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## INDEPENDENT ASSURANCE REPORT

Deloitte Touche Tohmatsu (Deloitte) has provided independent limited assurance for selected quantitative data. The Assurance Report is presented in English only. If there is any inconsistency or ambiguity between the English version and the Chinese version of the Sustainability Report, the English version shall prevail as the limited assured content of Deloitte. This Assurance Report is presented in the following pages.



### To the Board of Directors of MTR Corporation Limited

We have been engaged by the Directors of MTR Corporation Limited (the "Company") to perform a limited assurance engagement in relation to certain sustainability performance data (the "Subject Matter") for the year ended 31 December 2016 (the "Reporting Period") and contained in its Sustainability Report 2016 (the "Sustainability Report"), as set out below.

### Subject Matter

The details of the Subject Matter selected by the Company are as follows:

#### Hong Kong

##### Environmental Performance

###### GHG Emission Inventory

- Total GHG Emissions (tonnes CO<sub>2</sub>e)
  - Scope 1 (tonnes CO<sub>2</sub>e)
  - Scope 2 (tonnes CO<sub>2</sub>e)
  - Scope 3 (tonnes CO<sub>2</sub>e)
- GHG Emissions - Corporate Support Functions and Main Office Buildings (tonnes CO<sub>2</sub>e)

- GHG Emissions - Transport Operations (tonnes CO<sub>2</sub>e)
  - Scope 1 (tonnes CO<sub>2</sub>e)
  - Scope 2 (tonnes CO<sub>2</sub>e)
  - Scope 3 (tonnes CO<sub>2</sub>e)
- GHG Emissions - Network Expansion (tonnes CO<sub>2</sub>e)
- GHG Emissions - Properties and Other Businesses (tonnes CO<sub>2</sub>e)
  - Scope 1 (tonnes CO<sub>2</sub>e)
  - Scope 2 (tonnes CO<sub>2</sub>e)
  - Scope 3 (tonnes CO<sub>2</sub>e)

###### Waste Management

- Metals recycled from railway operations (tonnes)
- Total hazardous waste (tonnes)
- Total hazardous waste in liquid (litres)

##### Social Performance

- Total employees in Hong Kong (number)
- Voluntary staff turnover rate (%)
- Vacant posts filled internally either by promotion or transfer (%)
- Percentage of employees trained by management (%)
- Training days per employee (days)
- Training days per employee by gender (days)
- Training days per employee by management (days)
- Total staff training days (man-day)

##### Safety Performance

- Passenger and Public Safety - Fatality performance
  - Heavy Rail
  - Light Rail
  - Bus
- Passenger and Public Safety - Number of injuries requiring hospitalisation per 100 million passenger journeys performance
  - Heavy Rail
  - Light Rail
  - Bus

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## Performance Metrics

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- Staff Safety - Fatality performance
  - Corporate support function
  - Operations division
  - Projects division
  - Property division
- Staff Safety - Lost time injuries per 100,000 man-hour performance
  - Corporate support function
  - Operations division
  - Projects division
  - Property division
- Contractor Safety - Fatality performance
  - Corporate support function
  - Operations railway
  - Hong Kong property development and investment projects
  - Hong Kong investment property
  - Hong Kong management property
  - Hong Kong project construction - railway extension projects
- Contractor Safety - Reportable accidents per 100,000 man-hour performance
  - Corporate support function
  - Operations railway
  - Hong Kong property development and investment projects
  - Hong Kong investment property
  - Hong Kong management property
  - Hong Kong project construction - railway extension projects

### Supply Chain Management

- Number of suppliers by geographical region (number)

### Mainland of China and International Business

(The Subject Matter, presented as follows, applies to

- Shenzhen Metro Line 4, managed by MTR Corporation (Shenzhen) Limited ("MTR(SZ)");
- Stockholm Metro, with operations and/or maintenance works being performed by MTR Tunnelbanan AB and MTR Tech AB (collectively named as "Stockholm Metro"); and
- Melbourne's metropolitan rail services, managed by Metro Trains Melbourne Pty. Ltd. ("MTM"),

unless otherwise specified.)

