

# **EXTERNAL DATA PROVIDERS METHODOLOGIES RULEBOOK**

**Euronext Indices**

Version 26-01

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[indices.euronext.com](https://indices.euronext.com)

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## 1. Introduction

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### 1.1 PURPOSE

The purpose of this document, titled 'External Data Provider Methodology Rulebook,' is to outline the types of external data points utilised in Euronext indices, categorised by data providers. These providers supply data for various ESG and Thematic indices. The document aims to explain the methodology behind each external data provider used in our indices. For each provider, the specific data points currently employed in the indices are listed in their respective sections. Additionally, the data point legend section highlights the key aspects of the methodology used by each third-party data provider regarding the data points in Euronext indices.

### 1.2 VERSION NOTES

Version	Effective date	New or changed parts
21-01	Dec 2021	Initial version
21-01-a	15 Dec 2021	Initial version, including updated Carbone4 CIA methodology and adding Iceberg and Sustainalytics
21-01-b	15 Dec 2021	Addition of External Index Data Committee and update of lay-out
22-01	1 Feb 2022	Update and verification of texts for: <ul style="list-style-type: none"><li>- Iceberg Data lab</li><li>- Sustainalytics</li><li>- CDP</li><li>- Moody's ESG Solutions</li><li>- Carbon4 Finance</li><li>- ISS ESG Issuer SDS Carbon Budget PCT</li></ul>
22-02	6 April 2022	Added 10 Humpact
22-03	21 October 2022	Update of texts for Moody's ESG Solutions and Sustainalytics
22-04	3 November 2022	Added 11. Ned Davis Research (NDR)
22-05	17 November 2022	Added 12. Equileap
24-01	22 April 2024	Update description of biodiversity score of Carbone4
24-02	December 2024	Redesign of the document for: <ul style="list-style-type: none"><li>- Sustainalytics</li><li>- Carbon4 Finance</li><li>- CDP</li><li>- Moody's ESG Solutions</li><li>- ISS ESG</li><li>- Humpact</li><li>- Equileap</li><li>- GRESB</li><li>- SesamM</li><li>- Iceberg</li><li>- Equileap</li><li>- European Space Agency</li><li>- FAS</li><li>- Business France</li></ul>
25-01	April 2025	Update of ESG data fields and data providers
25-02	November 2025	Added Kepler Unigestion

26-01	June 2026	Removal of Moody's, addition of Dorval, iCubed, ValueCoMetrics, and Scientific Portfolio
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## 2. Sustainalytics

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### 2.1 INTRODUCTION

Sustainalytics, a Morningstar Company, is a premier ESG research, ratings, and data firm that aids investors worldwide in developing and implementing responsible investment strategies. For nearly 30 years, the firm has been at the forefront of creating high-quality, innovative solutions to meet the evolving needs of global investors. Today, Sustainalytics collaborates with hundreds of the world's leading asset managers and pension funds, integrating ESG and corporate governance information and assessments into their investment processes. Additionally, Sustainalytics partners with numerous companies and their financial intermediaries to incorporate sustainability into policies, practices, and capital projects. As of 2024, Sustainalytics employs over 1,800 staff members across 17 global offices, including more than 800 analysts with diverse multidisciplinary expertise spanning over 40 industry groups. For more information, visit [www.sustainalytics.com](http://www.sustainalytics.com).

### 2.2 DATA POINTS PROVIDED

Field Name	Description
<b>ESG Risk Rating</b>	The company's overall score in the ESG Risk Rating. It applies the concept of risk decomposition to derive the level of unmanaged risk for a company, which is assigned to one of five risk categories. The score ranges from 0 and 100, with 0 indicating that risks have been fully managed (no unmanaged ESG risks) and 100 indicating the highest level of unmanaged risk. It is calculated as the difference between a company's overall exposure score and its overall managed risk score, or alternatively by adding the Corporate Governance unmanaged risk score to the sum of the company's issue unmanaged risk scores.
<b>Global Standards Screening</b>	Field indicating the overall Global Compact Compliance status.
<b>Tobacco Products Production-Category of Involvement Id</b>	Category of involvement for the indicator.
<b>Tobacco Products Production Involvement Id</b>	Level of involvement Range for the indicator.
<b>Tobacco Products Related Products/Services-Level of Involvement Id</b>	Category of involvement for the indicator.
<b>Tobacco Products Retail-Level of Involvement Id</b>	Level of involvement Range for the indicator.
<b>Tobacco Products Significant ownership</b>	Percentage ownership for the indicator.

<b>(production)-Range Ownership</b>	
<b>Tobacco Products Significant ownership (related products/services)-Range Ownership</b>	Percentage ownership for the indicator.
<b>Tobacco Products Significant ownership (retail)-Range Ownership</b>	Percentage ownership for the indicator.
<b>Thermal Coal Extraction-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Thermal Coal Power Generation-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Thermal Coal Supporting Products/Services-Level of Involvement Id</b>	Level of involvement (revenue range) for the indicator
<b>Thermal Coal Extraction-Level of Involvement</b>	Category of involvement for the indicator
<b>Thermal Coal Extraction-Revenue Percentage</b>	The % share of total revenue coming from Product involvement
<b>Thermal Coal Supporting Products/Services-Revenue Percentage</b>	The % share of total revenue coming from Product involvement
<b>Thermal Coal Extraction-Category of Involvement Id</b>	Category of involvement for the indicator
<b>Thermal Coal Power Generation-Category of Involvement Id</b>	Category of involvement for the indicator
<b>Thermal Coal Power Generation-Revenue Percentage</b>	The % share of total revenue coming from Product involvement
<b>Thermal Coal Power Generation-Level of Involvement</b>	Level of involvement (revenue range) ID for the indicator
<b>Oil Sands Extraction-Revenue Level of Involvement Id</b>	Level of involvement ID (revenue) for the indicator
<b>Oil &amp; Gas Production-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator

