

In December/2018 there were the following securities and derivatives operations, in accordance with article 11 of CVM Instruction 358/2002.

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	(X) Board of Directors	() Executive Management	() Fiscal Council	() Technical or Advisory Bodies	() Controlling Shareholder	() People connected to the management
Opening Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		170	0,000007%	Total 0,000007%	
Activity in the month						
Security / Derivative	Security Description	Intermediary	Deal	Date	Quantity	Price
Shares	Common Registered	N/A*	Buy	19/12/2018	37.707	7,44
Closing Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		37.877	0,001564%	Total 0,001564%	

*Shares acquired in a stock option plan held on bookkeeping agent

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	() Board of Directors	(X) Executive Management	() Fiscal Council	() Technical or Advisory Bodies	() Controlling Shareholder	() People connected to the management
Opening Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		196.805	0,008129%	Total 0,008129%	
Closing Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		196.805	0,008129%	Total 0,008129%	

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	() Board of Directors	() Executive Management	(X) Fiscal Council	() Technical or Advisory Bodies	() Controlling Shareholder	() People connected to the management
Opening Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		0	0,000000%	Total 0,000000%	
Closing Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		0	0,000000%	Total 0,000000%	

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	() Board of Directors	() Executive Management	() Fiscal Council	(X) Technical or Advisory Bodies	() Controlling Shareholder	() People connected to the management
Opening Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		0	0,000000%	Total 0,000000%	
Closing Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		0	0,000000%	Total 0,000000%	

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	() Board of Directors	() Executive Management	() Fiscal Council	() Technical or Advisory Bodies	(X) Controlling Shareholder	() People connected to the management
Opening Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		1.611.969.946	66,581922%	Total 66,581922%	
Closing Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		1.611.969.946	66,581922%	Total 66,581922%	

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	() Board of Directors	() Executive Management	() Fiscal Council	() Technical or Advisory Bodies	() Controlling Shareholder	(X) People connected to the management
Opening Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		0	0,000000%	Total 0,000000%	
Closing Balance						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		0	0,000000%	Total 0,000000%	