

Notice to ASX and LSE

Shareholdings of directors and persons discharging managerial responsibility (PDMR) / Key Management Personnel (KMP)

22 July 2016

Rio Tinto plc notifies the London Stock Exchange (LSE) of PDMR/KMP interests in securities of Rio Tinto plc, in compliance with the EU Market Abuse Regime Article 19 (3). As part of its dual listed company structure, Rio Tinto voluntarily notifies the Australian Securities Exchange (ASX) of material dealings in Rio Tinto plc shares by PDMR/KMP and both ASX and the London Stock Exchange (LSE) of material dealings by PDMR/KMP in Rio Tinto Limited securities.

Global Employee Share Plan (GESP)

Under the GESP employees are able to purchase on a quarterly basis Rio Tinto plc ordinary shares of 10p each ('shares'), Rio Tinto plc ADRs or Rio Tinto Limited ordinary shares ('shares') out of monthly deductions from salary and are allocated an equivalent number of shares or ADRs free of charge ('matching shares' and 'matching ADRs') conditional upon satisfying the terms of the GESP. The matching shares or matching ADRs are subject to a three year holding period, and vest after this period. At the time of vesting, participants can elect to receive their awards for nil consideration either as shares or as cash from the proceeds of a sale of shares.

Rio Tinto plc was notified on 20 July 2016 that on 19 July 2016 the following PDMR/KMPs elected to receive the vested matching shares under the GESP in the form of shares, of which sufficient were sold to pay applicable withholding tax and other deductions.

Security	Name of PDMR/KMP	No: of Matching Shares Granted	No: of Shares Vested*	No: of Shares Sold	Price per Share GBP	No: of Shares Retained
Rio Tinto plc shares	Bague, Hugo	13.0999	15.3237	2.7587	23.6872	12.565
Rio Tinto plc shares	Jacques, Jean-Sébastien	13.0999	15.3237	6.4362	23.6872	8.8875

**The number of shares vested includes additional shares calculated to reflect dividends declared during the vesting period on the original shares granted, in accordance with the GESP plan rules.*

Rio Tinto Limited was notified on 20 July 2016 that on 19 July 2016 the following PDMR/KMPs elected to receive the vested matching shares under the GESP in the form of shares, of which sufficient were sold to pay applicable withholding tax and other deductions.

Security	Name of PDMR/KMP	No: of Matching Shares Granted	No: of Shares Vested*	No: of Shares Sold	Price per Share AUD	No: of Shares Retained
Rio Tinto Limited shares	McIntosh, Stephen	25.5249	29.6309	14.5193	49.60	15.1116

**The number of shares vested includes additional shares calculated to reflect dividends declared during the vesting period on the original shares granted, in accordance with the GESP plan rules.*

Rio Tinto plc was notified on 20 July 2016 that on 19 July 2016 the following PDMR/KMP elected to receive the vested matching ADRs under the GESP in the form of ADRs, of which sufficient were sold to pay applicable withholding tax and other deductions.

Security	Name of PDMR/KMP	No: of Matching ADRs Granted	No: of ADRs Vested*	No: of ADRs Sold	Price per ADR USD	No: of ADRs Retained
Rio Tinto plc ADRs	Valentine, Debra	29.3495	35.1723	16.5134	31.4226	18.6589

**The number of shares vested includes additional shares calculated to reflect dividends declared during the vesting period on the original shares granted, in accordance with the GESP plan rules.*

This announcement is made in compliance with the EU Market Abuse Regime.

Vaughn Walton
Assistant Company Secretary

Tim Paine
Joint Company Secretary

Rio Tinto plc
6 St James's Square
London SW1Y 4AD
United Kingdom

Rio Tinto Limited
120 Collins Street
Melbourne 3000
Australia

T +44 20 7781 1345
Registered in England
No. 719885

T +61 3 9283 3333
Registered in Australia
ABN 96 004 458 404