<b>Oil &amp; Gas Generation-Revenue Level of Involvement Id</b>	Level of involvement ID (revenue) for the indicator
<b>Oil &amp; Gas Supporting Products/Services-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Oil &amp; Gas Production-Revenue Percentage</b>	The % share of total revenue coming from Product involvement
<b>Oil &amp; Gas Production-Exploration and Production Oil Revenue Percentage</b>	The % share of total revenue coming from Product involvement
<b>Oil &amp; Gas Production-Transportation and Storage Oil Revenue Percentage</b>	The % share of total revenue coming from Product involvement
<b>Oil &amp; Gas Production-Refining Oil Revenue Percentage</b>	The % share of total revenue coming from Product involvement
<b>Oil &amp; Gas Production-Revenue Analysis Source</b>	
<b>Oil Sands Extraction-Category of Involvement Id</b>	Category of involvement for the indicator
<b>Shale Energy Extraction-Category of Involvement Id</b>	Category of involvement for the indicator
<b>Shale Energy Extraction-Level of Involvement</b>	Level of involvement (revenue range) ID for the indicator
<b>Oil &amp; Gas Production-Category of Involvement Id</b>	Category of involvement for the indicator
<b>Oil &amp; Gas Generation-Category of Involvement Id</b>	Category of involvement for the indicator
<b>Arctic Oil &amp; Gas Exploration Extraction-Level of Involvement</b>	Level of involvement (revenue range) ID for the indicator
<b>Shale Energy Extraction-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Arctic Oil &amp; Gas Exploration Extraction-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Oil &amp; Gas Production-Exploration and Production Natural Gas Revenue Percentage</b>	The % share of total revenue coming from Product involvement
<b>Oil &amp; Gas Production-Transportation and Storage</b>	The % share of total revenue coming from Product involvement

<b>Natural Gas Revenue Percentage</b>	
<b>Oil &amp; Gas Production-Refining Natural Gas Revenue Percentage</b>	The % share of total revenue coming from Product involvement
<b>Small Arms Civilian customers (Assault weapons)-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Small Arms Civilian customers (Non-assault weapons)-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Controversial Weapons Tailor-made and essential-Category of Involvement Id</b>	Category of involvement for the indicator
<b>Controversial Weapons Non tailor-made or non-essential-Category of Involvement Id</b>	Category of involvement for the indicator
<b>Small Arms Military/law enforcement customers-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Small Arms Key components-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Controversial Weapons Significant ownership (Tailor-made and essential)-Category of Involvement Id</b>	Category of involvement for the indicator
<b>Controversial Weapons Significant ownership (non-tailor-made or non-essential)-Category of Involvement Id</b>	Category of involvement for the indicator
<b>Military Contracting Weapons-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Nuclear Production-Revenue Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>S.3.1.3.3 Cybersecurity Programme-Raw Score-RR</b>	The score that corresponds to the management indicator answer category selected by the analyst during indicator research. Raw scores range from 0 to 100, with 0 indicating the lowest level of performance, and 100 indicating the highest

	level of performance. Not linked to a specific material ESG issue.
<b>S.3.1.3 Data Privacy &amp; Security Policy-Raw Score-RR</b>	The score that corresponds to the management indicator answer category selected by the analyst during indicator research. Raw scores range from 0 to 100, with 0 indicating the lowest level of performance, and 100 indicating the highest level of performance. Not linked to a specific material ESG issue.
<b>S.3.1.3.1 Data Privacy Programme-Raw Score-RR</b>	The score that corresponds to the management indicator answer category selected by the analyst during indicator research. Raw scores range from 0 to 100, with 0 indicating the lowest level of performance, and 100 indicating the highest level of performance. Not linked to a specific material ESG issue.
<b>Palm Oil Production and distribution-Category of Involvement Id</b>	Category of involvement for the indicator
<b>Pesticides Production-Category of Involvement Id</b>	Category of involvement for the indicator
<b>Adult Entertainment Production-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Adult Entertainment Distribution-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Gambling Operations-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Gambling Specialized Equipment-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Gambling Supporting Products/Services-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Whale Meat Processing-Category of Involvement Id</b>	Category of involvement for the indicator
<b>E.2.2 Environmental Supply Chain Incidents-Answer Category</b>	<p>Answer category score for:</p> <ul style="list-style-type: none"> <li>Emissions, Effluents and Waste – Supply Chain</li> <li>Energy Use and GHG Emissions - Supply Chain</li> <li>Land Use and Biodiversity -Supply Chain</li> </ul>

