

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

Sustainability Pillars	Mass Transit Vision Objectives	Sustainability Themes	Sustainability Objectives and Outcomes
Transportation	<ul style="list-style-type: none"> <li>• Connect West Yorkshire’s important places.</li> <li>• Deliver 21st Century Transport.</li> </ul>	Reliability and Capacity of Public Transport	Offer better journey times and more punctual journeys than existing public transport alternatives.
			Increased public transport capacity to city, town, district, and local centres.
		Sustainable Transport	Provide an attractive alternative to private car use as part of making a contribution to transformational change in travel patterns.
			Mass Transit stops and interchanges are positively integrated and well connected to adjacent streets, spaces, and active travel opportunities.
		Connected Infrastructure and Placemaking	Improved connectivity between where people live and places of work, services, and facilities.
			Contribute to locally distinctive public realm enhancements.
Environmental	<ul style="list-style-type: none"> <li>• Help combat climate change, provide climate resilient infrastructure.</li> </ul>	Carbon Reduction and Minimisation	Integrate PAS 2080:2023 Carbon Management in Infrastructure and Buildings within project delivery.
			Minimise whole life GHG emissions for the project.
			Align Mass Transit with local, regional, and national net zero ambitions.
		Air Quality	Contribute to an overall improvement in air quality through a reduction in private car use.
			Design of Mass Transit provides improved air quality for users compared to existing public transport.
	Climate Resilience and Flood Risk	A Mass Transit system that is resilient to extreme weather under a future changed climate.	

			Infrastructure that is designed for thermal comfort for users under a future changed climate.
			Reduce flood risk across the project through sustainable drainage solutions.
		Biodiversity	Provide a net gain in biodiversity and maximise opportunities associated with the scheme for habitat restoration and connectivity.
			Maximise the provision of green and blue urban infrastructure within the scheme footprint, supporting and complementing wider green and blue infrastructure delivery within the region.
		Resources and Waste	Minimise material, energy and water use in construction and operation.
			Contribute to the ambition of zero avoidable waste and eliminate avoidable waste to landfill through construction and operation.
			Embed Circular Economy principles and business models through project delivery and operation.
Historic Environment and Townscape/Landscape	Design that is sensitive to the significance of, and seeks opportunities to improve, the setting of heritage assets and townscape/landscape character.		
Noise and Vibration	Contribute to a reduction in local noise and vibration from transportation.		
<b>Social</b>	<ul style="list-style-type: none"> <li>• Improve health and wellbeing.</li> <li>• Support levelling up and help rebalance the economy.</li> </ul>	Social Value, Skills, and Employment	Provide local employment, apprenticeships, and training opportunities to communities through project delivery and operation.
			Supporting our regional economy through local business, small medium enterprises (SMEs), and voluntary, community and social enterprises (VCSEs).
			Promote high standards and accountability through construction.
		Equity, Equality, Diversity, and Inclusion	Provide fully accessible and inclusive infrastructure for all users that overcomes physical, social, and cultural barriers to accessing public transport.
			Contribute to the fair and equitable distribution of the benefits of mass transit.
		Community Engagement	Community-driven engagement reflected in project design that meets the needs of communities.
			Provide STEAM education and engagement opportunities within local communities through project delivery.
Safe by Design Infrastructure	Implement Vision Zero principles through design.		

		Health and Wellbeing	<p>Improve health and wellbeing outcomes and contribute towards reducing health inequalities as a result of project delivery.</p> <p>Minimise wellbeing impacts to those affected by the project delivery.</p>
<b>Economic</b>	<ul style="list-style-type: none"> <li>• Support levelling up and help rebalance the economy.</li> <li>• Support economic recovery.</li> </ul>	Local Development and Regeneration	Support policy-driven redevelopment and regeneration.
		Affordability	Ensure Mass Transit is affordable for the Region.
			Strive to make Mass Transit affordable for all users.
		Customer Value / Value for Money	Provide good value for money for the region and customers.
		Innovation, Research and Development	Implement innovation and digital solutions in project delivery to drive better outcomes, reduce costs and improve efficiencies.
			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.