



## The Transdev Sydney Environmental Management System

Transdev Sydney is certified to the ISO 14001:2015 International Standards for Environmental Management System. Below is a description of the system against which certification has been granted.

Transdev Sydney is responsible for the operations and maintenance of the Sydney Light Rail which provides services between Sydney CBD and the Inner Western suburbs or the South East suburbs. The following lists the physical boundaries and organisational unit functions associated with the business:

- L1 Central to Dulwich Hill includes approximately 12km of track, 23 stops, two major tunnels and a number of bridge structures along the line.
- L2 Circular Quay to Randwick and L3 Circular Quay to Juniors Kingsford via Central Chalmers Station includes approximately 12km of track, 19 stops, one tunnel, one overbridge and one footbridge structure.
- The L1 administrative head office is 220 Pyrmont Street.
- Maintenance facilities for the L1 are located at 190 Pyrmont Street and include a Depot, Washbay and stabling facilities. Further stabling is available at the Lilyfield stabling yard.
- The L2 and L3 administrative head office is 66a Doncaster Avenue, Randwick.
- Maintenance facilities for L2 and L3 are at Randwick Stabling Yard, and include a Depot, Washbay and stabling area.
- L1, L2, L3 shared facility at Lilyfield Maintenance Facility, and includes a Depot and stabling area - Operations for all three lines is performed out of the Operations Control Centre in Randwick

### Extent of Influence

Transdev Sydney's operations and maintenance activities are governed by the requirements of the Project Deed with Transport for NSW via the ALTRAC Consortium. Transdev Sydney has influence over, including:

- Energy efficiency strategies
- Water efficiency strategies

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- Procurement and supplier management
- Community engagement initiatives on environmental management
- Collaborative activities with Local Council

### **Compliance Obligations**

Transdev Sydney has identified its compliance obligations, legal and needs and expectations from interested parties, in the development of its Environmental Management System scope.

### **Reporting**

Transdev Sydney is part of the Transdev Australasia group and is subject to any reporting requirements set by Transdev Australasia.

Transdev Sydney has also committed to report against the following economic, environmental and social sustainable Global Reporting Initiatives (GRI) Indicators. The table below lists the indicator and Transdev Sydney performance against each category.

In accordance with the AA1000 stakeholder engagement standards, Transdev Sydney will use these indicators to provide assurance to key stakeholders on economic, environmental and social sustainability performance of the business. GRI content is presented in the following table and made available in posting this document on the Transdev Sydney website and will be used to inform annual corporate reports to cover topics that reflect economic, environmental and social impacts.

### **2019 - 2020 Global Reporting Initiatives Indicator performance**

Reporting Metric	Light Rail Operational Performance
<b>Direct energy consumption by primary energy source</b>	<p><b>Primary Energy Source (electricity consumption from the grid):</b>            5,360,765 kWh IWLR L1            7,313,447 kWh CSELR L2&amp;L3</p> <p>CSELR L2 and L3 electricity consumption was for only part of the financial year, period 14 December 2019 to 30 June 2020.</p>
<b>Total water withdrawal by source</b>	<p><b>Potable Water:</b> 1014kL</p> <p><b>Non-Potable Water:</b> 142kL</p>
<b>Description of significant impacts of activities, products, and services on biodiversity in protected areas and areas of high biodiversity value outside protected areas</b>	<p>Various works have been conducted to ensure that weedy vegetation from the rail corridor does not impact on protected Bushcare sites.</p> <p>Liaison activities with local council identified following bushcare site on IWLR L1:</p>

