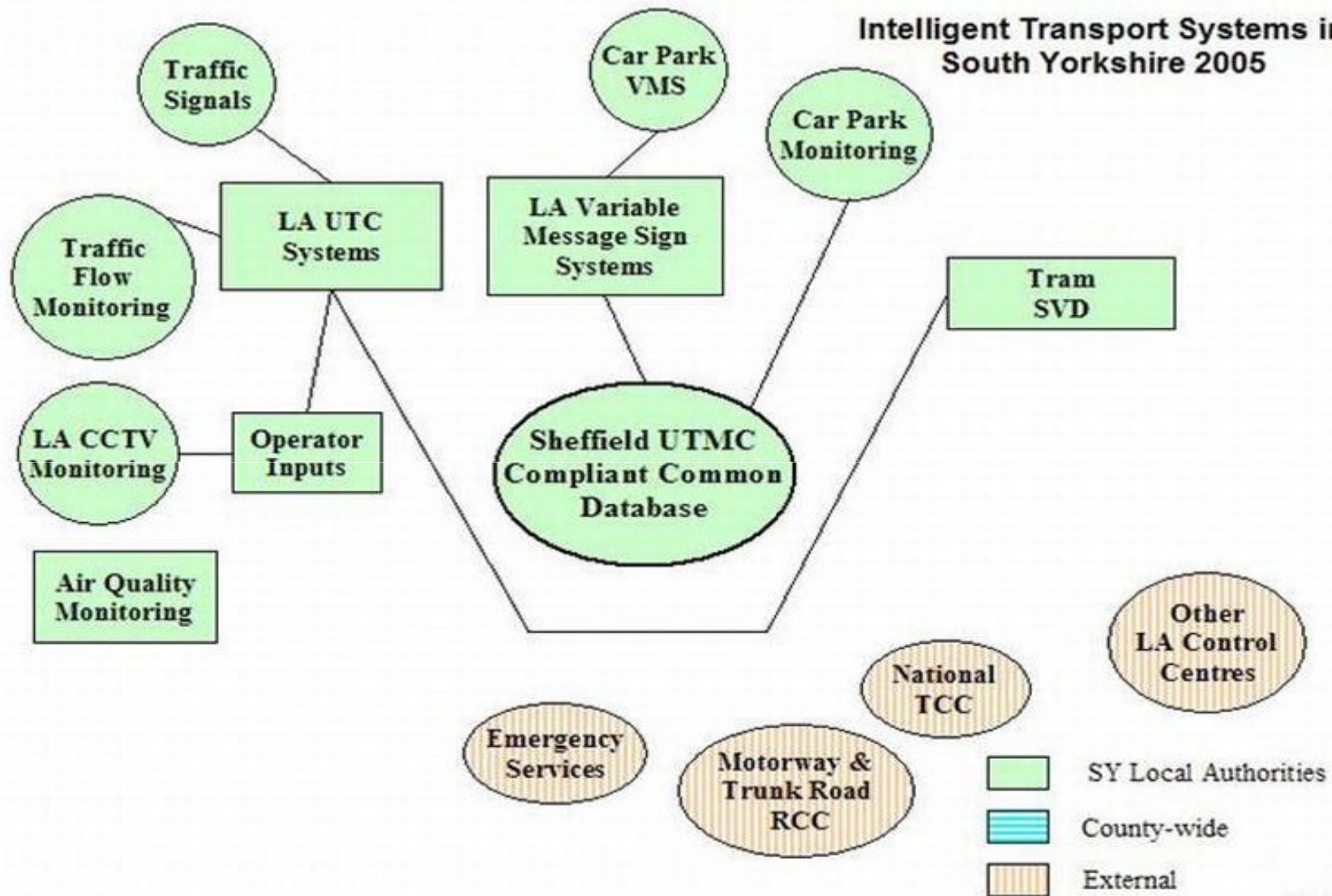


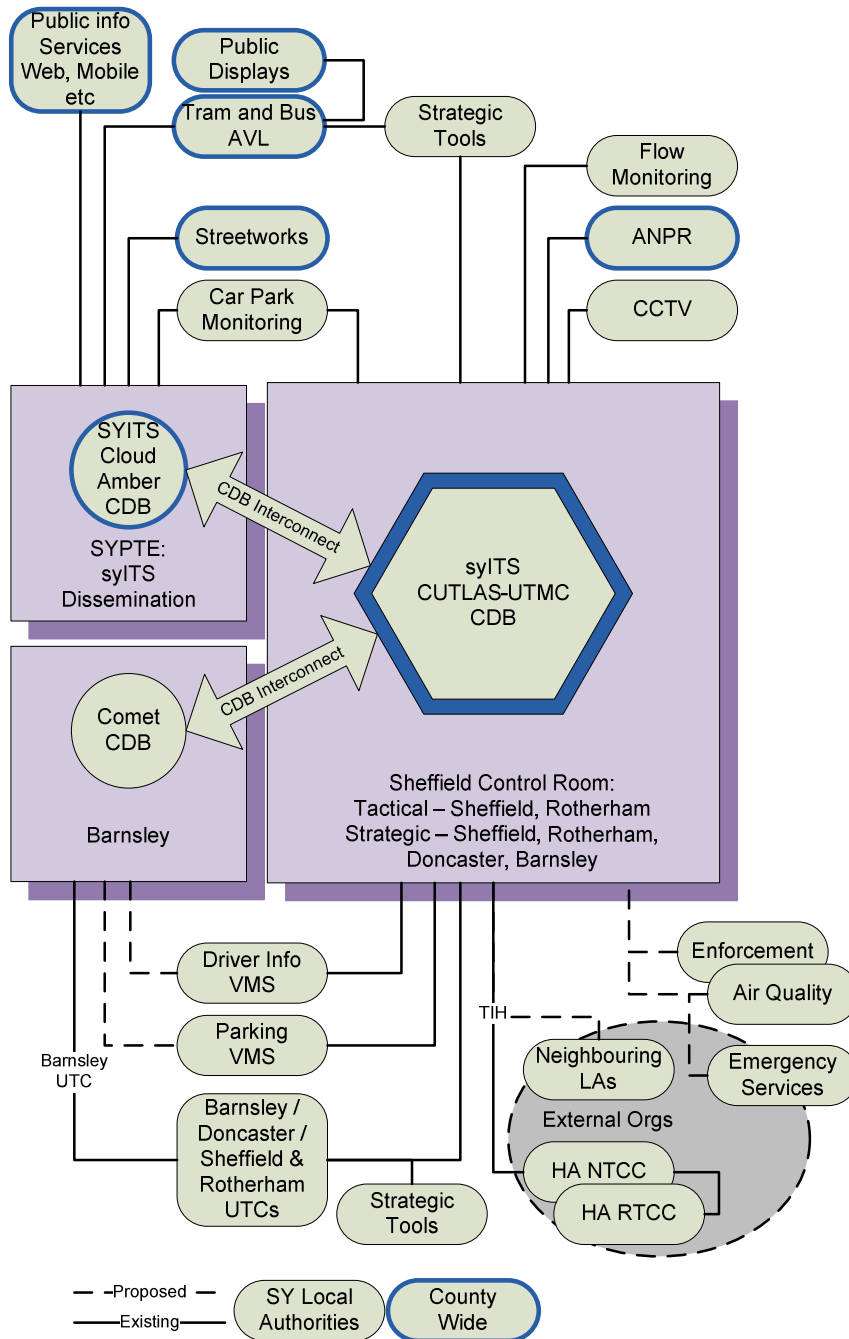
# UTMC - Specifying for Delivery

Peter Bull – Sheffield City Council

## Intelligent Transport Systems in South Yorkshire 2005



# South Yorkshire Intelligent Transport System (*syITS*) 2009



# First Steps

- Pilot car park information system
- 4 car parks
- 4 car park signs incl. 2 composites
- 1 matrix sign
- 1 queue detector
- UTMC Common Database
- TCP/IP communications
- Explicit intention to expand

# Expansion

- More car parks
- Complex car park arrangements
- Wireless communications
- Competitive sign quote
  
- Counting problems
- Car park operational links
- GPRS Communications problems

# syITS

- ERDF Objective 1 funding
- Getting the money is just the start
- Time limited – real “drop dead” date, but ill-defined in practice
- European procurement is not always the main delay
  
- Dedicated team
- Specialist help

# VMS

- Who does the civils?
- Who does the comms?
- How much installation?
- Practical layout
- Maintenance
- Spares
- Fault finding

# ANPR

- What do you do with an extra £1m?
- How extensive?
- Practicalities – mounting, power
- New technology
- External help

# Communications

- Technology – standard or proprietary?
- UTC legacy
- Competitive procurement?
- Co-ordination of two contracts over tight time-scale
- Specify for minimum interaction
- External help

# Lessons Learnt

- UTMC + TCP/IP – lead to cost effective and compatible systems
- Changes and alternatives are possible
- ITS is much more complex than UTC
- Differing interpretations have to be resolved
- Data reliability has to be secured
- Equipment installation is quick – data integration will take much longer
- Ensure fund holders appreciate UTMC costs money to run!