

## City of Bristol February 2007

### Consolidation scheme and access restrictions

#### Context

Bristol is the largest urban area in the south west region of the UK with a population of some 400,000 people. Bristol acts as a regional centre for industry, commerce, education and culture and has a long established history as an important centre for trade. The city also serves as a major transport hub providing a gateway to the south west.

#### Objectives

Bristol City Council in partnership with supply chain experts DHL Exel have been successfully operating a consolidation centre since May 2004 with the aim of helping to reduce pollution and congestion in central Bristol. Streamlining deliveries and cutting the number of delivery vehicles travelling into Broadmead has helped achieve this, whilst at the same time providing an improved delivery service to retailers. The scheme focuses on Bristol's core retail area Broadmead, which has over 300 stores and is currently undergoing a major expansion to increase retail floor space by 40%.

#### Description of the action

The scheme now serves 56 retailers which has reduced their delivery vehicles movements by 77% since the on-set of START. This equates to a saving of 62,120 lorry kilometres with the resulting reduction in emissions of CO<sub>2</sub> 8 tonnes, Nox 1.23kg's PM10's 16.56kg's. Retailers also have waste and packaging material collected which has meant 4.6 tonnes of cardboard and plastic being recycled.

Due to the continued redevelopment of Broadmead a delivery area has been closed removing the option of back door deliveries for a number of retailers, who are therefore forced to take front door deliveries. However access restrictions in the form of delivery windows have been put in place notably 5am – 8am and 6pm – 8pm for front door deliveries as they



require the use of a pedestrianised area. This has a raised number of issues between retailers and their suppliers with the beneficiary being the consolidation scheme as they are able to offer an improved delivery option to retailers. This had resulted in 5 new retailers subsequently joining the scheme.

#### Further planning and expected results

Seeking to expand the geographical coverage of the scheme including integration with the redevelopment of Broadmead and other district centres where benefits can be achieved on the basis of transport, environment and cost. Look to efficiently manage and where appropriate prioritise the movement of freight vehicles particularly where access control and priority techniques will promote and support the use of the consolidation scheme.

#### Local partners

- Bristol City Council
- DHL Exel Supply Chain

#### Local stakeholders

- Broadmead Board
- Mall Galleries
- Business West
- Bristol Alliance

#### Contact

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