

Purchases of equity securities by the issuer and affiliated purchasers on October 31, 2021

Company: VALE S.A.							
Beginning balance							
Type of security	Characteristic of the security				Quantity	%	
						Same class of shares	Total capital
Shares	VALE3				56,463,175	1.10%	1.10%
Movements							
Type of security	Characteristic of the security	Intermediate	Operation	Date	Quantity	Average price (Daily)	Volume (R\$)
Shares	VALE3	Bradesco Securities Inc	Transfer of ADS's	10/18/2021	23,920,197	-	-
Shares	VALE3	XP Investments US	Transfer of ADS's	10/19/2021	35,459,797	-	-
Shares	VALE3	Citigroup Global Markets Inc	Transfer of ADS's	10/20/2021	8,097,552	-	-
Shares	VALE3	Santander Investment Securities Inc.	Transfer of ADS's	10/20/2021	16,734,600	-	-
Ending balance							
Type of security	Characteristic of the security				Quantity	%	
						Same class of shares	Total capital
Shares	VALE3				140,675,321	2.74%	2.74%

Company: VALE S.A.							
Beginning balance							
Type of security	Characteristic of the security				Quantity	%	
						Same class of shares	Total capital
ADS	VALE				84,212,146	1.64%	1.64%
Movements							
Type of security	Characteristic of the security	Intermediate	Operation	Date	Quantity	Average price (Daily)	Volume (R\$)
ADS	VALE	Bradesco Securities Inc	Cancellation of ADS's	10/18/2021	23,920,197	-	-
ADS	VALE	XP Investments US	Cancellation of ADS's	10/19/2021	35,459,797	-	-
ADS	VALE	Citigroup Global Markets Inc	Cancellation of ADS's	10/20/2021	8,097,552	-	-
ADS	VALE	Santander Investment Securities Inc.	Cancellation of ADS's	10/20/2021	16,734,600	-	-
Ending balance							
Type of security	Characteristic of the security				Quantity	%	
						Same class of shares	Total capital
ADS	VALE				0	0.00%	0.00%

Company: MBR S.A.							
Beginning balance							
Type of security	Characteristic of the security				Quantity	%	
						Same class of shares	Total capital
Shares	VALE3				57,809,730	1.13%	1.13%
Movements							
Type of security	Characteristic of the security	Intermediate	Operation	Date	Quantity	Average price (Daily)	Volume (R\$)
Shares	VALE3	J.P. Morgan CCVM SA	Buy	09/29/21	2,309,900	76.03099	175,623,986.00
Shares	VALE3	J.P. Morgan CCVM SA	Buy	10/01/21	2,453,600	76.30694	187,226,719.00
Shares	VALE3	J.P. Morgan CCVM SA	Buy	10/04/21	2,492,800	76.07452	189,638,561.00
Shares	VALE3	Citigroup Global Markets Brasil CCTVM S/A	Buy	10/05/21	2,060,800	75.48840	155,566,495.00
Shares	VALE3	J.P. Morgan CCVM SA	Buy	10/06/21	2,394,953	75.70564	181,311,450.75
Shares	VALE3	J.P. Morgan CCVM SA	Buy	10/07/21	3,000,000	79.44675	238,340,236.00
Ending balance							
Type of security	Characteristic of the security				Quantity	%	
						Same class of shares	Total capital
Shares	VALE3				72,521,783	1.41%	1.41%

Company: MBR S.A.							
Beginning balance							
Type of security	Characteristic of the security				Quantity	%	
						Same class of shares	Total capital
ADS	VALE				0	0.00%	0.00%
Movements							
Type of security	Characteristic of the security	Intermediate	Operation	Date	Quantity	Average price (Daily)	Volume (R\$)
-	-	-	-	-	-	-	-
Ending balance							
Type of security	Characteristic of the security				Quantity	%	
						Same class of shares	Total capital
ADS	VALE				0	0.00%	0.00%

Company: Vale Holdings B.V.							
Beginning balance							
Type of security	Characteristic of the security				Quantity	%	
						Same class of shares	Total capital
Shares	VALE3				0	0.00%	0.00%
Movements							
Type of security	Characteristic of the security	Intermediate	Operation	Date	Quantity	Average price (Daily)	Volume (R\$)
-	-	-	-	-	-	-	-
Ending balance							
Type of security	Characteristic of the security				Quantity	%	
						Same class of shares	Total capital
Shares	VALE3				0	0.00%	0.00%

Company: Vale Holdings B.V.							
Beginning balance							
Type of security	Characteristic of the security				Quantity	%	
						Same class of shares	Total capital
ADS	VALE				42,032,870	0.82%	0.82%
Movements							
Type of security	Characteristic of the security	Intermediate	Operation	Date	Quantity	Average price (Daily)	Volume (R\$)
ADS	VALE	Bradesco Securities Inc	Buy	09/29/21	2,500,000	14.03139	190,030,650.52
ADS	VALE	Bradesco Securities Inc	Buy	10/01/21	2,500,000	14.19780	191,354,369.57
ADS	VALE	XP Investments US	Buy	10/04/21	2,500,000	14.02114	190,000,456.57
ADS	VALE	Bradesco Securities Inc	Buy	10/05/21	2,500,000	13.84063	188,962,621.99
ADS	VALE	XP Investments US	Buy	10/06/21	2,500,000	13.79428	190,005,813.45
ADS	VALE	J.P. Morgan Securities Inc.	Buy	10/07/21	2,500,000	14.47445	199,530,225.12
Ending balance							
Type of security	Characteristic of the security				Quantity	%	
						Same class of shares	Total capital
ADS	VALE				57,032,870	1.11%	1.11%