	Water Use - Supply Chain
<b>E.1.12 Operations Incidents-Answer Category</b>	Answer category score for: Land Use and Biodiversity Emissions, Effluents and Waste Energy use and GHG Emissions Water Use
<b>E.3.2 Product &amp; Service Incidents-Answer Category</b>	Answer category score for:Environmental Impact of Products Carbon Impact of Products
<b>Arctic Oil &amp; Gas Exploration Extraction-Category of Involvement Id</b>	Category of involvement ID for the indicator
<b>Carbon - Total Emissions Scope 1,2&amp;3</b>	CALCULATED DATA: Scope1 + Scope2 + Scope 3 emissions. In metric tonneCo2e
<b>Oil &amp; Gas Supporting Products/Services-Revenue Percentage</b>	The % share of total revenue coming from Product involvement
<b>Oil &amp; Gas Generation- Revenue Percentage</b>	The % share of total revenue coming from Product involvement
<b>Energy Use and GHG Emissions-Answer category</b>	The score that corresponds to the indicator answer category selected by the analyst during indicator research. Raw scores range from 0 to 5, where 1 is low, 2 is moderate, 3 is significant, 4 is high, 5 is severe.
<b>Environmental Impact of Products-Answer category</b>	The score that corresponds to the indicator answer category selected by the analyst during indicator research.
<b>Land Use and Biodiversity- Answer category</b>	The score that corresponds to the indicator answer category selected by the analyst during indicator research.
<b>Water Use-Answer category</b>	The score that corresponds to the indicator answer category selected by the analyst during indicator research.
<b>Carbon Impact of Products- Answer category</b>	The score that corresponds to the indicator answer category selected by the analyst during indicator research.
<b>Genetically Modified Plants and Seeds Overall-Revenue Percentage</b>	The total (aggregated) revenue percentage of involvement in all categories of this PI area
<b>Controversial Weapons Tailor-made and essential- Category of Involvement Id</b>	Category of involvement ID for the indicator
<b>Animal Testing Pharmaceutical products- Category of Involvement Id</b>	Category of involvement ID for the indicator

<b>Controversial Weapons-Type of Weapon Id</b>	Field indicating the type of weapon id. Involvement is displayed through the 2 character ids for the weapon type. In case of multiple types, the ids are separated by a semicolon (;).
<b>Small Arms Civilian customers (Assault weapons)-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Shale Energy Extraction-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator
<b>Carbon - Total Emissions Scope 1&amp;2</b>	CALCULATED DATA: Scope1 + Scope2 Emmissions. In metric tonneCo2e
<b>Overall Global Compact Compliance Status</b>	Field indicating the overall Global Compact Compliance status.
<b>ESG Risk Percentile-Industry Group</b>	Sustainalytics' assessment of a company's ESG Risk Score relative to a Sustainalytics' industry group, expressed as a percentage rank, with 1% representing the company with the lowest ESG Risk Score and 100% the company with the highest ESG Risk Score in the industry group.
<b>ESG Risk Score</b>	The company's overall score in the ESG Risk Rating. The score ranges from 0 and 100, with 0 indicating that risks have been fully managed.
<b>Highest Controversy Level-Answer Category</b>	Highest controversy score
<b>Tobacco Products Production-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator of Tobacco Product
<b>Military Contracting Weapon-related products and/or services-Level of Involvement Id</b>	Level of involvement (revenue range) ID for the indicator of Military contracting he company manufactures military weapon systems and/or integral, tailormade components or these weapons.
<b>Controversial Weapons Non tailor-made or non essential-Category of Involvement Id</b>	The company provides components/services for the core weapon system, which are either not considered tailor-made or not essential to the lethal use of the weapon. Level of involvement (revenue range) ID for the indicator of controversial weapon
<b>Emissions, Effluents and Waste -Answer category</b>	- Degradation & Contamination (Land) - Discharges and Realeases (Water) - Emissions to Air
<b>Animal Testing Non-pharmaceutical products-Category of Involvement Id</b>	The company conducts animal testing for non-pharmaceutical products.

<b>E.3.1.9 GMO Policy- Weighted Score- Consolidated-RR</b>	
<b>Controversial Weapons Non tailor-made or non essential-Category of Involvement Id,</b>	The company provides components/services for the core weapon system, which are either not considered tailor-made or not essential to the lethal use of the weapon
<b>Oil &amp; Gas Generation- Revenue Percentage,</b>	The company generates electricity from oil and/or gas. (0-100%)

## 2.2 DATA POINT LEGEND

### ESG Risk Rating

A company's ESG Risk Rating uses the concept of Risk Decomposition to determine the level of Unmanaged Risk. This rating consists of a quantitative score and a related ESG Risk Category at the overall level. The quantitative score represents units of unmanaged ESG risk, with lower scores indicating less unmanaged risk. Unmanaged Risk is measured on an open-ended scale starting at zero (no risk) and, in 95% of cases, has a maximum score below 50. It is calculated as the difference between a company's overall Exposure score and its overall Managed Risk score. For companies in the Comprehensive framework, it can also be calculated by summing the company's Issue Unmanaged Risk scores.

### Global Standards Screening

This field indicates the overall Global Compact Compliance status. GSS evaluates the impact companies have on stakeholders and the extent to which they cause, contribute to, or are linked to violations of international norms and standards. Specifically, GSS provides Sustainalytics' opinion on whether a company is violating or at risk of violating a Principle (or Principles) of the United Nations Global Compact (UN Global Compact or UNGC). Possible values range from NULL, Compliant, Watchlist, to Non-Compliant.

### Category of Involvement Id

Category of involvement ID reflects the level of product involvement for the company. Possible values depend on the category and are alphanumeric. Morningstar Sustainalytics' Product Involvement methodology considers different forms of involvement. The themes indicate the types of involvement assessed but do not contribute to any calculations or define differences in the methodology assessment.

