

# **INDEX RULE BOOK**

**Euronext BeNeLux Low Risk 20**

Version 22-01

Effective from 8 Sept 2022

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# Index

<b>1. General</b>	<b>2</b>
Version notes	2
<b>2. Index reviews</b>	<b>3</b>
2.1 Review frequency and relevant dates	3
2.2 Review Selection	3
2.3 Periodical Weighting Update	4
<b>3. References</b>	<b>5</b>
3.1 Reference Table	5
3.2 Base currency	5
3.3 Publication	5
<b>4. ESG Disclosures</b>	<b>6</b>

## 1. GENERAL

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This document is applicable to the Euronext® BeNeLux Low Risk 20 Family ("Index Family"), which consists of all the Indices as mentioned in the Reference Table.

The objective of the Index Family is to reflect the price level trends in the trading of shares listed in the markets in The Netherlands, Belgium and Luxembourg.

Euronext Amsterdam is the Administrator of this Index Family. For this Index Family no Independent Supervisor is appointed.

Euronext N.V. or its subsidiaries (hereinafter jointly "Euronext") owns all intellectual and other property rights to the index, including the name, the composition and the calculation of the index.

### VERSION NOTES

Version	Effective date	New or changed parts	Reference/announcement
21-01	15-12-2021	restyled version in view of newly published Calculation and Corporate Actions rulebooks	
22-01	08-09-2022	Addition of Review Weighting Date	EIA 2022-318

## 2. INDEX REVIEWS

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### 2.1 REVIEW FREQUENCY AND RELEVANT DATES

<b>Review frequency:</b>	Quarterly
<b>Review Effective Date:</b>	After the market close of the fourth Friday of March, June, September and December.
<b>Review Cut-Off Date:</b>	Five trading days before the Review Effective Date (after close). Trading days are weekdays on which Euronext Markets are open for trading.
<b>Review Announcement Date:</b>	At least two trading days before the Review Effective Date.
<b>Review Weighting Date:</b>	Three trading days before the Review Effective Date.
<b>Review Weighting Announcement Date:</b>	Two trading days before the Review Effective Date.

### 2.2 REVIEW SELECTION

#### Step 1: Index Universe

The Index Universe consists of the Companies included in the AEX® Index and the BEL 20® Index as well as the 10 largest Companies in terms of Free Float Market Capitalisation on the Review Cut-Off Date with a Main Listing on the Luxembourg Stock Exchange. At reviews this means included in the Indices after the Review Effective Date.

#### Step 2: Eligibility screening at reviews

Companies with a 90 trading days average daily Turnover up to and including the Review Cut-Off Date of below 5 million Euros are not eligible.

#### Step 3: Selection Ranking

All eligible stocks are ranked by 90 days annualized volatility. The ranking is from lowest to highest volatility.

#### 90 days annualized Volatility formula

$$Vol_{90d} = \sqrt{\frac{252}{90} * \sum \left[ \ln\left(\frac{Stock_t}{Stock_{t-1}}\right) \right]^2}$$

90d = 90 trading Days

$Stock_t$  = Stock closing level at time "t", "t" ranging from today closing to today closing-90

$Stock_{t-1}$  = Stock closing level at time "t-1", "t-1" ranging from last closing to last closing-90

#### Step 4: Selection of constituents at the reviews

The 20 highest ranking Companies are selected (lowest volatility).

## **2.3 PERIODICAL WEIGHTING UPDATE**

### **Weighting method**

The index is Non-Market Capitalisation weighted, based on  $1/(90d \text{ volatility})$  normalized.

The Weighting Factors are explained in the following paragraphs.

### **Number of shares**

The new weightings are calculated such that each constituent will have a weight in the index inversely proportional to its 90 days volatility. The weightings will be rounded to the nearest whole number.

The Number Of Shares are determined based on the closing prices of the Companies to be included in the Index on the Review Weighting Date.

### **Free Float factor**

The Free Float Factor is not applicable for the weighting of this Index Family.

### **Capping Factor**

A maximum weighting of 10% is applied to each index constituent at the reviews. The assessment and new capping coefficients are based on the Review Weighting Announcement Date.

### 3. REFERENCES

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#### 3.1 REFERENCE TABLE

Index name	Isincode	Mnemo	Bloom- berg Code	Reuters code	Base date	Base value	Publication since	Index Type
Euronext® BeNeLux Low Risk 20	NL0012294235	EBLRE	EBLRE	.EBLRE	31/12/2004	1 000	26/04/2017	Price
Euronext® BeNeLux Low Risk 20 NR	NL0012294243	EBLRN	EBLRN	.EBLRN	31/12/2004	1 000	26/04/2017	Net Return
Euronext® BeNeLux Low Risk 20 GR	NL0012294250	EBLRG	EBLRG	.EBLRG	31/12/2004	1 000	26/04/2017	Gross Return
Euronext® BeNeLux Low Risk 20 Decrement 4.5%	NL0012294268	EBLRD	EBLRD	.EBLRD	31/12/2004	1 000	26/04/2017	Decrement Return 4.5% on NR

#### 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 constituents.

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	
<b>Item 1.</b> Name of the benchmark administrator.	Euronext Amsterdam
<b>Item 2.</b> Type of benchmark	Equity Benchmark
<b>Item 3.</b> Name of the benchmark or family of benchmarks.	<b>Euronext BeNeLux Low Risk 20 index</b>
<b>Item 4.</b> Does the benchmark methodology for the benchmark or family of benchmarks take into account ESG factors?	No
<b>Item 5.</b> 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
<b>Item 6.</b> 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
<b>Information updated on:</b>	April 2021