



## **Rules for the PSI Geral Index®**

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# 1. Composition of the PSI Geral Index

- 1.1 *PSI Geral Index* The PSI Geral Index is a market capitalisation weighted price index of the eligible companies listed on Euronext Lisbon. The index is based on the last trade prices of the stocks (including depository receipts for shares) and the weights are based on the current market capitalisation. Euronext should be read as the official markets operated by the subsidiaries of Euronext N.V.
- 1.2 *Design PSI Geral Index* The PSI Geral Index is structured in such a way that it can be considered to represent the general trends of all companies listed on Euronext Lisbon.
- 1.3 **Composition**
- 1.3.1 *Universe* The PSI Geral Index only includes shares issued by companies that are listed on Euronext Lisbon.
- 1.3.3 *Excluded securities* The Compiler reserves the right to exclude:
- (a) Convertible preference shares and loan stocks until converted, and
  - (b) Warrants, rights and other derivative securities, which could possibly interfere with a proper calculation of the index from the selection universe.
- 1.4 **Weighting**
- 1.4.1 *Weighting in shares* The weighting of each stock included in the PSI Geral Index is determined by its current market capitalisation. This market capitalisation is calculated by multiplying the last trade share price by the total number of issued shares of the listed share category (on Euronext) that is included in the index. The total current number of shares in issue of each stock is included in the PSI Geral Index.

## 2. Calculation and publication of the PSI Geral Index

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|-----|------------------------------------|--|
| 2.1 | <i>Calculation of index</i>        | The level of the PSI Geral Index is calculated by multiplying the number of shares contained in the index by the share prices published by Euronext for the shares of each constituent, and dividing the cumulative total by the divisor. The entire amount of issued shares of a constituent company is included in the calculation of the company's market capitalisation. |
| 2.2 | <i>Publication frequency</i>       | The level of the PSI Geral Index is in principle published every trading day at the close of the markets based on the official closing prices of the constituents on that day.   |
| 2.3 | <i>Share prices</i>                | Share prices are the prices at which transactions are executed during regular daytime trading in shares listed on Euronext Lisbon.   |
| 2.4 | <i>Cancellation of prices</i>      | The level of the PSI Geral Index is calculated each trading day on the basis of the last published prices on that day. If prices are cancelled, the index will not be recalculated unless the Compiler decides otherwise.  |
| 2.5 | <i>Price unavailable</i>           | If no price has been fixed for a security on the trading day concerned, the last known price established during regular daytime trading in officially listed shares on Euronext Lisbon will be used.   |
| 2.6 | <i>Intervention in publication</i> | The Compiler retains the right to delay or to suspend the publication of the level of the PSI Geral Index or to mark the level of the PSI Geral Index indicative, if it believes that circumstances prevent the proper calculation of the index.   |
| 2.7 | <i>Return index</i>                | The PSI Geral Index is a total return index, taking into account the reinvestment of gross dividends.  |
| 2.8 | <i>Base date</i>                   | The base date for the PSI Geral Index is 5 January 1988 and its base level is 1000.  |

### 3. Sector indices

- 3.1 *ICB classification* The PSI Sectors are performance indices that result from grouping, by activity sector, the listed issues included in the PSI Geral Index, using for this purpose the ICB Classification: "Industry Classification Benchmark". Consequently, the PSI Sectors reproduce the performance of sub-groups of the equity segment of the Main Market, essentially acting as a complement to the informative content of the PSI Geral Index.
- 3.2 *Sector index names* Sector indices are calculated and disseminated, based on the Industry level of the ICB Classification, as follows:

	Names	Mnemonic	ISIN
1000	PSI BASIC MATERIALS	PTBM	QS0011016514
2000	PSI INDUSTRIALS	PTIN	QS0011016522
3000	PSI CONSUMER GOODS	PTCG	QS0011016571
5000	PSI CONSUMER SERVICES	PTCS	QS0011016597
6000	PSI TELECOMMUNICATIONS	PTTEL	QS0011016621
7000	PSI UTILITIES	PTUT	QS0011016647
8000	PSI FINANCIALS	PTFIN	QS0011016662
9000	PSI TECHNOLOGY	PTTEC	QS0011016688

