

TIM PARTICIPACOES SA
Form 6-K
January 18, 2013

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16 of the
Securities Exchange Act of 1934

For the month of January, 2012
Commission File Number 001-14491

TIM PARTICIPAÇÕES S.A.

(Exact name of registrant as specified in its charter)

TIM PARTICIPAÇÕES S.A.

(Translation of Registrant's name into English)

**Av. das Américas, 3434, Bloco 1, 7º andar Parte
22640-102 Rio de Janeiro, RJ, Brazil**

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.
Form 20-F Form 40-F

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby
furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No

TIM PARTICIPAÇÕES S.A
Publicly-held Company
Corporate Taxpayer's ID (CNPJ/MF): 02.558.115/0001-21
Corporate Registry (NIRE): 33 300 276 963

NOTICE TO THE MARKET

TIM Participações SA ("Company") (BOVESPA: TIMP3, and NYSE: TSU), the company which controls directly TIM Celular SA and Intelig Telecomunicações Ltda., in light of the article "Oi e TIM vão compartilhar rede 4G" published today (18th of January of 2013) by the newspaper "Valor Economico", informs to its shareholders, the market in general and other interested parties that it is constantly following and discussing business models for sharing network infrastructure, confirming that considers essential for the development of telecommunications in Brazil.

The model of "RAN Sharing" is one of the most successful international alternatives on sharing networks and contemplates various hypotheses for the joint use of infrastructure networks - passive elements (towers, generators, and other support elements), active elements (ERBs 4G - eNodeB) and transportation networks,

The Company believes that sharing initiatives optimize the efficiency of investments in the construction of new networks, increasing their speed of deployment and availability of services, as well as being in line with the challenges of sustainability, urbanism and conscious use of energy.

Rio de Janeiro, January 18th, 2013.

Rogério Tostes
Investor Relations Officer

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

TIM PARTICIPAÇÕES S.A.

Date: January 18, 2012

By: /s/ Rogério Tostes

Name: Rogério Tostes

Title: IRO

FORWARD-LOOKING STATEMENTS

This press release may contain forward-looking statements. These statements are statements that are not historical facts, and are based on management's current view and estimates of future economic circumstances, industry conditions, company performance and financial results. The words "anticipates", "believes", "estimates", "expects", "plans" and similar expressions, as they relate to the company, are intended to identify forward-looking statements. Statements regarding the declaration or payment of dividends, the implementation of principal operating and financing strategies and capital expenditure plans, the direction of future operations and the factors or trends affecting financial condition, liquidity or results of operations are examples of forward-looking statements. Such statements reflect the current views of management and are subject to a number of risks and uncertainties. There is no guarantee that the expected events, trends or results will actually occur. The statements are based on many assumptions and factors, including general economic and market conditions, industry conditions, and operating factors. Any changes in such assumptions or factors could cause actual results to differ materially from current expectations.