### Level of Involvement Id

This indicates a company's involvement in an area based on the percentage of revenues, translated into a numeric category ranging from 0 to 5. It sums up involvement across one or several data factors. Revenues are used to assess how important is the product area to the company overall business. A specific percentage of revenues is derived from the relevant product involvement category in a fiscal year. Morningstar either use reported or precise revenue estimation as follows:

- Reported: Revenue Percentage = 30% and Revenue Range
- The estimate is based on a review of business segment revenues and sales data while accounting for the quality and the quantity of disclosure
- Mid-point-Estimation is utilised in case where company disclosure is insufficient for estimating according to the above process. Morningstar Sustainalytics starts by estimating the revenue range In specific cases, revenues can be counted for multiple product involvement

The applicable revenue ranges are: 0-4.9%, 5-9.9%, 10-24.9%, 25-49.9%, 50- 100%

### **ESG Risk score**

The company's overall score in the ESG Risk Rating. It applies the concept of risk decomposition to derive the level of unmanaged risk for a company, which is assigned to one of five risk categories. The score ranges from 0 and 100, with 0 indicating that risks have been fully managed (no unmanaged ESG risks) and 100 indicating the highest level of unmanaged risk. It is calculated as the difference between a company's overall exposure score and its overall managed risk score, or alternatively by adding the Corporate Governance unmanaged risk score to the sum of the company's issue unmanaged risk scores.

### **Product Involvement**

Product involvement allows clients to screen companies according to value-based, ethical, impact, compliance or ESG risk considerations. It fall under six involvement Themes:

1. Energy
2. Environment
3. Defense & Military
4. Business Practices
5. Health
6. Values-Based.

Each product involvement indicator is assessed according to categories that reflect the level of involvement for the company. Depending on the activity, the level can be binary or based on revenue/capacity.

For most indicators, research is restricted to one category, but some indicators allow for multiple categories. All categories are shown in the system along with their respective assessments. If a company is involved in multiple categories, and the indicator allows only one, the most severe involvement (highest revenue range) is reported. If involvement levels are equivalent, the primary involvement is considered more severe.

#### *Binary involvement*

For limited company disclosures that don't allow revenue estimations, involvement is assessed as binary: 'involved' or 'not involved'. This applies to activities such as:

- Abortion
- Animal testing
- Contraceptives
- Controversial Weapons
- Human Embryonic Stem Cells
- Riot Control

#### *Revenue based involvement*

Revenues are used to assess the significance of a product area to a company's overall business, captured on a scale from 0 to 100%: 0-4.9%, 5-9.9%, 10-24.9%, 25-49.9%, and 50-100%. A revenue analysis source indicates whether the revenue percentage is reported by the company. For example, a revenue percentage of 30% falls within the 25-49.9% range.

If a company discloses involvement but does not report specific revenue linked to it, an analyst estimates the revenue. This estimate is based on a review of business segment revenues and sales data, considering the quantity and quality of the disclosure.

#### *Capacity-based involvement*

In some cases, the revenue-based proxy is supplemented with a capacity-based proxy. The capacity percentage is determined similarly to the revenue percentage, with data captured as reported, precise estimation, or mid-point estimation.

### Incident assessment

An incident is a record of an activity by a company that may have unintended/undesired negative sustainability impacts on the environment, society or other stakeholders. An incident is tied to one company, one location and one date. The company creating a negative impact can be a single incident

### Involvement area framework

Cat. ID	Category of Involvement	Description	Level of Involvement (Ranges)				
<b>ADULT ENTERTAINMENT</b>			<b>Proxy: revenues Percentage of revenues data available</b>				
AE1	Production	The company is involved in the production of adult entertainment and/or owns/operates adult entertainment establishments.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
AE2	Significant ownership (Production)	The company owns 10-50 per cent of another company with involvement in the production of adult entertainment and/or owns/operates adult entertainment establishments.	n/a	n/a	n/a	n/a	n/a
AE3	Distribution	The company is involved in the distribution of adult entertainment materials.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
AE4	Significant ownership (Distribution)	The company owns 10-50 per cent of another company with involvement in the distribution of adult entertainment.	n/a	n/a	n/a	n/a	n/a
<b>ANIMAL TESTING</b>			<b>Proxy: revenue data not available</b>				
AT1	Pharmaceutical products	The company conducts animal testing for pharmaceutical products, medical devices and biotechnology.	n/a	n/a	n/a	n/a	n/a
AT2	Significant ownership Pharmaceutical products	The company has a significant ownership (10-50%) in a company that conducts animal testing for pharmaceutical products, medical devices and biotechnology.	n/a	n/a	n/a	n/a	n/a
AT3	Suspected involvement Pharmaceutical products	Based on the company's activities and products, the company is likely to be involved in animal testing for pharmaceutical products, medical devices and biotechnology.	n/a	n/a	n/a	n/a	n/a
AT4	Non-pharmaceutical products	The company conducts animal testing for non-pharmaceutical products.	n/a	n/a	n/a	n/a	n/a
AT5	Significant ownership (Non-pharmaceutical products)	The company has a significant ownership (10-50%) in a company that conducts animal testing for non-pharmaceutical products.	n/a	n/a	n/a	n/a	n/a
AT6	Suspected involvement Non-pharmaceutical products	Based on the company's activities and products, the company is likely to be involved in animal testing for non-pharmaceutical products.	n/a	n/a	n/a	n/a	n/a
<b>ARTIC OIL &amp; GAS EXPLORATION</b>			<b>Proxy: revenues Percentage of revenues data available</b>				
AC1	Extraction	The company is involved in oil and gas exploration in Arctic regions.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%

