

# ITS and Road Management

**Prof Nick Hounsell**

Transportation Research Group

Faculty of Engineering and the Environment

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# Road (Traffic) Management

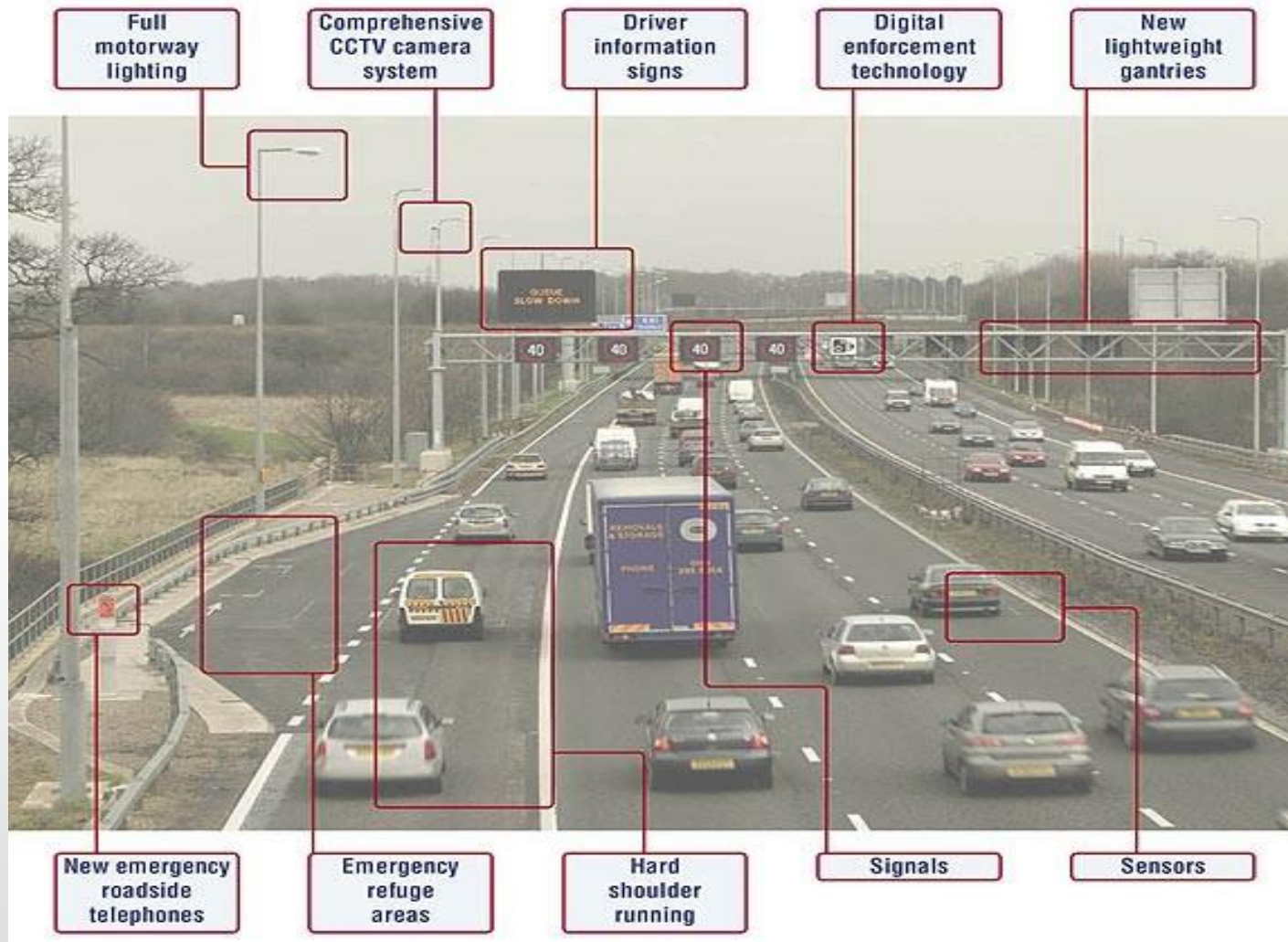
- **Managing traffic to make best use of the available road space:**
  - **according to the road function**
  - **considering all road users, and**
  - **‘optimising’ the movement of people and goods, not vehicles**

# A UK success story – using ITS

In both Towns/Cities and on Motorways



# SMART Motorways



## Information Sources

Physical reports (Police, etc)

Car park monitors

Motorway traffic sensors and cameras

Urban traffic sensors and cameras

Environmental and weather reports

## Information Processing

Strategic and geographic information database  
Real-time and historic data

Public transport schedules and real-time information

## Controlled Priorities

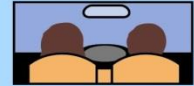


Synchronised 'real-time' responsive traffic signals for flow control

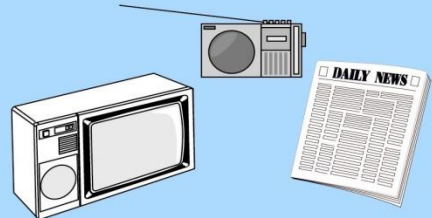
P	City Centre Parking	P
North	600 Spaces	
South	705 Spaces	
West	200 Spaces	

i	Traffic Information	i
A39 M3	600 Spaces	
Eastleigh	705 Spaces	
London	200 Spaces	

## Information Dissemination



In-vehicle information systems



Better information through established media

Electronic bus information display, WAP and SMS



On-line data for business and home use



Variable message signs on urban roads and motorways



Coordinated improvement of alternatives to car transport

# ROMANSE

# and there is more to come!

- Co-operative systems.....
- Automated systems/vehicles.....

