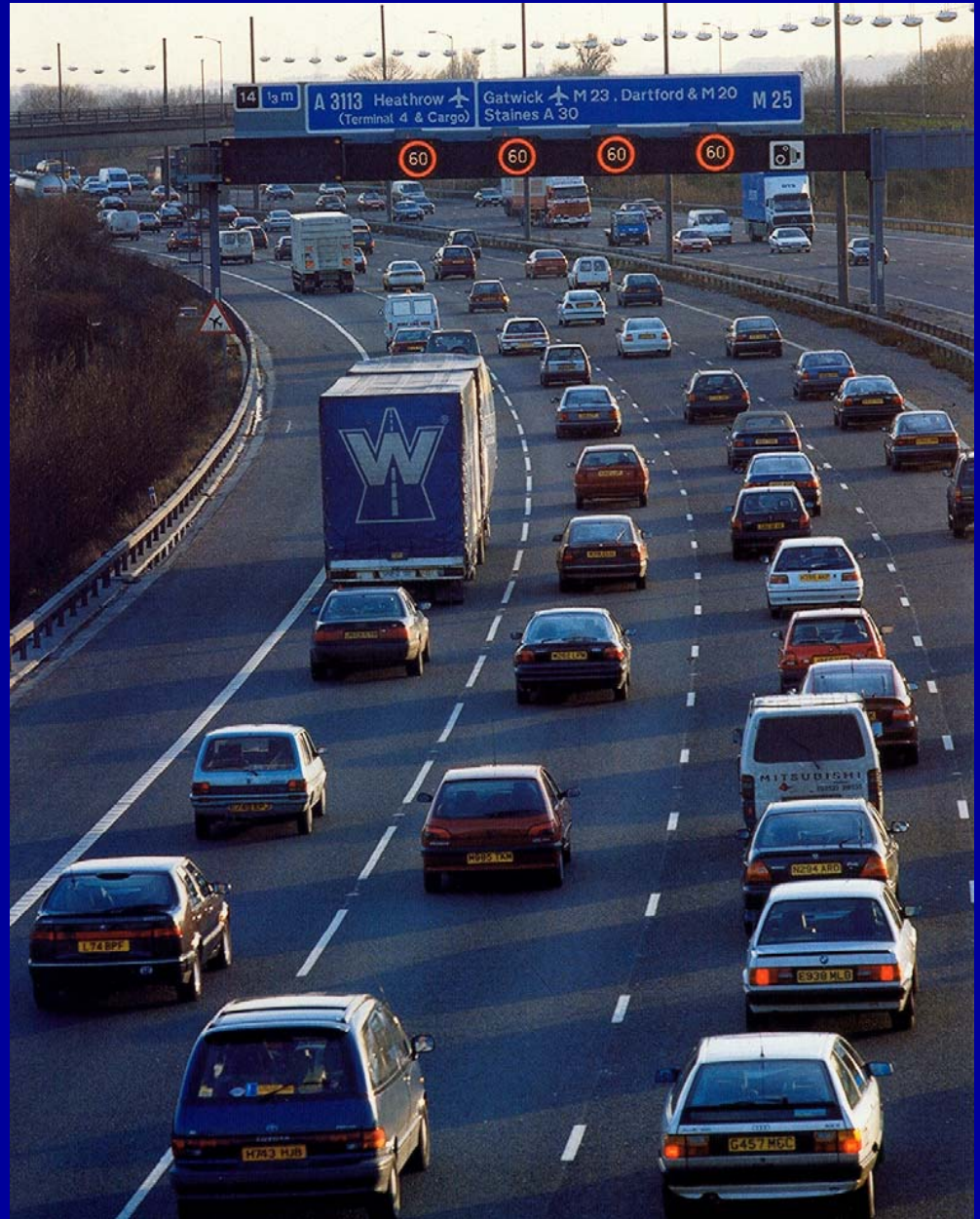
Increase capacity 2



Increase capacity 3



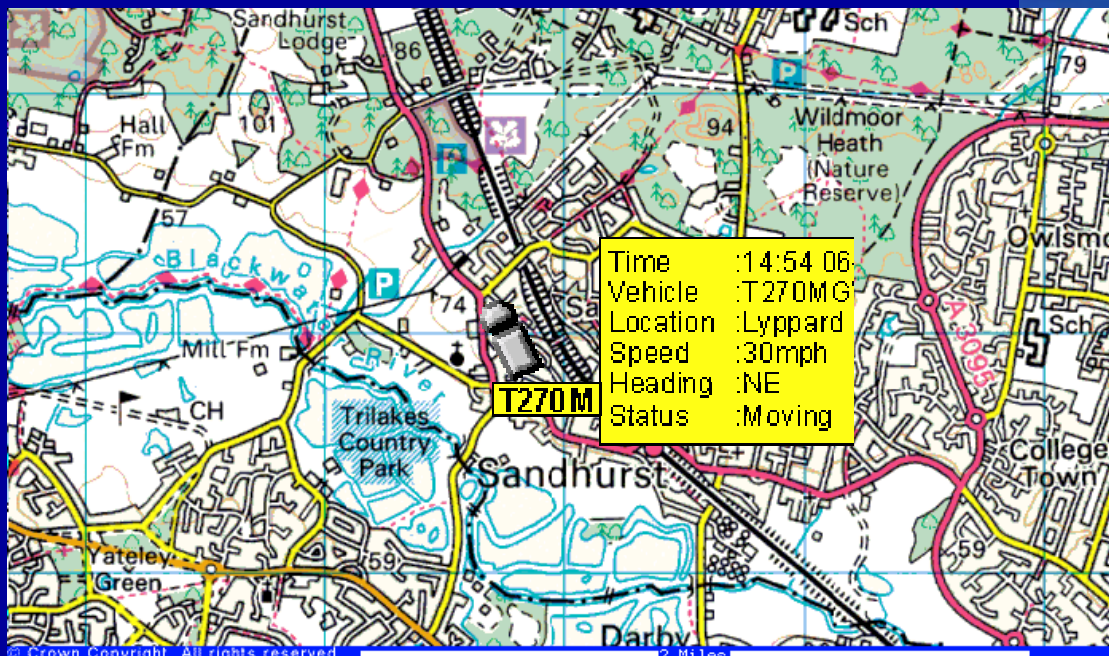
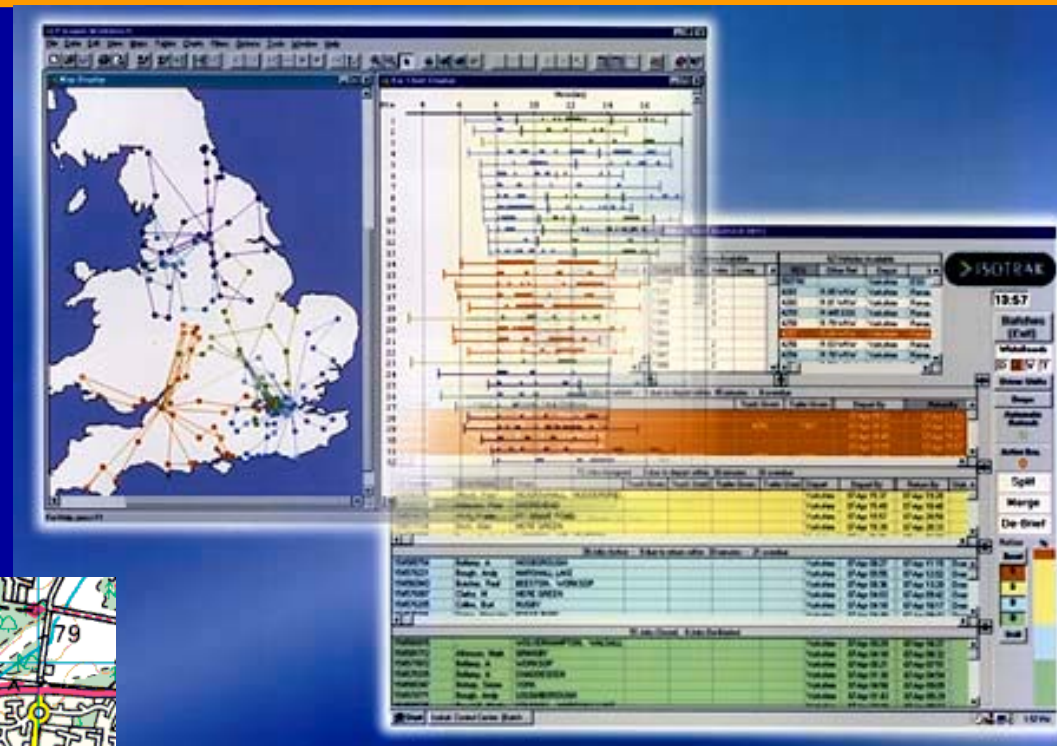
Manage the infrastructure 1



Manage the infrastructure 2



Manage the Fleet



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2 Miles

Change people's behaviour



Coping with changing needs

**TELEMATICS &
INFORMATION
INFRASTRUCTURE:**

**“INTELLIGENT
TRANSPORT
SYSTEMS”**

= ITS

ITS Tools . . .

Combine

- Information Technology
- Communications
- Sensors
- Maps and Databases

To deliver journeys/services that are

- More efficient
- Safer
- More comfortable

For Rail, Air, Maritime and Road