## 4. Corporate events affecting selection

- 4.1 **Operational adjustment to the composition of the index**
- 4.1.1 *General* The composition of the portfolio on which the PSI Geral Index is based may change as a result of decisions or events, which affect one or more of the constituents of the PSI Geral Index.
- 4.1.2 *Announcement of composition changes* Changes in the listings on Euronext Lisbon are announced via an official notice by NYSE Euronext. The composition of the PSI Geral Index is updated daily in order to reflect at any moment Euronext Lisbon.
- 4.2 **Mergers and Acquisitions**
- 4.2.1 *Price source if trading stops* If regular daytime trading in one of the securities included in the PSI Geral Index stops or the stock is no longer traded during regular daytime trading, the compiler of the PSI Geral Index will in the first instance use the last known price of the stock concerned, subject to the provisions of section 2, but will also have the possibility of using prices which were not established during regular daytime trading in officially listed shares at Euronext.
- 4.2.2 *Prices used in case of merger or acquisition offers* If shares may be offered for exchange in connection with a merger or acquisition and this temporarily results in two listings at Euronext, the prices of the offered shares will be used, unless the compiler decides otherwise.
- 4.3 **Split-up**
- 4.3.1 *Split-up inclusion* In the event that a company included in the PSI Geral Index is split up, the securities resulting from the split that continue to be listed on Euronext Lisbon, will be included in the index. If the total post-market capitalisation of the stocks resulting from the split differs from the pre-market capitalisation of the original stock, the divisor of the index is adjusted. For the purposes of these rules a split-up is taken to mean a legal demerger, a spin-off or another situation that the compiler deems to be similar.
- 4.4 **New listings**
- Newly listed stocks* Newly listed stocks on Euronext that are listed on Euronext Lisbon on the first trading day, shall be added to the PSI Geral Index on the trading day following the first trading day at the official closing price of the first trading day.
- 4.5 **Final provisions for operational adjustments of selection**
- 4.5.1 *Permissible index change* Operational adjustments to the selection and/or weighting of companies included in the PSI Geral Index may not result in the index concerned changing by more than 0.01 index points.
- 4.5.2 *Weightings after removals* Since the level of the index will remain unchanged after a stock has been removed from the index as referred to in article 4.2.2 or 4.3.1, the divisor of the index is adjusted.

## 5. Corporate events affecting weighting of constituents

- 5.1 *Basic principle* The aim of the Compiler of the PSI Geral Index when making operational adjustments is to ensure that the basic principles of the index (see section 1) are maintained and that the index continues to reflect as closely as possible the value of the underlying portfolio.
- Adjusted price* The decision if any particular corporate action will result in a divisor adjustment based on an adjusted closing price as calculated by the compiler, depends on the treatment of this corporate action on the national Euronext market, as the treatment of the national Euronext market will be replicated in order to have the same stock price for all indices.
- 5.2 **Dividends**
- 5.2.1 *Reinvestments of dividend* The PSI Geral Index is a total return index, taking into account the reinvestment of gross dividends.
- 5.2.2 *Bonus issues* In the event of a stock dividend, bonus dividend or bonus issue, the divisor of the PSI Geral Index will not be adjusted unless the compiler of the index decides the issue is structured in such a way the underlying principles and accuracy of the index are affected. To determine whether a bonus dividend exists, the basic principle will be whether the company treats it as a bonus dividend and publishes it as such. The compiler will make the final decision if there is any doubt.
- 5.3 **Rights issues and other rights**
- 5.3.1 *Rights issue* In the event of a rights issue, the divisor of the index will be adjusted in such a way that the value of the index remains the same. The adjustment of the divisor is based on the theoretical value of the rights issue as calculated by the compiler. The Compiler shall only effect adjustments if the rights issue represents a positive value.
- 5.3.2 *Other rights* The procedure set out in article 5.3.1 will also be followed if a value can be attributed to a subscription right for convertible bonds, bonds with warrants or warrants with preferential rights for shareholders.
- 5.4 *Change of capital structure* If a company changes its capital structure and the market capitalisation of the company pre the capital structure change equals the market capitalisation of the post capital structure change the index divisor remains unchanged. If a company changes capital structure and the market capitalisation of the company pre the capital structure change differs from the market capitalisation of the post capital structure change the index divisor is adjusted accordingly.
- 5.5 *Share split* In the event of a share split the number of shares in the company concerned will be multiplied by the factor used for the split at that time.