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Reporting Metric	Light Rail Operational Performance
	Fish Markets Light Rail Stop - adjacent to the up platform ramp at light rail stop and on top of cuttings adjacent to Saunders street.
<b>Total direct and indirect greenhouse gas emissions by weight</b>	<b>Direct Greenhouse gas emissions (fuel usage):</b> 17.57 Carbon Tonnes <b>Indirect Greenhouse gas emissions (electricity consumption from the grid):</b> 10,519 Carbon Tonnes.
<b>Total weight of waste by type and disposal method</b>	<b>IWLR L1</b> <b>General waste:</b> 30.71 Tonnes <b>Paper and cardboard waste:</b> 5.51 Tonnes <b>Commingled waste:</b> 1.30 Tonnes <b>Mixed Recycling:</b> 1.91 Tonnes <b>Hazardous waste:</b> 1.28 Tonnes
<b>Total number and volume of significant spills.</b>	No significant spills have occurred on the light rail corridor. Significant spills are those that are reportable to the EPA.
<b>Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with environmental laws and regulations</b>	No environmental penalties or fines have been issued due to light rail operational activities.
<b>Direct economic value generated and distributed, including revenues, operating costs, employee compensation, donations and other community investments, retained earnings, and payments to capital providers and governments (economic)</b>	<b>Direct economic value distributed</b> \$60,894,013.51 <b>Direct economic value generated, including revenues:</b> \$84,133,327.95
<b>Prevention and mitigation measures implemented in operations with significant potential or actual negative impacts on local communities (social)</b>	No measures have been implemented with significant potential or actual negative impacts on local communities
<b>Average hours of training per year per New employee by gender, and by employee</b>	Average hours of training: 190 hours per Driver (F/M) Average hours of training <b>Drivers:</b> 29,450 hours

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Reporting Metric	Light Rail Operational Performance
<b>category (training and education)</b>  <b>IWLR L1 – 10 Drivers</b> <b>13 Females</b> <b>35 Males</b>  <b>CSELR L2&amp;L3 - 145 Drivers</b> <b>26 Females</b> <b>119 Males</b>  <b>12 Controllers</b> <b>5 Females</b> <b>9 Males</b>  <b>24 Authorised Officers</b> <b>18 Females</b> <b>14 Males</b>  <b>67 Customer Service officers</b> <b>22 Female</b> <b>45 Males</b>	Average hours of training: 640 hours per Controller (F/M) Average hours of training <b>Controllers</b> : 7,680 hours  Average hours of training: 212 hours per Authorised Officer (F/M) Average hours of training <b>Authorised Officers</b> : 5,088 hours  Average hours of training: 58.88 hours per Customer Service Officer (F/M) Average hours of training <b>Customer Service Officers</b> : 3,886 hours  Average hours of training: 36.8 hours per Driver (F/M) Average hours of training <b>Drivers</b> : 1,911.4  Average hours of training: 10 hours per Network Controller (F/M) Average hours of training <b>Network Controllers</b> : 160 hours  Average hours of training: 22.08 hours per Authorised Officer (F/M) Average hours of training <b>Authorised Officers</b> : 1,413.12 hours  Average hours of training: 22.08 hours per Customer Service Officer (F/M)
<b>Average hours of training per year per Existing employee by gender, and by employee category (training and education)</b>  <b>L1 – 48 Drivers</b> <b>13 Females</b> <b>35 Males</b>  <b>L2 - 145 Drivers</b> <b>26 Females</b> <b>119 Males</b>  <b>16 Network Controllers</b> <b>6 Females</b> <b>10 Males</b>	Average hours of training: 36.8 hours per Driver (F/M) Average hours of training <b>Drivers</b> : 1,911.4  Average hours of training: 10 hours per Network Controller (F/M) Average hours of training <b>Network Controllers</b> : 160 hours  Average hours of training: 22.08 hours per Authorised Officer (F/M) Average hours of training <b>Authorised Officers</b> : 1,413.12 hours  Average hours of training: 22.08 hours per Customer Service Officer (F/M)

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Reporting Metric	Light Rail Operational Performance
<b>32 Authorised Officers</b> <b>18 Females</b> <b>14 Males</b>  <b>67 Customer Service officers</b> <b>22 Female</b> <b>45 Males</b>	Average hours of training <b>Customer Service Officers:</b> 1,479.36 hours

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