



Queen's Wharf Brisbane Longitudinal Study

Informing decisions with data-driven insights

Queen's Wharf Brisbane (QWB) is a \$3.6 billion integrated resort development in the Brisbane CBD encompassing hotel and residential accommodation, a casino, retail and entertainment areas and public space.

QUT and the Queensland Government have created and implemented a long-term study of the benefits and impacts of this development. This is the first of its kind. Timely, data-informed insights about the development, ahead of its opening in late 2022 and extending 20 years into the future, will inform communities and governments, enhance business operations and provide an evidence base to proactively manage impacts.

QWB is set to revitalise an underutilised part of the city providing new tourism, retail, residential and leisure facilities, with 11 heritage buildings and places located in the precinct, repurposing nine heritage buildings and opening up a section of the Brisbane River's northern bank to enhanced public use.





QWB is the development of a generation for Brisbane, and promises to deliver significant benefits and impacts for the city, regional areas and Queensland that need to be captured, measured and analysed.

The Longitudinal Benefits and Impacts Study (LBIS) is a visionary project jointly initiated by QUT and the Queensland Government. Led by QUT, the LBIS is monitoring the social and economic effects of QWB from the development's inception and into the future. The LBIS is powered by QUT's extensive research expertise and provides QWB with the opportunity to be a global smart city exemplar of planned monitoring and data-informed reporting.

The overarching vision of the LBIS is to capture the socio-economic outcomes of the QWB at three spatial scales: for the QWB precinct, for the city of Brisbane, and for the state of Queensland. The intention is to record these outcomes over a significant time span, allowing decision makers to proactively plan, coordinate, manage and improve the development.

The LBIS is a unique and critical strategic framework for evidence-based monitoring and decision-making that can be applied where any large-scale infrastructure projects are being considered.

Tracking benefits and impacts

- Job creation (construction and operational, direct and indirect)
- Business growth (new and existing businesses, supply chains)
- Tourism growth (domestic and international)
- Financial growth (state revenues, land and property values)
- Revitalisation and preservation of heritage structures
- Community amenity (new spaces to live, work and play)
- Community engagement and participation (sentiment, social media, media)
- Cultural enhancement
- Transport (traffic and user movement, transport modes)

Why QUT?

QUT is a university that excels at real-world application of frontier technologies and couples this with leading academics in health, transport, big data, business and creative disciplines.

Our research has helped dozens of organisations, industries and government bodies achieve their goals. As the university for the real world, our research is user-inspired with an applied focus, and aligned to the human capital and innovation needs of the economy.

QUT's research strengths include creating and capturing value from new technology, data science, computational modelling and simulation science, digital media, law, social science robotics and computer vision, technology regulation and society, injury prevention and management, health problem prevention and smart cities and precincts.

QUT is here for the long term and can reliably carry the mantle of the benefits and impacts measurements for decades to come. Collecting, managing and analysing large volumes of data requires sustained work by diverse teams of specialists and a trusted, independent entity for data storage, management and reporting. With access to the best computer facilities in the country and more than 2000 full-time equivalent academic staff, QUT can achieve these demands comprehensively and cost effectively.

QUT's unique ability to assemble effective interdisciplinary teams ensures the knowledge depth and breadth that the LBIS requires, underpinned by access to relevant best practice journal articles, research data and databases.

Find out more

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