



# Bulk Waste Transport

LG Infrastructure Services can assist local governments reduce their total waste management network costs by developing financial models that enable better decision making. Integrating transport costs into the options analysis allows councils to optimise facility location decisions and reduce overall network costs.

### BENEFITS

#### Optimise transport networks

Identify the lowest cost transport options to suit your waste management framework.

#### Integration of waste transport

Integrate transport networks to improve efficiencies and transport flexibility.

#### Achieve greater environmental outcomes

Adopt higher environmental standards for disposal in regional disposal solutions by optimising transport.

#### Lower overall waste management costs

Analyse transport costs as part of the overall network to identify the lowest total network cost option.

### IDENTIFY THE OPTIMAL NETWORK SOLUTION

As environmental and operating standards increase for landfill management, an increasingly common response is to operate fewer landfills within a regional framework. This trend increases the demand for transporting increased volumes of waste, over greater distances.

Road usage by trucks can be a sensitive issue. Ensuring your bulk waste transport is optimised allows you to prove that your council's adopted network minimises the number of vehicles, and their movements, within the available options. When transport options are considered as part of the total waste management network, reductions in the cost and the environmental impact can be achieved by councils.

With transport being a key cost driver, it is critical to fully analyse suitable options, including potential regional solutions.

### UNDERSTAND YOUR TOTAL NETWORK COSTS

Due to the long-term nature of waste management projects, increasing transport alters the key cost drivers within the project. This requires moving the focus from capital expense, as operational costs can far outweigh capital costs. Previous projects completed by LG Infrastructure Services, illustrates that operating costs can represent 70%–90% of total network costs over the life of a project.

LG Infrastructure Services can assist councils to understand their total network costs, ensuring the decision-making process focuses on the key cost drivers of the network. Rather than reducing capital costs, focusing on the structure of capital competence can greatly reduce the long-term operational costs and result in a lower cost network for councils.

### PLAN YOUR TRANSPORT NETWORK

Having a clear understanding of the costs and benefits of the optimal waste management network will help you formulate a detailed plan. LG Infrastructure Services can help you develop a plan that demonstrates the benefits of the proposed network and builds the structure of the delivery mechanism around the solution.

A detailed plan can significantly help you gain access to government funding as you can clearly demonstrate in your application that the funding will go towards a solution that represents the optimal approach to your council's waste transport network.

LG Infrastructure Services can assist local governments achieve lower overall waste management costs while providing greater environmental outcomes for waste disposal.



# BULK WASTE TRANSPORT



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## WHO SHOULD BE INVOLVED

LG Infrastructure Services can assist any local government that is interested in exploring new, innovative ways of delivering waste management projects. Whether you need us to manage a project, or to simply provide advice along the way, our skilled and experienced team can assist at any stage of the project lifecycle.

## CONTACT DETAILS

To discuss how LG Infrastructure Services can assist with your waste management services, contact **Troy Uren** on **07 3842 4944** or email [turen@lgis.com.au](mailto:turen@lgis.com.au).

## ABOUT LG INFRASTRUCTURE SERVICES

LG Infrastructure Services is a joint initiative of the Local Government Association of Queensland and Queensland Treasury Corporation. The initiative was developed to address a need within local government for assistance in evaluating and delivering infrastructure in a cost effective and efficient manner.

LG Infrastructure Services works towards ensuring that the best value for money is achieved for local governments in infrastructure provision. This is achieved by improved bargaining power, increased economies of scale and the collective knowledge of Queensland's local governments.

Each project is approached in a consultative, flexible manner, and our services and advice are tailored to meet each council's individual needs—without taking control of the process.

LG Infrastructure Services can assist with any infrastructure project and specialises in water, waste management, roads, property, remote community support, and general commercial advice. Our key services include design and implementation of infrastructure solutions, project assurance reviews, commercial advisory services, and financial risk advisory services.

LG Infrastructure Services has proven itself to be a regional collaboration implementation partner of choice for local government, delivering a number of regional infrastructure programs on behalf of large groups of councils, and the State.

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## LG INFRASTRUCTURE SERVICES CONTACTS:

Level 14  
61 Mary St, Brisbane  
Queensland Australia 4000  
GPO Box 1163  
Brisbane QLD 4001  
T: 07 3842 4700  
[www.lgis.com.au](http://www.lgis.com.au)

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