

INDEX RULE BOOK

PSI 20® Family

Version 21-01

Effective from 15 December 2021

indices.euronext.com

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For further information in relation to Euronext Indices please contact: index-team@euronext.com

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1. GENERAL

This document is applicable to the PSI 20® family (“Index Family”), which consists of all the Indices as mentioned in the Reference Table.

The PSI 20 family is designed to reflect the price level trends in the trading of shares listed on Euronext Lisbon.

Euronext Lisbon is the Administrator of this Index Family. The PSI Committee is appointed as independent supervisor of the PSI 20 index family (“Independent Supervisor”).

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Previous version notes

18-01 Change of definition of Free Float Factor and move of Review Cut-Off date, update of governance naming, removal of minimum Free Float Factor requirement

19-01 Addition of the PSI 20 ex Banks indices.

20-01 Change of free float velocity threshold from 25% to 15% with additional possibility to select max 2 companies with at least 10% ff velocity at annual review.

20-02 Integration of ESG Disclosures and update for ICB classification definition changes

VERSION NOTES

Version	Effective date	New or changed parts	Reference/announcement
21-01	15 Dec 2021	restyled version in view of newly published Calculation and Corporate Actions rulebooks	

2. INDEX REVIEWS

2.1 REVIEW FREQUENCY AND RELEVANT DATES

Review frequency: Quarterly, with an Annual review in March

Review Effective Date: After the market close of the third Friday of March, June, September and December.

Review Cut-Off Date: After the market close of the penultimate Friday of February, May, August and November.

Review Announcement Date: At least six trading days before the Review Effective Date.

Review Weighting Announcement Date: Two trading days before the Review Effective Date.

2.2 REVIEW SELECTION

Step 1: Index Universe

Index Universe definition

The Index Universe consists of Companies admitted to listing on Euronext Lisbon. For the PSI 20 ex Banks companies classified in the ICB Super Sector Banks (3010) are excluded.

Continuous eligibility screening

Companies trading in other currencies than Euro are not eligible for the index. Furthermore only Companies traded continuously are eligible.

Step 2: Eligibility screening at reviews

Liquidity Analysis

The shares of a Company must have a free float velocity of at least 15%. In other words, their Regulated Trading Volume should represent at least 15% of the total number of listed shares times the Free Float Factor, calculated over the course of the full 12 months relevant for the review. Velocity is calculated on a daily basis by dividing the number of shares traded by the number of shares listed, adjusted for free float. These daily figures are added up to calculate the annual velocity. Companies that have a free float velocity of at least 10% may also be included in case the selection based on the standard threshold yields fewer than 18 constituents for the index.

The following Companies are not eligible:

- A. Companies removed in relation to a merger or acquisition after the previous Review Effective Date; and
- B. Other Companies or institutions as determined by Index Design based on substantial negative forecasts regarding liquidity, depth, regularity or continuity of market price formation.

Step 3: Selection Ranking

Companies within the Index Universe that fulfil the eligibility requirements are ranked based on Free Float Market Capitalisation on the Review Cut-Off Date. The Free Float Factors applied for the selection ranking and free float velocity calculation at each review are based on the Free Float Factors on the Review Cut-Off Date.

Step 4: Selection of constituents at the reviews

Annual Review:

The 18 highest ranking eligible companies that have a minimum free float market capitalization of at least € 100 million will be selected by default. Furthermore the 2 highest ranking eligible companies are selected provided that they have a minimum free float market capitalisation of at least € 100 million. If more than 2 eligible companies surpass the minimum size threshold, current constituents are preferred over companies that aren't part of the index at the moment, unless their ranking is 23rd or lower.

If fewer than 18 companies are selected the 2 highest ranking companies that have a minimum free float market capitalization of at least € 100 million are selected provided that they have a free float velocity of at least 10%.

If fewer than 18 companies are selected, then additional companies that have a free float velocity of at least 15% are added to the selection until the index consists of 18 constituents.

PSI 20 ex Banks: all the companies expected to be included in the PSI 20® after the close of business of the review effective date and not pertaining to the ICB Super Sector Banks (3010) are selected.