AC2	Significant ownership (extraction)	The company owns 10-50 per cent of another company with involvement in oil and gas exploration in Arctic regions.	n/a	n/a	n/a	n/a	n/a
<b>CONTROVERSIAL WEAPONS</b>			<b>Proxy: revenue data not available</b>				
CW1	Tailor-made and essential	The company is involved in the core weapon system, or components/services of the core weapon system that are considered tailor-made and essential for the lethal use of the weapon.	n/a	n/a	n/a	n/a	n/a
CW2	Significant ownership (Tailor-made and essential)	The company is involved, through corporate ownership, in the core weapon system, or components/services of the core weapon system that are considered tailor-made and essential for the lethal use of the weapon.	n/a	n/a	n/a	n/a	n/a
CW3	Non tailor-made or non-essential	The company provides components/services for the core weapon system, which are either not considered tailor-made or not essential to the lethal use of the weapon.	n/a	n/a	n/a	n/a	n/a
CW4	Significant ownership (non-tailor-made or non-essential)	The company provides, through corporate ownership, components/services for the core weapon system, which are either not considered tailor-made or not essential to the lethal use of the weapon.	n/a	n/a	n/a	n/a	n/a
<b>GAMBLING</b>			<b>Proxy: revenues Percentage of revenues data available</b>				
GB1	Operations	The company owns and/or operates a gambling establishment.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
GB2	Significant ownership (Operations)	The company owns 10-50 per cent of another company with involvement in owning and/or operating a gambling establishment.	n/a	n/a	n/a	n/a	n/a
GB3	Specialized Equipment	The company manufactures specialized equipment used exclusively for gambling.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
GB4	Significant ownership (Specialized Equipment)	The company owns 10-50 per cent of another company with involvement in manufacturing specialized equipment used exclusively for gambling.	n/a	n/a	n/a	n/a	n/a
GB5	Supporting Products/ Services	The company provides supporting products/services to gambling operations.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
GB6	Significant ownership (Supporting Products/ Services)	The company owns 10-50 per cent of another company with involvement in providing supporting products/services to gambling operations.	n/a	n/a	n/a	n/a	n/a
<b>MILITARY CONTRACTING</b>			<b>Proxy: revenues Percentage of revenues data available</b>				
MC1	Weapons	The company manufactures military weapon systems and/or integral, tailor-made components for these weapon	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
MC2	Significant ownership (Weapons)	The company owns 10-50 per cent of another company with involvement in manufacturing military weapon systems and/or integral, tailor-made components for these weapons.	n/a	n/a	n/a	n/a	n/a
MC3	Weapon related products and/or services	The company provides tailor-made products and/or services that support military weapons.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%

MC4	Significant ownership (weapon-related products and/or services)	The company owns 10-50 per cent of another company with involvement in tailor-made products and/or services that support military weapons.	n/a	n/a	n/a	n/a	n/a
MC5	Non-weapon related products and/or services	The company provides non-weapons related tailor-made products and/or services to the military or defence industry. Products or services in this category are customised for military application, but are not used for lethal and offensive purposes, nor do they support offensive weapon systems.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
MC6	Significant ownership (non-weapon-related products and/or services)	The company owns 10-50 per cent of another company with involvement in non-weapons related tailor-made products and/or services to the military or defence industry.	n/a	n/a	n/a	n/a	n/a
<b>NUCLEAR POWER</b>			<b>Proxy: revenues</b> <b>Percentage of revenues data available.</b> <b>Percentage of production capacity data for NP1 - Production category of involvement also available.</b>				
NP1	Production	The company produces nuclear power.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
NP2	Significant ownership (production)	The company owns 10-50 per cent of another company with involvement in the production of nuclear power.	n/a	n/a	n/a	n/a	n/a
NP3	Supporting Products and Services	The company provides products/services that support the nuclear power industry.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
NP4	Significant ownership (supporting products/ services)	The company owns 10-50 per cent of another company with involvement in the provision of products/services that support the nuclear power industry.	n/a	n/a	n/a	n/a	n/a
NP5	Distribution	The company distributes electricity generated from nuclear power.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
NP6	Significant ownership (distribution)	The company owns 10-50 per cent of another company with involvement in the distribution of electricity generated from nuclear power.	n/a	n/a	n/a	n/a	n/a
<b>OIL &amp; GAS</b>			<b>Proxy: revenues</b> <b>Percentage of revenues data available.</b> <b>Percentage of production capacity data for the OG5 - Generation category of involvement also available.</b>				
OG1	Production	The company is involved in oil and gas exploration, production, refining, transportation and/or storage. Subcategories: - Exploration and Production - Refining - Transportation - Storage	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
OG2	Significant ownership (production)	The company owns 10-50 per cent of another company with involvement in exploration, production, refining, transportation and storage of oil and/or gas.	n/a	n/a	n/a	n/a	n/a
OG3	Supporting Products/ Services	The company provides tailor-made products and services that support oil and gas exploration, production, refining, transportation and storage.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%