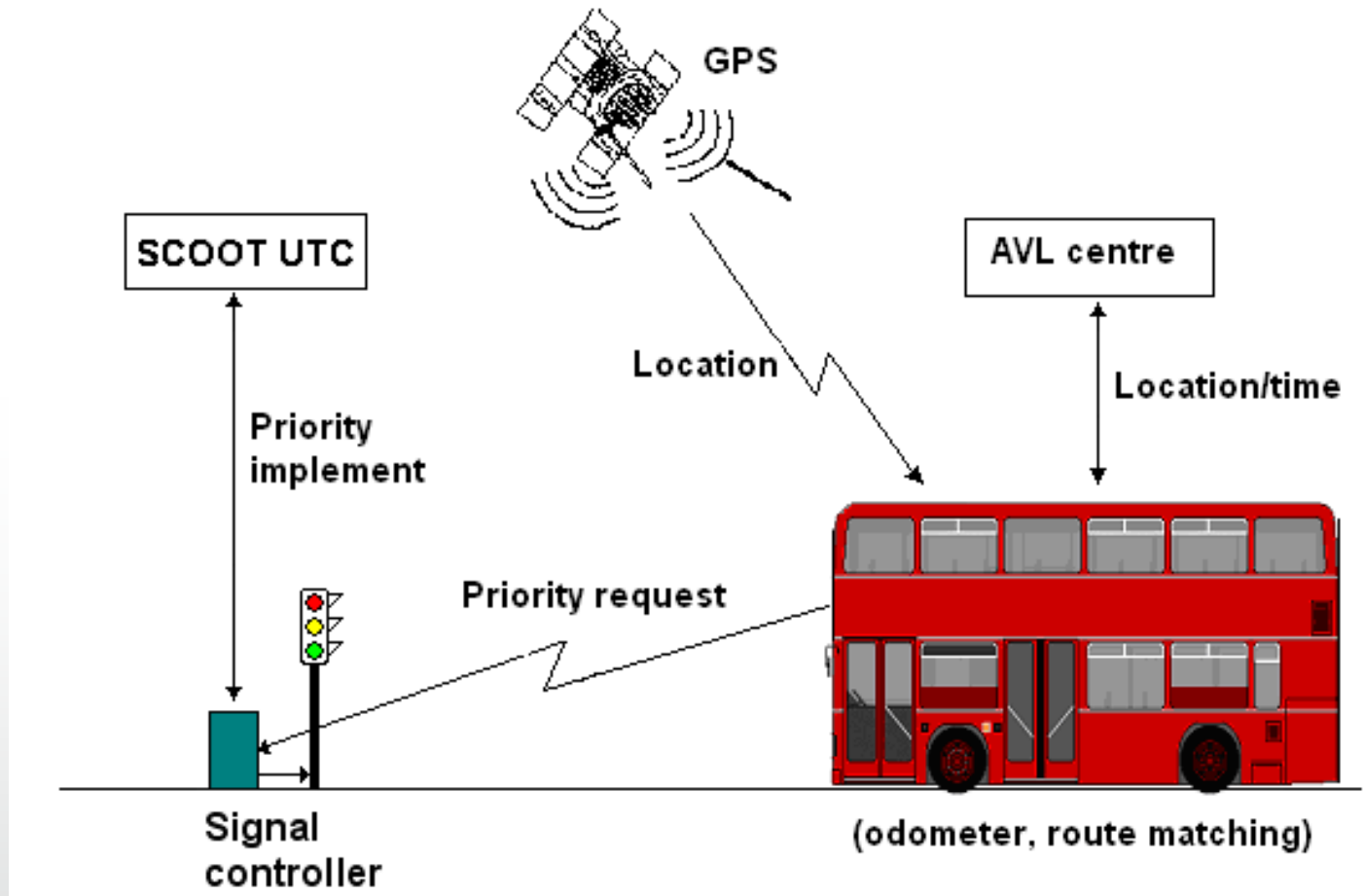
**BUT**

**ITS can only do so much!**

**We also need the right balance of transport demand and supply (capacity)!**

**and a policy to prioritise sustainable modes!**

# GPS based Bus Priority at Signals



# Thank You!

## Contact:

**Prof Nick Hounsell**

**Email: nbh@soton.ac.uk**

**Phone: 0044 - 23 8059 3705**

**Web: <http://www.trg.soton.ac.uk>**