

Freight and the Network Management Duty in Norfolk

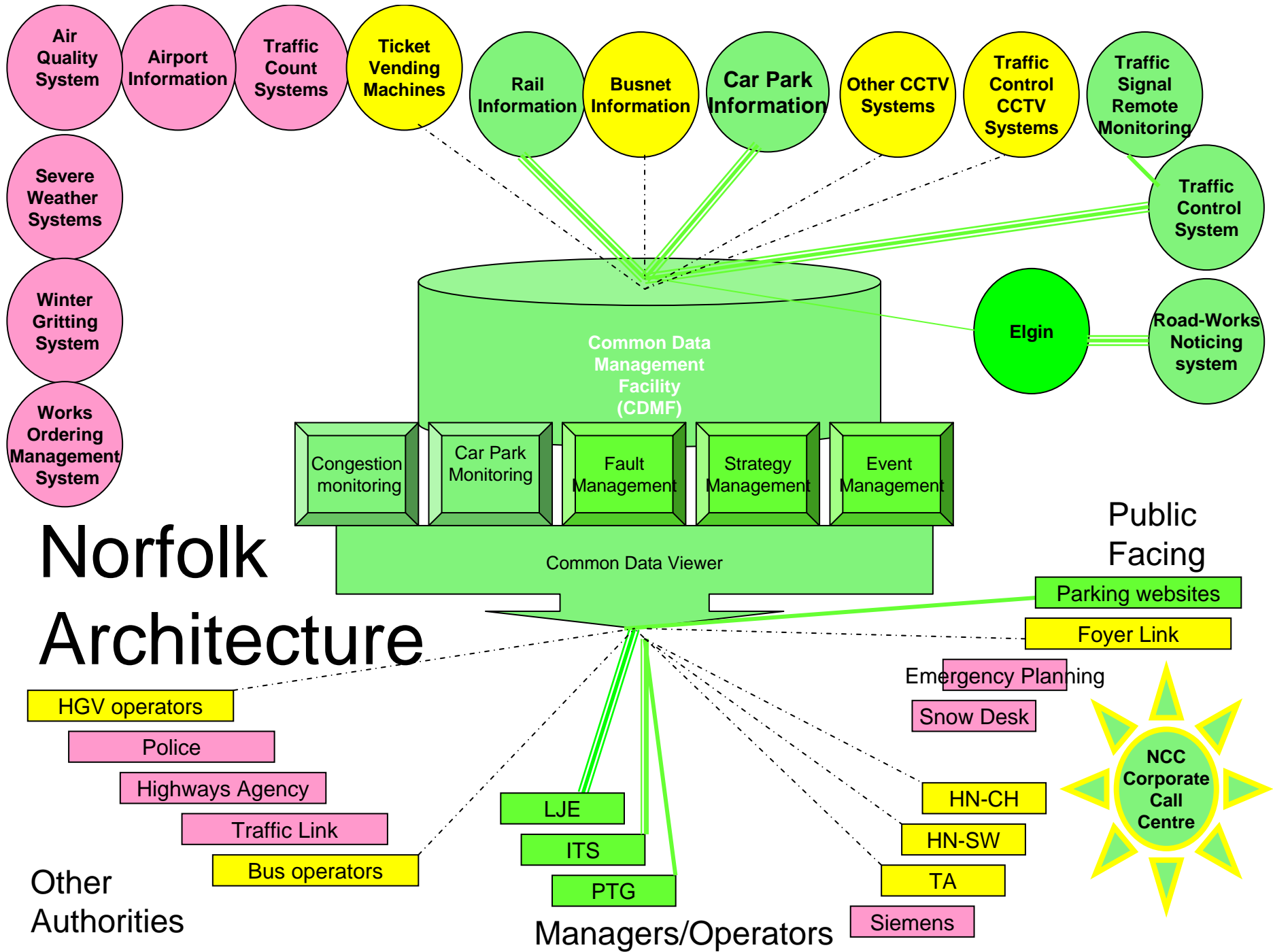
Laurie Egan
Network Manager

Outline

- Introduction
 - working in partnership with Mott Macdonald
- UTMC in Norfolk
- Case Studies
 - Civitas Freight Consolidation
 - Great Yarmouth Outer Harbour
- Summary

UTMC in Norfolk

- Common database in place
- Functions in use
 - Car Park Guidance
 - County wide traffic signal faults
 - Congestion mapping using SOOT data
 - Roadworks
 - Events
 - Operator notes



Civitas Norwich Smile project

Freight consolidation

- Problems in the city centre
- Norwich scheme has to be self financing
- No ongoing revenue
- Foulgers Local HGV Operator on board
 - building a business case

Civitas Norwich Smile project

Freight consolidation

- Staged approach
 - Interviews with retailers suppliers
 - City Area Public Sector suppliers
 - Others
- Foulgers view
 - Potential to combine journeys
 - Reduce operator overheads
 - Reduce vehicle movements to city centre
 - Reduce vehicle distance travelled

Civitas Norwich Smile project

Freight consolidation

- UTMC principal
 - Gathering data
 - Blending together to make information
 - Sharing information
 - Could our information help hgv operators
- Information overload ?
- Filtered service for operators

Civitas Norwich Smile project

Freight consolidation

- Provision of real time tailored service
 - Filtered information service
 - Use of a viewer ?
- Consultation with operators
 - want information direct to driver
 - Want txt message warning of delays when about 20 miles from incident or event

Civitas Norwich Smile project

Freight consolidation

- What would that message require ?
 - AVL of vehicle in real time,
 - Knowledge of planned route,
 - Scheduled arrival, predicted arrival
 - Assessment of events impact
 - Thresholds and triggers
 - Sending message to driver
- A number of items to be evaluated in the Civitas project

Great Yarmouth Outer Harbour



Great Yarmouth Outer Harbour

Eastport Outer Harbour
opening early 2009

2000 HGV per day

Network resilience - issues
Restricted network

Dependant on Breydon
and Haven Bridge - both
lifting bridges

Sensitive to incidents
am and pm peak periods
worst in summer higher
flows particularly on race
days



Great Yarmouth Outer Harbour

- Develop strategy to improve network resilience
 - Capture information and assess
 - Develop strategy of measures to reduce impact
 - Set up and Implement
 - Review and refine

Great Yarmouth Outer Harbour

- How will UTMC help deliver ?
- Most likely to be in the implementation
 - Strategy will involve diversion routes
 - Let the public and media know what's happening
 - Close to scene
 - early warning give travelling public a choice
 - Communication between authorities & stakeholders
 - Vms strategies
 - Signal strategies
 - Monitoring of situation & assessment

Great Yarmouth Outer Harbour

- What will be necessary to deliver ?
 - Inputs
 - Incoming information
 - Incident detection & Common database
 - Pre set thresholds and triggers
 - Present strategy options
 - Strategy choice (operator to activate ?)
 - common database & strategy manager
 - Pre determined communications
 - Pre determined settings for vms?
 - Choice of Scoot strategy
 - Monitoring and updating
 - Pre set conditions and /or operator

UTMC - Summary

- UTMC won't resolve the problem
- UTMC a framework to help manage the network
- Using Information
 - Gather Data
 - blending data to make Information
 - sharing with operators and users
- Strategies to reduce disruption
 - Link actions
 - reduce the effects of disruption
 - Improved service delivery
- Role that UTMC is playing dealing with some freight related issues assisting Network Management Duty

Laurie Egan
Norfolk County Council
Network Manager
Thanks for listening