OG4	Significant ownership (Supporting Products/ Services)	The company owns 10-50 per cent of another company with involvement in the provision of tailor-made products and services that support oil and gas exploration, production, refining, transportation and storage.	n/a	n/a	n/a	n/a	n/a
OG5	Generation	The company generates electricity from oil and/or gas.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
OG6	Significant ownership (generation)	The company owns 10-50 per cent of another company with involvement in the generation of electricity from oil and/or gas.	n/a	n/a	n/a	n/a	n/a
<b>OIL SANDS</b>			<b>Proxy: revenues</b> <b>Percentage of revenues data available.</b> <b>Percentage of production capacity data for OS1- Extraction category of involvement also available.</b>				
OS1	Extraction	The company extracts oil sands.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
OS2	Significant ownership (extraction)	The company owns 10-50 per cent of another company with involvement in extraction of oil sands.	n/a	n/a	n/a	n/a	n/a
<b>PALM OIL</b>			<b>Proxy: revenues</b> <b>Percentage of revenues data available</b>				
PM1	Production and distribution	The company is involved in the production and/or distribution of palm oil.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
PM2	Significant ownership (production and distribution)	The company owns 10-50 per cent of a company that is involved in the production and/or distribution of palm oil.	n/a	n/a	n/a	n/a	n/a
<b>PESTICIDES</b>			<b>Proxy: revenues</b> <b>Percentage of revenues data available.</b>				
PE1	Production	The company manufactures pesticides.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
PE2	Significant ownership (production)	The company owns 10-50 per cent of another company with involvement in the manufacturing of pesticides.	n/a	n/a	n/a	n/a	n/a
PE3	Retail (≥10% total revenues)	The company derives 10 per cent or more of its revenues from the distribution and/or retail sale of pesticides.	n/a	n/a	10-24.9%	25-49.9%	50-100%
PE4	Significant ownership (retail)	The company owns 10-50 per cent of another company with involvement in the distribution and/or retail sale (≥10% total revenues) of pesticide	n/a	n/a	n/a	n/a	n/a
<b>SHALE ENERGY</b>			<b>Proxy: revenues</b> <b>Percentage of revenues data available.</b>				
SE1	Extraction	The company is involved in shale energy exploration and/or production.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
SE2	Significant ownership (extraction)	The company owns 10-50 per cent of another company with involvement in shale energy exploration and/or production.	n/a	n/a	n/a	n/a	n/a
<b>SMALL ARMS</b>			<b>Proxy: revenues</b> <b>Percentage of revenues data available.</b>				
FA1	Civilian customers (Assault weapons)	The company manufactures and sells assault weapons to civilian customers.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
FA2	Significant ownership (Civilian customers –	The company owns 10-50 per cent of another company that manufactures and sells assault weapons to civilian customers.	n/a	n/a	n/a	n/a	n/a

	assault weapons)							
FA3	Military/law enforcement customers	The company manufactures and sells small arms to military/law enforcement.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%	
FA4	Significant ownership (Military/law enforcement customers)	The company owns 10-50 per cent of another company manufactures and sells small arms to military/law enforcement.	n/a	n/a	n/a	n/a	n/a	
FA5	Key components	The company manufactures and sells key components of small arms.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%	
FA6	Significant ownership (Key components)	The company owns 10-50 per cent of another company that manufactures and sells key components of small arms.	n/a	n/a	n/a	n/a	n/a	
FA7	Retail/ Distribution (assault weapons)	The company is involved in the retail and/or distribution of assault weapons.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%	
FA8	Significant ownership (Retail/ Distribution – assault weapons)	The company owns 10-50 per cent of another company that is involved in retail and/or distribution of assault weapons.	n/a	n/a	n/a	n/a	n/a	
FA9	Retail/ distribution (Non-assault weapons)	The company is involved in the retail and/or distribution of small arms (non-assault weapons).	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%	
FA10	Significant ownership (Retail/ Distribution – non-assault weapons)	The company owns 10-50 per cent of another company that is involved in retail and/or distribution of small arms (assault weapons).	n/a	n/a	n/a	n/a	n/a	
FA11	Civilian customers (Non-assault weapons)	The company manufactures and sells small arms (non-assault weapons) to civilian customers.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%	
FA12	Significant ownership (Civilian customers – non-assault weapons)	The company owns 10-50 per cent of another company that manufactures and sells small arms (non-assault weapons) to civilian customers.	n/a	n/a	n/a	n/a	n/a	
<b>THERMAL COAL</b>			<b>Proxy: revenues Percentage of revenues data available. Percentage of production capacity data for TC3 - Power Generation category of involvement also available.</b>					
TC1	Extraction	The company extracts thermal coal.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%	
TC2	Significant ownership (extraction)	The company owns 10-50 per cent of another company with involvement in the extraction of thermal coal.	n/a	n/a	n/a	n/a	n/a	
TC3	Power Generation	The company generates electricity from thermal coal. (additional proxy: generating capacity)	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%	