Quarterly reviews (in June, September and December):

Current constituents will be removed from the index if they rank lower than 25. Constituents will not be removed at the quarterly review due to their free float velocity becoming lower than the required minimum.

Eligible non constituent companies may be added to the index at the occasion of the quarterly review if they rank 15 or higher. Furthermore the highest ranking non constituent company will be added if the index consists of fewer than 18 constituents.

Should the index consist of more than 20 companies after the removal of low ranking constituents and the addition of high ranking non constituents or due to a split up or similar situation, then the lowest ranking current constituent(s) will be selected for removal in order to bring the number of constituents down to 20.

PSI 20 ex Banks: all the companies expected to be included in the PSI 20® after the close of business of the review effective date and not pertaining to the ICB Super Sector Banks (3010) are selected.

2.3 PERIODICAL WEIGHTING UPDATE

Weighting method

The index is Free Float Market Capitalisation weighted.

The Weighting Factors are explained in the following paragraphs.

Annual Review:

Number of shares

The Number of Shares of a company included in the Index Family will be updated to the listed Number of Shares on the Review Cut-Off Date, taking into account adjustments due to Corporate Actions.

Free Float factor

The Free Float Factor of a Company included in the Index Family will be updated to the Free Float Factor on the Review Cut-Off Date.

Capping Factor

A Capping Factor is calculated based on the Review Weightings Announcement Date such that the Companies included in the index have a maximum weight of 12%.

PSI 20 ex Banks: The capping factors of the Companies included in the Index will be equal to the capping factors in the PSI 20® index. This means that the maximum weight of the PSI 20 ex Banks exceeds the maximum percentage of the PSI 20.

Quarterly Reviews:

Number of shares

The Number of Shares of a Company included in the Index will be updated to number of shares listed on the Review Cut-Off Date if the Free Float Factor on the Review Cut-Off date deviates by 2 or more bands ($\geq 10\%$) from the Free Float Factor currently applied in the index and/or if the number of shares listed on the Review Cut-Off Date deviates by more than 20% from the current number of shares included in the index.

For Companies, if any, to be added to an index the number of shares will be the number of shares listed on the Review Cut-Off Date.

Free Float factor

The Free Float Factor of a Company included in the Index will be updated to Free Float Factor on the Review Cut-Off Date if the Free Float Factor on the Review Cut-Off date deviates by 2 or more bands ($\geq 10\%$) from the Free Float Factor currently applied in the index and/or if the number of shares listed on the Review Cut-Off Date deviates by more than 20% from the current number of shares included in the index.

For Companies, if any, to be added to an index the Free Float Factor will be the Free Float Factor on the Review Cut-Off Date.

Capping Factor

For Companies, if any, to be added to an Index, a Capping Factor is calculated based on the Review Weighting Announcement Date such that the companies have a maximum weight of 12%.

PSI 20 ex Banks: The capping factors of the Companies included in the Index will be equal to the capping factors in the PSI 20® index. This means that the maximum weight of the PSI 20 ex Banks exceeds the maximum percentage of the PSI 20.

3. REFERENCES

3.1 REFERENCE TABLE

Index name	Isincode	Mnemo	Bloom- berg Code	Reuters code	Base date	Base value	Publication since	Index Type
PSI 20®	PTING0200002	PSI20	PSI20	.PSI20	31-12-92	3000	31-12-92	Price
PSI 20® NR	QS0011211180	PSINR	PSINR	.PSINR	02-11-99	11987.6	29-12-10	Net Return
PSI 20® GR	PTING0210001	PSITR	PSI20TR	.TRPSI20	31-12-92	3000	31-12-92	Gross Return
PSI 20 ex Banks	PTINO0390005	PTEB	PTEBP	.PTEB	31-05-19	5000	17-07-19	Price
PSI 20 ex Banks NR	PTINO0400002	PTEBN	PTEBN	.PTEBN	31-05-19	5000	17-07-19	Net Return
PSI 20 ex Banks GR	PTINO0410001	PTEBG	PTEBG	.PTEBG	31-05-19	5000	17-07-19	Gross Return

3.2 BASE CURRENCY

The Base Currency of this index family is Euro.