5.6 *Multiple adjustments* In the event that adjustments as referred to in articles 5.2 up to 5.5 inclusive occur in combination, the number of shares in the constituent company in question will be adjusted so that the value of the index remains the same.

5.7 **Final provisions for operational adjustments affecting weightings**

5.7.1 *Permissible index change* Operational adjustments to the weighting of companies included in the PSI Geral Index may not result in the index concerned changing by more than 0.01 index points.

5.7.2 *Cases not covered* In cases that are not expressly covered in these rules, operational adjustments will take place along the lines of the aim set out in article 5.1. Operational adjustments may also take place if, in the opinion of the Compiler of the PSI Geral Index, it is desirable to do so to maintain a fair and orderly market in derivatives on this index and/or this is in the best interests of the investors in these products and/or the proper functioning of the markets.

All adjustments must meet the requirement that the PSI Geral Index value shall remain unchanged as a result of an operational adjustment. The compiler of the PSI Geral Index will submit all operational adjustments which are not specifically covered in the rules to the supervisor, as meant in rule 6.1, for approval.

## 6. Governance and final provisions

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|-----|-------------------------------------|---|
| 6.1 | <i>Governance</i>                   | The board of directors of Euronext Indices B.V., a subsidiary of Euronext Amsterdam N.V., acts as the compiler of the PSI Geral Index. The PSI Committee acts as advisory body for the compiler when changing these rules and as the supervisor of the Compiler.  |
| 6.2 | <i>Compiler</i>                     | The Compiler is responsible for the day-to-day management of the PSI Geral Index and is also responsible for decisions regarding the interpretation of these rules.   |
| 6.3 | <i>Cases not covered</i>            | In cases not covered by these rules but which require direct action, the Compiler will make a decision to the best of its ability and along the lines of and in accordance with the aim of these rules. The decision will be submitted to the supervisor of the PSI Geral Index at the earliest possible opportunity.   |
| 6.4 | <i>Rule book</i>                    | These rules may be supplemented, amended in whole or in part, revised or withdrawn at any time. Supplements, amendments, revisions and withdrawals may also lead to changes in the way the PSI Geral Index is compiled or calculated or affect the PSI Geral Index in another way. The Compiler will submit all decisions regarding supplementing, amending, revising or withdrawing these rules to the Euronext Indices Steering Committee for recommendations and approval. All decisions will be published immediately. A period of at least three months should pass between the date a proposed change is published and the date this comes into effect, unless the change is not in conflict with the interests of an affected party. Euronext, the Compiler nor the PSI Committee are liable for any losses resulting from supplementing, amending, revising or withdrawing the Rules for the PSI Geral Index. |
| 6.5 | <i>Liability</i>                    | The Compiler will do everything within its power to ensure the accuracy of the composition, calculation, publication and adjustment of the PSI Geral Index in accordance with relevant rules. However, Euronext, the Compiler and the PSI Committee are not liable for any inaccuracy in share prices, calculations and the publication of the index, the information used for making adjustments to the index and the actual adjustments.  |
| 6.6 | <i>Ownership of PSI Geral Index</i> | Euronext Indices B.V. owns all intellectual and other property rights to the PSI Geral Index, including the name, the composition and the calculation of the PSI Geral Index.   |

## Definitions

<b>Euronext Indices Steering Committee:</b>	Committee consisting of independent persons which acts as supervisor to the PSI Geral Index and to which all decisions regarding supplementing, amending, revising or withdrawing these rules are submitted for approval.
<b>Compiler:</b>	The board of directors of Euronext Indices B.V.
<b>ICB classification system:</b>	Industry Classification Benchmark system

## Appendix 1 PSI Geral Index Calculation Method

$$\text{Index value} = \sum_{i=1}^n \frac{x_i * w_i}{d}$$

Where:

- n: The number of securities in the index;
- $x_i$ : The latest trade price of the  $i^{\text{th}}$  component stock (or the price at close of business on the previous day);
- $w_i$ : The weighting for the  $i^{\text{th}}$  component stock (equal to the number of issued shares of the category listed at Euronext);
- d: The divisor (a figure which represents the total issued share capital of the index at the base date and which can be adjusted to allow changes in the issued share capital of individual constituents to be made without distorting the index).