TC4	Significant ownership (power generation)	The company owns 10-50 per cent of another company with involvement in the generation of electricity from thermal coal.	n/a	n/a	n/a	n/a	n/a
TC5	Supporting Products/ Services	The company provides tailor-made products and services that support thermal coal extraction.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
TC6	Significant ownership (supporting products/ services)	The company owns 10-50 percent of another company with involvement in the provision of tailor-made products and services that support thermal coal extraction.	n/a	n/a	n/a	n/a	n/a
<b>TOBACCO</b>			<b>Proxy: revenues Percentage of revenues data available.</b>				
TP1	Production	The company manufactures tobacco products.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
TP2	Significant ownership (production)	The company owns 10-50 per cent of another company with involvement in manufacturing tobacco products.	n/a	n/a	n/a	n/a	n/a
TP3	Related Products/ Services	The company supplies tobacco-related products/services.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
TP4	Significant ownership (related products/ services)	The company owns 10-50 per cent of another company with involvement in supplying tobacco-related products/services.	n/a	n/a	n/a	n/a	n/a
TP5	Retail	The company derives revenues from the distribution and/or retail sale of tobacco products.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
TP6	Significant ownership (retail)	The company owns 10-50 per cent of another company with involvement in the distribution and/or retail sale of tobacco products.	n/a	n/a	n/a	n/a	n/a
<b>WHALE MEAT</b>			<b>Proxy: revenues Percentage of revenues data available.</b>				
WM1	Whale meat processing	The company processes whale meat.	0-4.9%	5-9.9%	10-24.9%	25-49.9%	50-100%
WM2	Significant ownership (whale meat processing)	The company owns 10-50 per cent of another company with involvement in processing whale meat.	n/a	n/a	n/a	n/a	n/a

## 2.4 LIST OF INDICES USING SUSTAINALYTICS DATA

Mnemo	ISIN	Index
AESGP	NLESG0000014	AEX ESG
ESGBP	BE0004645868	BEL ESG
CSBTP	FRESG0001031	CAC Transition Climat
EAIWP	FRIX00001845	Euronext AI World
BIOCP	FRESG0002583	Euronext Biodiversité Climat Conviction PAB
EZENP	NL0013352560	Euronext CDP Environment Eurozone EW
FRENP	NL0013025471	Euronext CDP Environment France EW
FREEP	NL0013039258	Euronext CDP Environment France Ex Oil & Gas EW

TESGP	FR0014004PQ0	Euronext CDP Environment Transatlantic EW
WLENP	NL0013352602	Euronext CDP Environment World EW
ENFRP	FRESG0000835	Euronext CDP France Environnement
CPABP	FR0014003PU4	Euronext Core Europe PAB 50
ECWPR	FRIX00002017	Euronext Cybersecurity World
EDEEP	FRESG0003086	Euronext Developed Europe ESG
ENDES	FRESG0003052	Euronext Developed Europe ESG Screened
EDZEP	FRESG0003144	Euronext Developed Eurozone ESG
EDZSP	FRESG0003110	Euronext Developed Eurozone ESG Screened
EDWPE	FRESG0003326	Euronext Developed World ESG
EDWEP	NLESG0000048	Euronext Developed World ESG Screened
EDWSP	FRESG0003292	Euronext Developed World ESG Screened
TERPR	FRESG0002690	Euronext Earth Focus 40
EBSEP	FRESG0000090	Euronext ESG Biodiversity Screened Eurozone 50
EBSTP	FRESG0000405	Euronext ESG Biodiversity Screened Transatlantic 80
EBSWP	FRESG0000066	Euronext ESG Biodiversity Screened World
EBSPW	FRESG0000140	Euronext ESG Biodiversity Screened World USD
ESG50	NL0012481741	Euronext Euro 50 ESG EW
BIOEP	FRESG0000306	Euronext Euro Large Cap Biodiversity Leaders 30
ESBTP	FRESG0001304	Euronext Europe SBT 1.5
ESE4P	NL0012758544	Euronext Eurozone ESG Leaders 40 EW
ESGCP	FR0014004HI4	Euronext Eurozone ESG Leaders Select 40
ESGEP	FR0013477007	Euronext Eurozone ESG Leaders Select 40 EW
ZSBTP	FRESG0001213	Euronext Eurozone SBT 1.5
EPSP	FRCLIM000403	Euronext Eurozone Select PAB 50
EEEPR	NL0015000AA9	Euronext EZ ESGL 40 EW
ESF4P	FR0013317732	Euronext France ESG Leaders 40 EW
ESGFP	FR0013476959	Euronext France ESG Leaders Select 30 EW
FPABP	FR0014003927	Euronext France PAB 50
GHCPR	FRESG0000009	Euronext Global Health Care 50 EW ESG
EGOPR	FRESG0002856	Euronext Global Onshoring ESG Select 100
EHNI	FRESG0002815	Euronext Horizon Energetique et Industriel
ERGSP	NL0012838809	Euronext Reitsmarket Global Sustainable
ENVB	QS0011256235	Euronext Sustainable Benelux 20
ENVEO	QS0011256201	Euronext Sustainable Euro 120
ENVEU	QS0011250873	Euronext Sustainable Europe 120
ENVF	QS0011250907	Euronext Sustainable France 20
ENVUK	QS0011250931	Euronext Sustainable UK 20
ENVU	QS0011256169	Euronext Sustainable US 50
ENVW	QS0011250840	Euronext Sustainable World 120
ETEP	FRESG0003201	Euronext Transatlantic ESG

ESGTP	NL0013908775	Euronext Transatlantic ESG Leaders 60 EW
ETESP	FRESG0003177	Euronext Transatlantic ESG Screened
TPABP	FRCLIM000106	Euronext Transatlantic PAB 50
TP1CP	FRCLIM000551	Euronext Transatlantic PAB 50 10% Cap
EUEPR	NL0015000A61	Euronext US ESG 20 EW
EUEP	FRESG0003268	Euronext USA ESG
EUESP	FRESG0003235	Euronext USA ESG Screened
MESGP	FR0014005WN0	MIB ESG
OEXOP	NO0012513516	OBX ESG ex Oil and Gas PR
OBXEP	NO0012513482	OBX ESG PR
ESF5P	FR0013371416	SBF Top 50 ESG EW

## 3. Carbon4 Finance

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### 3.1 INTRODUCTION

Founded in 2016 as a sister company to the consulting firm Carbone 4, Carbon4 Finance (C4F) offers lenders and investors comprehensive and reliable data solutions to assess climate risks and opportunities. Carbone 4 is a leading consulting firm specializing in energy and climate transition, advising both public and private entities in their shift to a low-carbon economy.