3.3 PUBLICATION

The level of the Indices are in principle published every 15 seconds starting from 09:00. Index levels published before the official opening level is published are considered pre-opening index levels.

The official opening level is the first level published after a share price is available for all Companies included in the Index.

If share prices are not available for all constituents five minutes after Euronext Markets started regular daytime trading, the official opening level will be published as soon as the companies whose share prices are available of the current trading day represent at least 80% of the value of the index at the close of the previous trading day.

The closing level is the last level disseminated on the trading day.

4. ESG DISCLOSURES

EXPLANATION OF HOW ESG FACTORS ARE REFLECTED IN THE KEY ELEMENTS OF THE BENCHMARK METHODOLOGY	
Item 1. Name of the benchmark administrator.	Euronext Lisbon
Item 2. Type of benchmark	Equity Benchmark
Item 3. Name of the benchmark or family of benchmarks.	PSI 20 Index family
Item 4. Does the benchmark methodology for the benchmark or family of benchmarks take into account ESG factors?	No
Item 5. If the response to Item 4 is positive, please find below the ESG factors that are taken into account in the benchmark methodology and how they are used for selection, weighting and exclusion	
a) List of environmental factors considered:	Not applicable
b) List of social factors considered:	Not applicable
c) List of governance factors considered:	Not applicable
Item 6. Data and standards used.	
a) Data input. <i>(i) Describe whether the data are reported, modelled or, sourced internally or externally.</i> <i>(ii) Where the data are reported, modelled or sourced externally, please name the third party data provider.</i>	Not applicable
b) Verification of data and guaranteeing the quality of those data. <i>Describe how data are verified and how the quality of those data is ensured.</i>	Not applicable
c) Reference standards <i>Describe the international standards used in the benchmark methodology.</i>	Not applicable
Information updated on:	Oct 2021

Overview of Rulebooks and other documents applicable for Euronext Indices

The following documents, all available on or via the following link: <https://www.euronext.com/en/indices/index-rules> should be read in conjunction with this document or provide other relevant information for the reader.

BENCHMARK STATEMENT

The Benchmark Statement identifies the primary features of an index family or families of indices in the context of the EU Benchmark regulation. For ESG based indices it also contains disclosure of ESG factors and reporting of scores.

COMPLIANCE STATEMENT

The Compliance Statement provides details, for both significant and non-significant benchmarks, for which provisions the Administrator has chosen not to apply, and offers an explanation as to why it is appropriate not to apply each provision.

GOVERNANCE EURONEXT INDICES

The purpose of the 'Governance Euronext Indices' is to describe the role and responsibilities of each of the governance bodies that are part of the Benchmark Administrators of Euronext.

RULEBOOK OF EACH FAMILY OF INDICES

Each index is part of an index family that shares the basis for selection (universe) and which is managed in a comparable way. A separate rulebook is provided for each index family that will describe the specific features of that index family as well as specific elements of each index within that family.

INDEX CALCULATION AND PERIODICAL REVIEW Euronext Indices

The Methodology Euronext describes all common aspects that apply for the

- periodical reviews, and
- the calculation of indices

EURONEXT INDICES CORPORATE ACTION RULES

• treatment of corporate actions
of indices provided by Euronext Indices.

EURONEXT ESG PROVIDERS METHODOLOGIES

An overview of various methods applied by providers of ESG scorings and labels

PROCEDURES EURONEXT INDICES

These rulebooks describe the various procedures that are applied for all Euronext Indices:

- Correction Policy
- Announcement Policy
- Complaints Procedure
- Consultations Procedure
- Procedure For Cessation of Indices

RULES OF PROCEDURE INDEPENDENT SUPERVISORS

For each Independent Supervisor Euronext publishes a 'Rules of Procedure' that describes the responsibilities and composition of each Independent Supervisor.

BENCHMARK OVERSIGHT COMMITTEE CHARTER

The Benchmark Oversight Committee Charter describes the role and responsibilities of the Benchmark Oversight Committee.