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Belfast Rapid Transit

5th Annual UK Bus Summit

6 February 2019

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Department for Infrastructure, Northern Ireland**



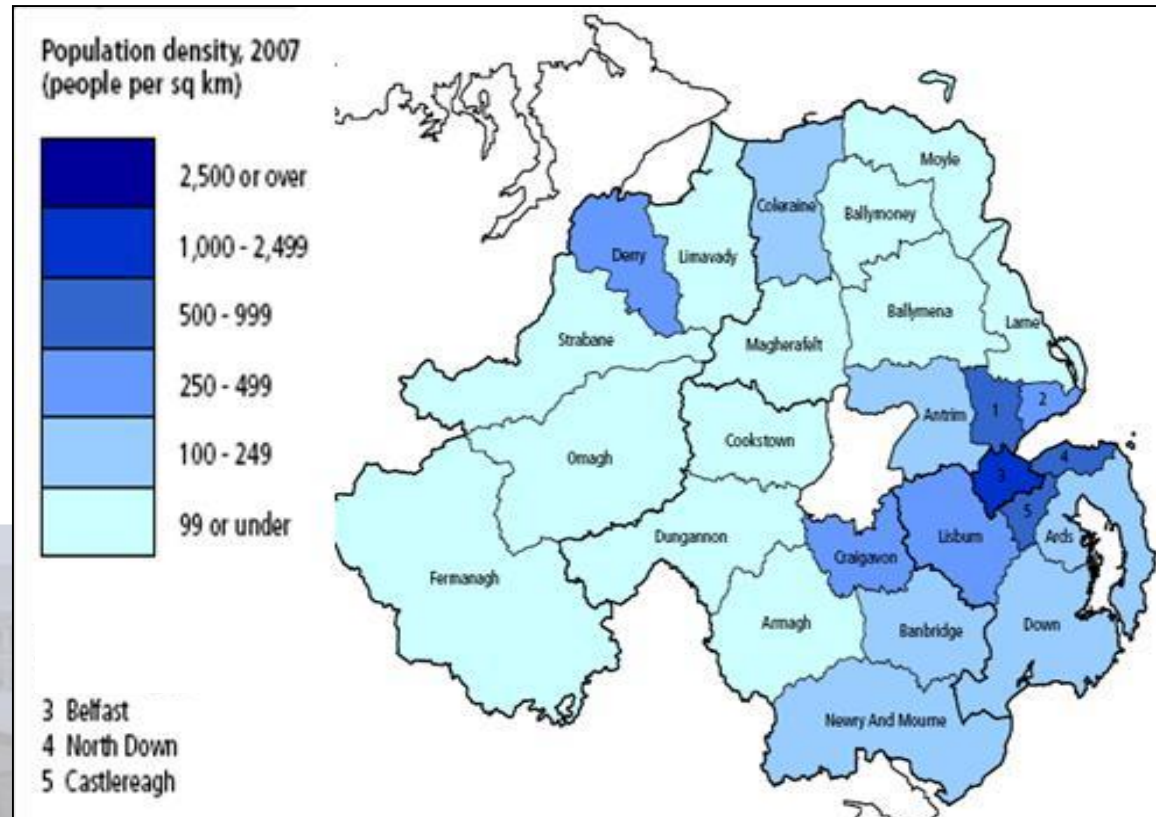
Population Density



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N.I. Context: Journey Flows

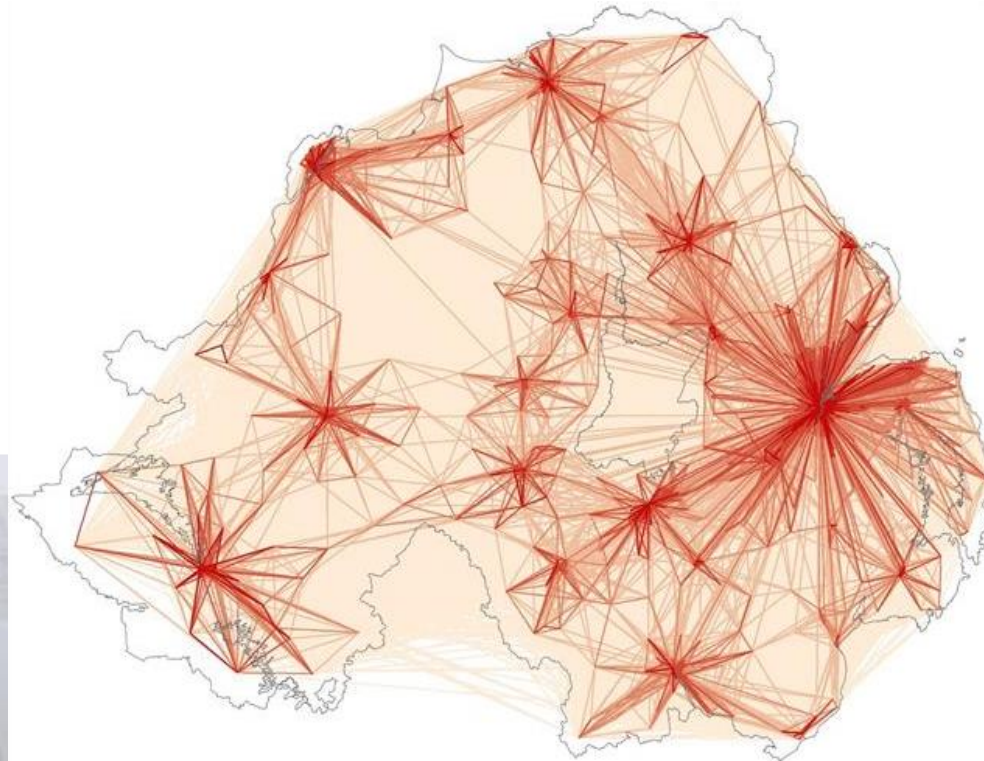


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Journey to Work Flows



Produced by Lorraine Barry



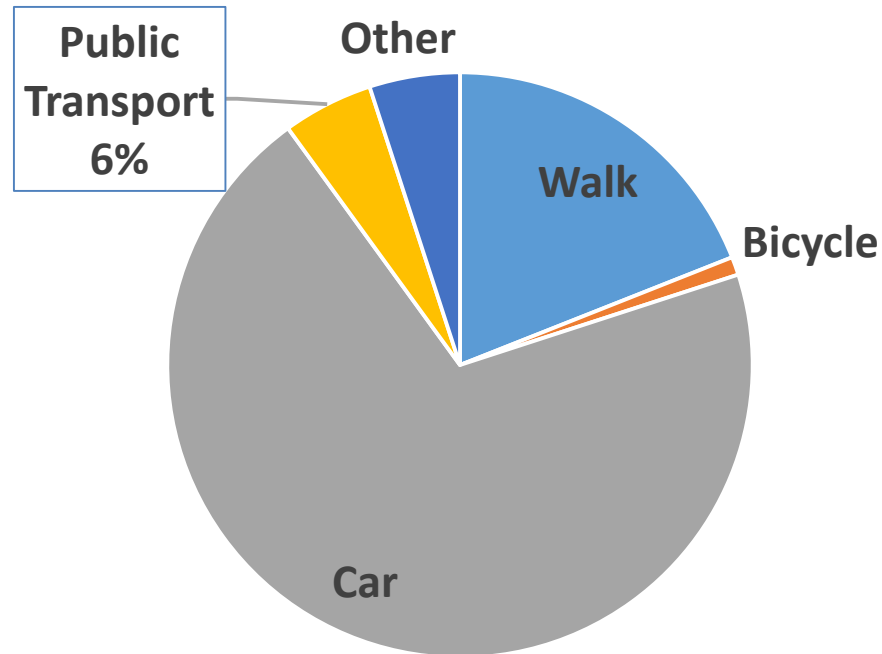
Transport Modes



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	Ulsterbus/Goldline	Metro	NIRailways
Patronage 2017/18	38.1m	28m	15m
Change on 2016/17	-1%	+2%	+6%

Programme for Government



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- **Sets out Departmental Priorities**
- **Indicators:**
 - Average journey time on key economic corridors
 - % of all journeys which are made by walking/cycling/public transport
- **Focussed Outcomes**
 - We live and work sustainably – protecting the environment
 - We connect people and opportunities through our infrastructure
- **Achieving these ambitions requires input from across central and local Government, businesses, communities**

Delivery Plan



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- Long term planning and investment is required
- Budget uncertainty creates a major challenge
- Investment in new infrastructure
- Maintaining current network
- Strategic network
- Modal shift



What is Belfast Rapid Transit?



