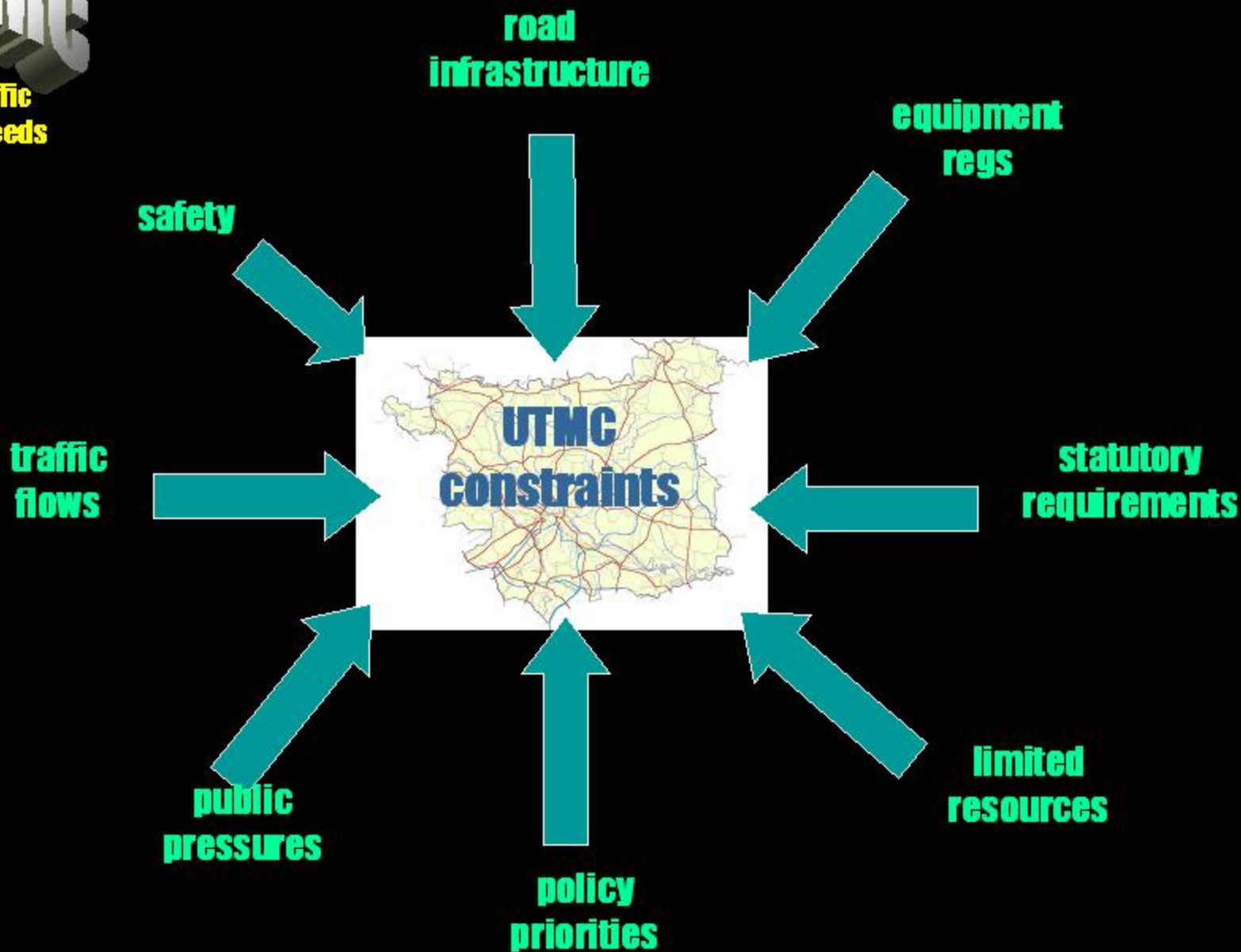


UTM

**Keeping traffic moving in
Leads**

UTMC

Keeping traffic moving in Leeds





**Keeping traffic
moving in Leeds**

Congestion is a problem in all cities

**Until the 1970s answer build bigger roads and flyovers
expensive, generated more traffic, environmental impact**

From 1980s emphasis on making the most of what there is



UTC - Urban Traffic Control



Keeping traffic moving in Leeds

operator interaction

optimising network

maintain signals



policy objectives

major schemes

pedestrian facilities

minor schemes



Keeping traffic
moving in Leeds

What UTMC is ...

Traffic management by central control

Computer control of traffic lights

Operator interface via CCTV

Intelligent design of signals

Design junctions specifically for efficient control

Use technology to maximise capacity

Use technology to give specific priority

Reaction to problems - diversion strategies

Information gathering





**Keeping traffic
moving in Leeds**



Recent developments

Reducing pedestrian delays

Reducing The Loop journey time

Specific bus priority measures

Better fault reporting

More remote monitoring

More CCTV



**Keeping traffic
moving in Leeds**



Coming shortly....

Semi portable CCTV

Remote co-ordination by GSM

New car park/traffic management dynamic signing

Reduced transmission costs

Bus detection via AVL and dynamic & intelligent response

UTMC technology



**Keeping traffic
moving in Leeds**



UTMC technology

- simplify control desk & operations**
- unified graphical display**
- better information**
- easier implementation of diversion strategies**
- car park and VMS signing incorporated**
- information on the WWW & texting**
- cheaper transmission options**
- plug & play tendering**