### Environmental Performance

#### GHG Emission Inventory

- Total GHG Emissions (tonnes CO<sub>2</sub>e)
  - Scope 1 (tonnes CO<sub>2</sub>e)
  - Scope 2 (tonnes CO<sub>2</sub>e)
- Total electricity consumption – heavy rail (MWh)
- Total water consumption (m<sup>3</sup>) (only applicable to MTR(SZ) and MTM)

#### Waste Management

- Metals recycled from railway operations (tonnes)
- Total hazardous waste (tonnes) (only applicable to MTR(SZ) and Stockholm Metro)
- Total hazardous waste in liquid (litres) (only applicable to MTR(SZ) and Stockholm Metro)

### Social Performance

- Total employees (number)
- Total employees by gender (number)
- Total employees by employment type (number)
- Total employees by age (number)
- Voluntary staff turnover rate (%)
- Voluntary staff turnover rate by gender (%)
- Voluntary staff turnover rate by age (%)
- Percentage of employees trained by gender (%) (only applicable to MTR(SZ) and Stockholm Metro)
- Percentage of employees trained by management (%) (only applicable to MTR(SZ) and Stockholm Metro)
- Training days per employee (days)
- Training days per employee by gender (days)
- Training days per employee by management (days)

### Safety Performance

- Passenger and Public Safety - Fatality performance
- Passenger and Public Safety - Number of injuries per million passenger journeys performance
- Staff Safety - Fatality performance
- Staff Safety - Lost time injuries per 100,000 man-hour performance
- Contractor Safety - Fatality performance
- Contractor Safety - Lost time injuries per 100,000 man-hour performance (only applicable to MTR(SZ) and MTM)

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### Train Service Performance

- Train punctuality (%)
- Train reliability (revenue car-km/ incident)
- Train service delivery (%)

### Supply Chain Management

- Number of suppliers by geographical region (only applicable to Stockholm Metro and MTM)

### Reporting criteria

The Subject Matter is presented in accordance with the "Performance Metrics" and "Data Management" set out on Page 170 and in the Appendix III of the Company's Sustainability Report which is contained in its website (in PDF) respectively (the "Reporting Criteria").

### Responsibilities

#### *Deloitte Touche Tohmatsu*

It is our responsibility to express a conclusion on the Subject Matter based on our work performed and to report our conclusion solely to you, as a body, in accordance with our agreed terms of engagement and for no other purpose. We do not assume responsibility or accept liability to any other person for the contents of this report.

#### *MTR Corporation Limited*

The Directors are responsible for the preparation and presentation of the Subject Matter in accordance with the Reporting Criteria. This responsibility includes designing, implementing and maintaining internal controls relevant to the preparation and presentation of the Subject Matter, applying an appropriate basis of preparation, making estimates that are reasonable in the circumstances and ensuring the accuracy and completeness of the Subject Matter.

### Reporting Framework

We conducted our work in accordance with the International Standard on Assurance Engagements 3000, Assurance Engagements other than Audits or Reviews of Historical Financial Information, and the International Standard on Assurance Engagements 3410, Assurance Engagements on Greenhouse Gas Statements (the "Standards"), issued by the International Auditing and Assurance Standards Board. The Standards require that we comply with ethical requirements, and plan and perform the engagement to obtain

limited assurance as to whether any matters have come to our attention that cause us to believe that the Subject Matter does not comply in all material respects with the Reporting Criteria.

### Objectives

The overall objectives of our procedures were to assess:

- Whether the Subject Matter was prepared, in all material respects, in accordance with the Reporting Criteria;
- The consistency of the information presented with the findings of our work.

### Procedures performed

Our work comprised the following limited procedures:

- Interviews with relevant management and personnel involved in providing information relating to the Subject Matter for inclusion in the Sustainability Report;
- Sample testing of documentary evidence at the Company's corporate-level and subsidiary-level;
- Analytical procedures; and,
- Recalculation.

We have not performed any procedures in relation to other data included in the Sustainability Report. In addition, our work performed is not for the purposes of expressing an opinion on the effectiveness of the Company's internal controls.

### Conclusion

Based on the procedures we have performed and the evidence we have obtained, nothing has come to our attention that caused us to believe that: 1) the Subject Matter has not been prepared, in all material respects, in accordance with the Reporting Criteria, and 2) that relevant sections in the Sustainability Report relating to the Subject Matter are not consistent with the findings of our work.

### **Deloitte Touche Tohmatsu**

Certified Public Accountants  
Hong Kong  
9 May 2017