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- A N.I. Executive Flagship project
- A £90m investment in a new kind of high quality public transport system for Belfast
- Phase 1 connects East Belfast, West Belfast & Titanic Quarter via the city centre.
- Replaced the majority of the existing Metro services on the routes.
- Operated by Translink under the brand name Glider



GLIDER



Objectives of BRT



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- A **transformational project** for Belfast
- To underpin the delivery of draft **Programme for Government** outcomes in relation to sustainability, connectivity and an increase in the use of public transport, walking and cycling by -
 - supporting **sustainable economic growth and regeneration**; providing high quality access and connectivity between different parts of the city
 - providing equality through **enhanced accessibility linking** the most deprived communities to key employment locations, retail facilities, leisure, health and education services
 - supporting **social inclusion** and the **integration** of communities across the city
 - providing a **modern, safe, efficient and high quality** public transport service which promotes modal shift to public transport

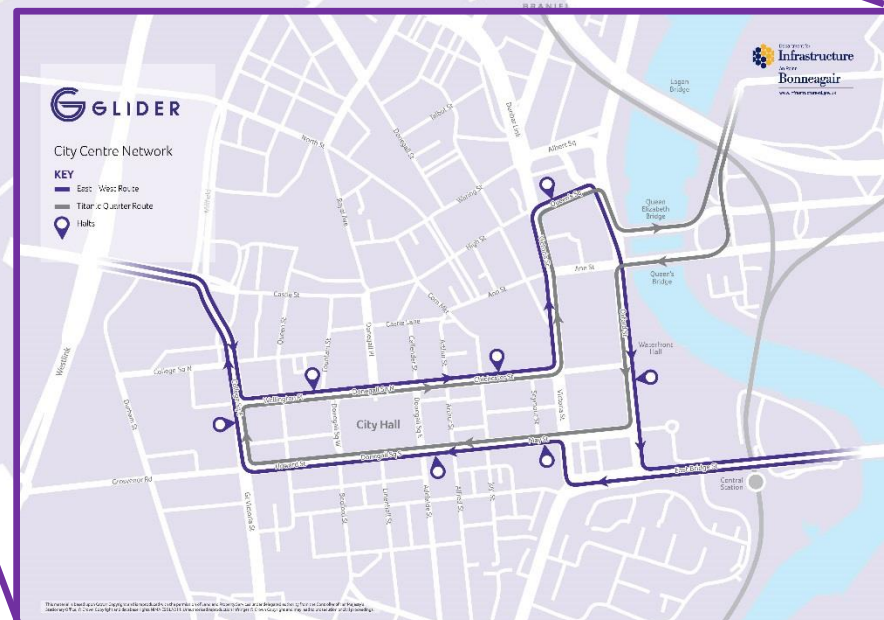
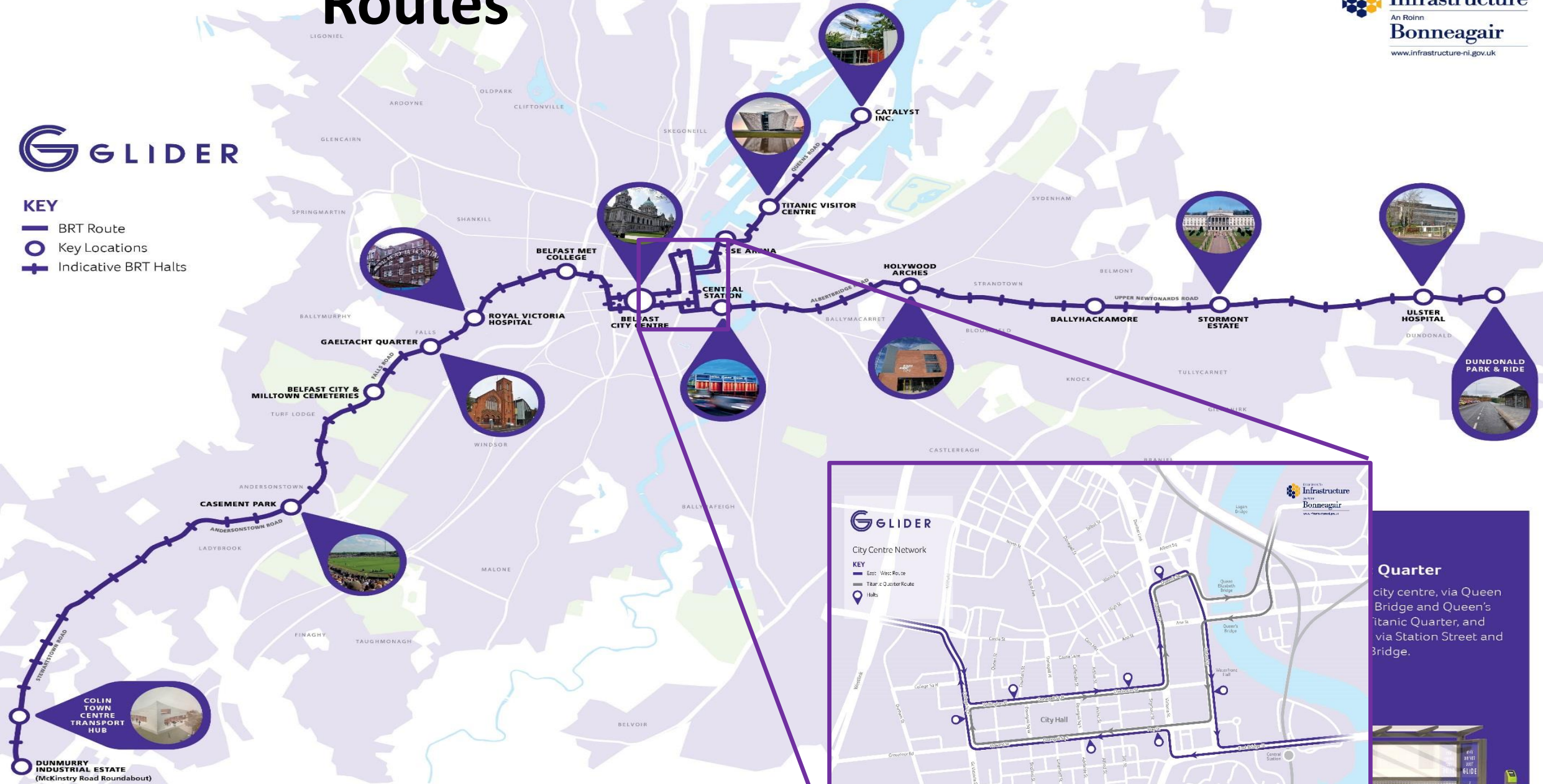


Routes



KEY

- BRT Route
- Key Locations
- Indicative BRT Halts



Quarter
city centre, via Queen's Bridge and Queen's Quarter, and via Station Street and Bridge.

