



Improving access to public transport in Greater Manchester

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Agenda

1. Overview of our Interchange programme
2. Design approach
 - Better connected
 - More comfortable
 - Sustainable
 - Accessible
 - Engaging the community through public art
 - Wider regeneration
3. What have we achieved?
4. Where do we take Transport next
5. Questions



Interchanges in Greater Manchester





Design approach



Better connected

- Transforming gateways into town centres
- Enhanced integration with other transport modes
- Capable of supporting current service levels with capacity for future growth
- Direct pedestrian links to the town centres
- Controlled pedestrian crossings
- Secure, covered cycle parking





More comfortable

- A covered concourse and seated waiting area
- New waiting areas are well-lit, heated and/or ventilated.
- Better passenger security, monitored by CCTV or staff
- Natural surveillance (for example with glass walls)
- Visible operations room
- Robust quality materials
- Passenger amenities





we are all working to
make travel easier



Wigan Bus Station



Sustainable

- Use of natural light and LED lighting
- Green roofs and grey water harvesting
- Excellent insulation of indoor / heated areas
- Generation of on-site sustainable energy (Solar PV/HEP/wind)
- Use of natural ventilation to reduce the requirements for air conditioning
- Provision of recyclable waste containers
- Use of recycled or partially recycled materials
- Safeguard existing trees and green areas and providing planting opportunity for landscape trees



Accessible

- Defined routes and directional signage
- Use of tactile surfacing
- Step-free routes, level boarding and surfaces between modes
- Modern passenger information and ticketing facilities
- Clear and concise electronic passenger displays, including bus, Metrolink and rail information screens
- High-quality, accessible toilets (including Changing Places facility) and baby-changing facilities
- Availability of staff



Engaging the community through public art

- Live performance of classic musical Summer Holiday at Bolton Interchange
- Bolton 'Caddows' quilts project providing insight into the town's rich industrial heritage
- Bolton Smiles website highlighting places of history and interest with the Arts Council
- Textile artwork project with Bolton University
- Creating large visual maps with coloured tape at old Wigan Bus Station
- 'Growth Rings' sculpture at Wythenshawe Interchange
- Glazing vinyls installed at Rochdale Interchange



Wider regeneration

- Further interchange projects
- Support to wider town centre regeneration initiatives
- Plans for Stockport Interchange are currently awaiting planning permission
- New park, creating green space in the heart of Stockport town centre, and a high-quality residential development
- Residential accommodation in order to attract more investment into Stockport and further support the £1 billion regeneration of the town

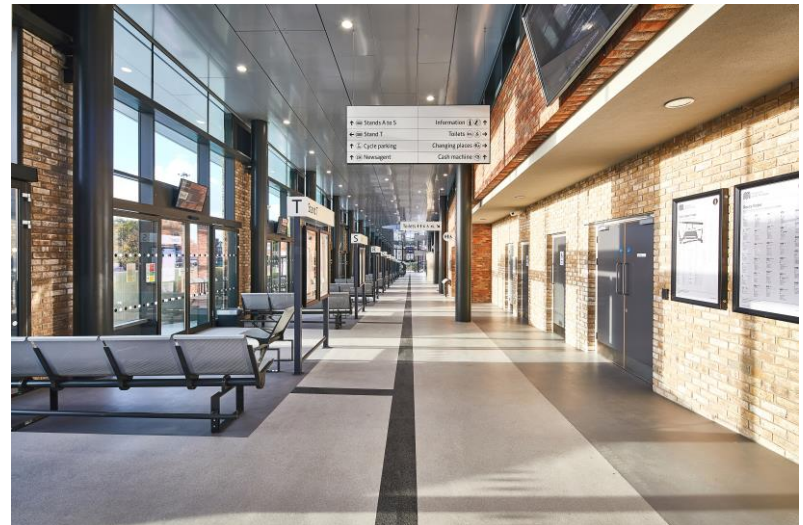




What have we achieved?

One Year Post Opening Survey results:

- **Rochdale Interchange**
 - Overall Customer satisfaction rose from 49% to 98%
- **Wythenshawe Interchange**
 - Overall Customer satisfaction rose from 65% to 97%
- **Bolton Interchange**
 - Overall Customer satisfaction rose from 68% to 93%
- **Wigan Bus Station**
 - Emerging feedback extremely positive!





Where do we take Transport next?



Tram-train





we are all working to
make travel easier



Congestion and air quality



**DIRTY AIR IS
DAMAGING
OUR HEALTH**

Let's clear the air

find out more **CLEANAIRGM.COM**

A Greater Manchester Congestion Deal

Mayor Andy Burnham has listened to the views of the public and businesses and has developed this congestion deal with Greater Manchester's ten local highway authorities and TfGM to tackle congestion in Greater Manchester.

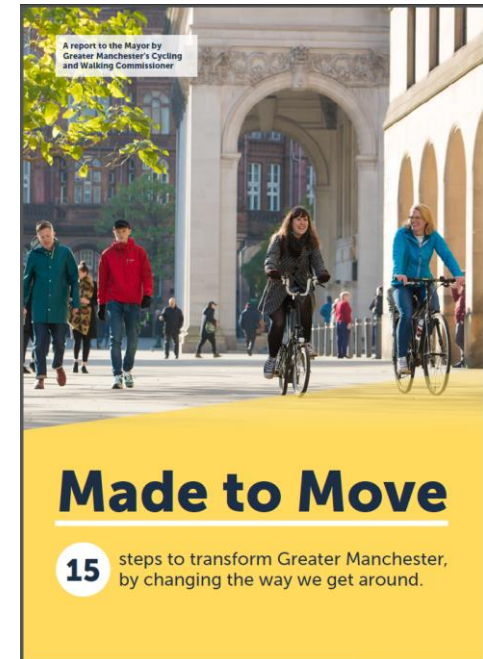
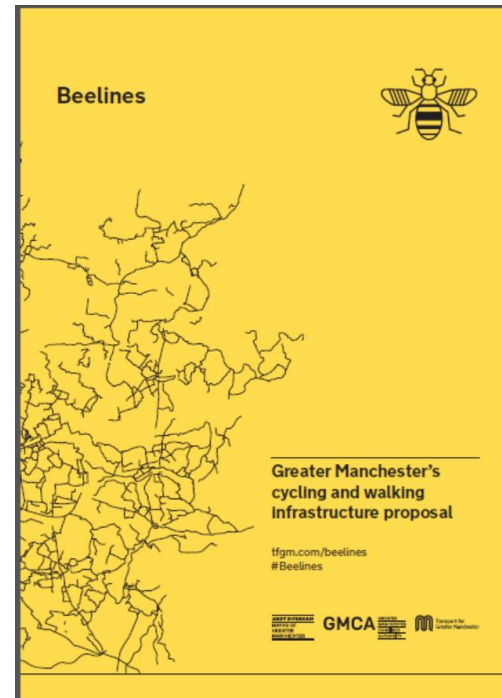
tfgm.com/congestion





Cycling and walking

- £22m CCAG2 programme of cycling investment
- Development of a GM wide Bee Network as a blue print for cycling/walking investment
- £160m Mayor's Challenge Fund to deliver cycling & walking infrastructure
- Progression of GM Cycle Hire scheme
- Co-ordinated with GM 'Streets for All' approach





Questions