

Appendix 1 – Emerging Sustainability Objectives and Outcomes
(Emerging highest priority themes shown in green)

Sustainability Pillar	Mass Transit Vision 2040	Sustainability Themes	Draft Sustainability Objectives and Outcomes
Transportation	<ul style="list-style-type: none"> • Connect West Yorkshire’s important places. • Deliver 21st Century Transport. 	User Ease and Accessibility	Provide fully accessible infrastructure for all users.
		Reliability & Capacity of Public Transport	Improve journey time reliability and frequency compared to the existing transportation networks.
			Increase public transport capacity to city, town, district and local centres.
		Sustainable Transport	Provide an attractive alternative to the private car.
			Improve connectivity to active travel infrastructure to encourage mode transfer.
		Connected Infrastructure & Placemaking	Improve connectivity between areas of housing and employment, community centres, health and leisure destinations.
Support and facilitate enhanced public realm.			
Environmental	<ul style="list-style-type: none"> • Help combat climate change, provide climate resilient infrastructure. 	Carbon Reduction & Minimisation	Integrate PAS 2080:2023 Carbon Management in Infrastructure within project delivery.
			Minimise whole life GHG emissions for the project through demonstrable design and construction decisions and interventions.
			Align Mass Transit with regional net zero ambitions.
		Air Quality	Contribute to improving local air quality through a reduction in private car use.
			Contribute to achieving the National Air Quality objectives and interim targets.
		Renewable Energy	Incorporate renewable energy generation through construction and operation.
	A Mass Transit system that is resilient to extreme weather under a future changed climate.		

		Climate Resilience & Adaptation	Provide infrastructure that is designed for comfort for users under a future changed climate.
		Biodiversity & Green Infrastructure	Enhance biodiversity and improve habitat connectivity.
			Reduce invasive non-native species.
			Improve the provision of green infrastructure within the urban environment.
		Resources and waste	Reduce material, energy and water use in construction and operation.
			Contribute to the ambition of zero avoidable, and eliminate avoidable waste to landfill
			Embed Circular Economy principles through project delivery.
		Historic Environment	Sustain and enhance the significance of heritage assets consistent with their conservation.
		Land Quality	Improve soil health and maintain vital soil functions.
		Landscape and Townscape	Positively contribute to local landscape and townscape character and distinctiveness.
			Conserve and enhance the visual aspects of place.
			Contribute to and connect with Regional landscape scale plans and strategies
		Noise and Vibration	Contribute to improving local noise and vibration from transportation through a reduction in private car use
		Water & Blue Infrastructure	Identify and implement opportunities for incorporating natural drainage solutions and flood risk reduction.
			Implement sustainable urban drainage systems (SuDs) throughout Mass Transit.
		Social	• Improve health and wellbeing.
Support local business and small medium enterprises (SMEs).			
Promote high standards and accountability through construction.			
Equality, Diversity, Inclusion & Quality of Life	Provide fully inclusive infrastructure for all users.		
	Support EDI through Mass Transit.		
	Contribute to enhanced quality of life for West Yorkshire's residents and visitors.		
	Contribute to the fair and equitable distribution of benefits for West Yorkshire's residents.		

		Community Engagement	Community-driven engagement reflected in design that meets the needs of communities.
			Contribute to supporting local and regional behaviour change to more sustainable transport methods
			Provide STEAM education and engagement opportunities within local communities.
		Safe by Design Infrastructure	Improve road safety and reduce traffic-related incidents.
		Health & Wellbeing	Support objectives within Public Health Outcomes Framework (PHOF).
			Support improved health and wellbeing outcomes.
			Provide community wellbeing support to those affected through Compulsory Purchase Orders (CPOs).
Economic	<ul style="list-style-type: none"> • Support levelling up and help rebalance the economy. • Support economic recovery. 	Local Development & Regeneration	Support policy-driven redevelopment and regeneration.
		Affordability	Provide an affordable Mass Transit system for all users.
		Customer Value / VFM	Provide value for money for the region and customers.
		Innovation, Research & Development	Implement innovative solutions, methods and materials in project delivery.
			Support research and development through collaboration with regional research institutes, centres and groups.
		Procurement and Supply Chain	Incorporate ethical and sustainable procurement throughout project delivery.
			Improve sustainability performance through collaboration with supply chain partners.
Regional Productivity	Reduce transport barriers which limit travel horizons and increase access to opportunities across West Yorkshire.		