The map is based on Ordnance Survey data. It is not intended to be used for navigation. It is not a legal document. It is not a contract. It is not a warranty. It is not a guarantee. It is not a promise. It is not a statement of fact. It is not a statement of opinion. It is not a statement of intention. It is not a statement of belief. It is not a statement of knowledge. It is not a statement of information. It is not a statement of advice. It is not a statement of recommendation. It is not a statement of endorsement. It is not a statement of approval. It is not a statement of disapproval. It is not a statement of objection. It is not a statement of protest. It is not a statement of dissent. It is not a statement of disagreement. It is not a statement of conflict. It is not a statement of hostility. It is not a statement of animosity. It is not a statement of enmity. It is not a statement of hatred. It is not a statement of malice. It is not a statement of spite. It is not a statement of revenge. It is not a statement of punishment. It is not a statement of retribution. It is not a statement of justice. It is not a statement of equity. It is not a statement of fairness. It is not a statement of honesty. It is not a statement of integrity. It is not a statement of morality. It is not a statement of ethics. It is not a statement of law. It is not a statement of order. It is not a statement of discipline. It is not a statement of control. It is not a statement of authority. It is not a statement of power. It is not a statement of influence. It is not a statement of leadership. It is not a statement of guidance. It is not a statement of direction. It is not a statement of instruction. It is not a statement of command. It is not a statement of demand. It is not a statement of requirement. It is not a statement of need. It is not a statement of want. It is not a statement of desire. It is not a statement of aspiration. It is not a statement of ambition. It is not a statement of goal. It is not a statement of purpose. It is not a statement of mission. It is not a statement of vision. It is not a statement of strategy. It is not a statement of plan. It is not a statement of policy. It is not a statement of procedure. It is not a statement of process. It is not a statement of method. It is not a statement of technique. It is not a statement of skill. It is not a statement of art. It is not a statement of craft. It is not a statement of trade. It is not a statement of profession. It is not a statement of occupation. It is not a statement of career. It is not a statement of job. It is not a statement of role. It is not a statement of responsibility. It is not a statement of accountability. It is not a statement of obligation. It is not a statement of duty. It is not a statement of commitment. It is not a statement of loyalty. It is not a statement of devotion. It is not a statement of dedication. It is not a statement of passion. It is not a statement of enthusiasm. It is not a statement of excitement. It is not a statement of joy. It is not a statement of happiness. It is not a statement of well-being. It is not a statement of health. It is not a statement of safety. It is not a statement of security. It is not a statement of stability. It is not a statement of peace. It is not a statement of harmony. It is not a statement of unity. It is not a statement of solidarity. It is not a statement of cooperation. It is not a statement of collaboration. It is not a statement of partnership. It is not a statement of alliance. It is not a statement of agreement. It is not a statement of understanding. It is not a statement of tolerance. It is not a statement of respect. It is not a statement of courtesy. It is not a statement of politeness. It is not a statement of kindness. It is not a statement of generosity. It is not a statement of compassion. It is not a statement of empathy. It is not a statement of sympathy. It is not a statement of support. It is not a statement of encouragement. It is not a statement of motivation. It is not a statement of inspiration. It is not a statement of innovation. It is not a statement of creativity. It is not a statement of imagination. It is not a statement of imagination. It is not a statement of imagination. It is not a statement of imagination.



Glider Vehicles

The new Glider vehicles are the first of their type in the country

- Tram-like appearance & characteristics
- Diesel-electric hybrid engine technology
- Space for wheelchair users and people with prams/buggies
- Variety of seating
- Double-glazed with air-conditioning
- CCTV, audio-visual information, free wi-fi and USB charging facilities



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Halts

- High quality 'platform' feel
- Larger enhanced shelters with real time passenger information
- Ticket machines, validators and CCTV
- Mixture of seating types
- 30% fewer stops, around 400m apart



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Benefitting local communities



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- Roads and footways resurfaced
- LED street lighting
- Improved pedestrian crossing facilities
- Improved streetscape
- Catalyst for local regeneration
- Improved connectivity & integration between East and West





Glider Services

- 7-8 minute intervals throughout the working day
- 20 minute intervals in early morning and late evening
- Can be tailored to meet peak demands e.g. major sporting or other entertainment events
- Fares comparable with Metro
- Concessionary fares apply



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Has it worked?



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- 33,000 additional passenger journeys per week (an increase of some 20% compared to 2017) - the level predicted after 10 years of operation
- 60% increase in patronage on the BRT corridors compared to 2013
- Increased patronage by older people and people with disabilities (some 25% compared to 2017)
- Improved journey time reliability – best performing public transport corridors in Belfast in terms of reliability and punctuality
- Early indications of some 20% bus journey time savings
- Increase in cross-city travel by public transport
- Up to 40% improvement in fuel efficiency compared to Metro buses and a 90% improvement in emission air quality



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Thank You

