Mersey Gateway Bridge



1. Asset information

Mersey Gateway Bridge is a design, build, finance, operation and maintenance project of a new 1 km dual-three lane cable-stayed bridge and approximately 9 km of access roads in the Borough of Halton, near Liverpool, and the construction, implementation and testing (but not operation) of an end-to-end free-flow toll collection system on both the Mersey Gateway Bridge and Silver Jubilee Bridge. The project became operational in October 2017 and was officially opened by Her Majesty the Queen in June 2018.



The bridge forms part of a major strategic transport route linking the Liverpool city-region and the northwest to the rest of the country. The concession term runs until March 2044.

2. Impact

Reliable and resilient transport and reduced travel time for c. 17 million crossings per year.



3. Awards and certifications

- RICS Award Infrastructure Project of the year (2018)
- Chartered Institute of Ecology and Environmental Management (CIEEM) Best Practice
 Awards Stakeholder engagement (2017)
- IJ Global Awards European Roads Deal of the Year (2016)
- PFI Awards European Infrastructure Deal of the Year (2016)
- Partnerships Magazin Best Road Project (2016)

4. Environment

GHG emissions

The Mersey Gateway Bridge's GHG emissions approach combines mitigation through design and operational efficiency (such as reducing maintenance needs, optimising inspection access, promoting lower traffic congestion and thereby lower vehicular emissions) with environmental remediation and habitat restoration via the Mersey Gateway Environmental Trust.



Climate risk

The project was screened to evaluate the potential physical impacts from climate change based on 'Paris-aligned' (RCP2.6 ~+1°C) and 'High emissions' (RCP8.5 ~+3.7°C) scenarios across three time periods (2020, 2050 and 2100). The project maintains a Low physical climate risk score under both scenarios.

Waste & Water

The Portfolio Company and the operator Tarmac seek to minimise waste generated and ensure a high degree of waste separation before the waste gets processed by a waste-treatment company. The portfolio company itself generates very limited quantities of waste. On water, quality is monitored on a continuous basis with results being reported to the regulators. As regards the office, the same applies for water as for waste.

Biodiversity

The asset is built in compliance with local environmental regulations. The Mersey Gateway Environmental Trust, which manages post-construction ecological interventions (e.g. saltmarsh enhancement, monitoring, biodiversity improvements) to offset environmental impacts.

The Portfolio Company revitalised the estuary by introducing a small herd of grazing cattle to the saltmarsh which helps growing of grasses and attracts insects and birds back to the areal.

The Portfolio Company has an Environmental and Sustainability Policy statement in place.



Noise and air quality

The project monitors noise and air quality along the motorway. Furthermore, part of the project scope are extensive noise barriers, limiting noise emissions to network surrounding areas.

5. Social

Health & Safety

Health and safety is on the agenda of each Portfolio Company board meeting. Our asset managers work actively with the Portfolio Company and its management service providers to promote a strong health and safety culture, and facilitate sharing of best practices.

We endorse a zero-tolerance approach to occupational heal and safety incidents. Additionally the Portfolio Company has a Health & Safety policy in place and organises annual external safety audits.

Diversity

Not applicable as the Portfolio Company does not employ any staff.

Impact for local communities

The Portfolio Company develops a wide range of initiatives to support local communities, e.g. by:

- Sponsorship of a local college's education awards ceremony.
- Collaboratively with the Mersey Gateway Environmental Trust explore possible carbon offsetting initiatives on the Mersey estuary salt march.
- Monitoring with a specialist ecology and landscape advisor the ecological success of the landscape management and maintenance regime.
- Contribute time to a local Timebank programme of works in the area of landscaping improvements.



6. Governance

Delegation & oversight

The Portfolio Company directors review on a quarterly basis comprehensive board report, including both general project management and financial management. The project has a rigorous governance structure in place with quarterly board meetings, ad-hoc meetings when required and an authority delegation matrix to the management services provider.

The Portfolio Company has robust ESG policies and procedures in place and clear board-level responsibility to monitor their application. The ESG standard policies include:

- Code of conduct/Anti-Bribery policy
- Conflict of Interest policy / Declaration of conflict of interest
- Cybersecurity policy
- Diversity policy
- Environmental, Social and Governance (ESG) policy
- Health and safety policy
- Anti-slavery & Human Trafficking policy (Modern Day Slavery)
- Rapid escalation policy/plan
- Responsible Contractor policy
- Tax policy
- Whistle Blower policy

The Portfolio Company holds frequent meetings with the public sector client to promote collaboration, coordination and integration of operations.

Reporting

The Portfolio Company uses a quarterly board pack, reporting to the board of directors on the operational and financial performance of the project and compliance with its obligations and regulation/legislation, including the policies.

Additionally, the Portfolio Company reports annually into BBGI's ESG KPI survey, which composed of 100+ data points, covering all aspects of ESG oversight.

Cyber security

Portfolio Company and its subcontractors continuously monitor that the cyber security policy is in place and perform information risk analysis and develops mitigating measures. They have a robust and comprehensive IT backup system in place. Additionally, the Portfolio Company has active Cyber security measures in place.