C4F, a fintech company, leverages Carbone 4's expertise to develop tools and solutions that integrate climate data into lenders' decision-making processes. Carbon4 Finance operates independently, both commercially and financially, from the companies it assesses and does not engage in advisory services with them. Additionally, C4F is legally separated from Carbone 4 Group's advisory branch to effectively manage potential conflicts of interest with issuers.

The company's clients include asset managers, asset owners, banks, and index providers who seek to report their climate performance or develop climate investment tools and policies based on customized data solutions.

### 3.2 DATA POINTS PROVIDED

Field Name	Description
<b>Biodiversity Score</b>	Static & Dynamic impact on Biodiversity
<b>CIA Score</b>	Combined Climate score selection ranking
<b>Carbon Finance Score</b>	Finance score 1-15
<b>Carbon Screening</b>	>379 grams CO <sup>2</sup> per kwh produced
<b>Carbon Screening</b>	Forward looking score 1-15
<b>GHG intensity</b>	Carbon footprint of the company, in tCO <sub>2</sub> e per EURm of enterprise value
<b>Induced emissions revenues</b>	Carbon intensity of the company, in tCO <sub>2</sub> e per EURm of turnover

### 3.3 DATA POINT LEGEND

#### Overall Rating

This rating measures a company's contribution to the transition towards a low-carbon economy, serving as a proxy for exposure to transition risks. It provides a comprehensive assessment of a company's carbon performance and its exposure to transition risks. The rating criteria are specific to each sector and sub-sector and are provided for each company.

More information available at:

<http://www.carbon4finance.com/wp-content/uploads/2021/11/Carbon4-Finance-CIA-methodological-guide.pdf>

#### Forward looking score

Rating of the company's strategy to address climate risks and opportunities, ranging from best to worst (1 to 5).

### **GHG intensity (tCO<sub>2</sub>e/EURm EV)**

This metric represents the company's carbon footprint, measured in tCO<sub>2</sub>e per EURm of enterprise value (or total assets if enterprise value is unavailable). It covers all scopes (1, 2, and 3).

#### *Analysis type*

This classification, applicable only to CIA analysis, indicates whether a bottom-up or top-down approach is used.

### **Carbone4 Finance Biodiversity score**

The Mean Species Abundance (MSA) is used to quantify impacts on biodiversity, expressed as a percentage. CIA provides companies' GHG emissions across all scopes (including upstream and downstream Scope 3 emissions) based on a comprehensive bottom-up analysis. The overall CIA rating is the average of each activity's sectoral rating, weighted by their respective revenue shares. Scope 3 emissions are significant for most business sectors.

Scope 1&2 reports emissions from direct energy consumption. If no scope is disclosed by the company, they are estimated using an emission factor.

Scope 1: Direct impacts occurring within the company's control.

Scope 2: Impacts from the generation of non-fuel energy consumed by the company. If no scope is disclosed, emissions are estimated using an emission factor.

Scope 3: Impact that are consequences of a company's activities, but that occur from activities that are not within the company operational control

GBS distinguishes static from dynamic impacts. Static impacts represent the stock of past impacts accumulated up to the beginning of the assessment. Dynamic impact refers to biodiversity gains and losses occurring during the assessment year

Static vs. Dynamic Impacts:

Static Impacts: The stock of past impacts accumulated up to the beginning of the assessment.

Dynamic Impacts: Biodiversity gains and losses occurring during the assessment year.

### **Carbon Impact Ratio (CIR)**

This ratio of emission savings to induced emissions assesses a company's relevance in mitigating climate change. A higher CIR indicates greater relevance to the transition to a low-carbon economy. The overall rating, ranging from A+ to E-, is the average of sectoral ratings for each of a company's activities, weighted by revenue share. Carbon Impact Analytics uses a bottom-up analysis of each asset and consolidates the results at the portfolio level. Additional sector-specific indicators include proven reserves and the downstream carbon intensity of sold products for oil and gas companies.

### **Induced emissions – Scope 1+2+3 (tCO<sub>2</sub>e)**

These are emissions induced by the company's activities, including direct (Scope 1 & 2) and indirect (Scope 3) emissions, expressed in tCO<sub>2</sub>e.

### **Green Share**

Share of revenues stemming from renewables, low-carbon transportation (EVs, train, boat and biofuels)

### **Fossil flag**

Implies that the company is involved in fossil activities (oil & gas value chain, power production from fossil sources, coal mining)

### 3.4 LIST OF INDICES USING CARBON4 FINANCE DATA

<b>Mnemo</b>	<b>ISIN</b>	<b>Index</b>
<b>ECO5P</b>	NL0013025554	Euronext Climate Objective 50 Euro EW
<b>ECOEW</b>	NL0012328819	Euronext Climate Objective 50 EW
<b>ECOP</b>	NL0011923057	Euronext Climate Orientation Priority 50 EW
<b>ENCLE</b>	NL0011923024	Euronext Climate Europe
<b>TERPR</b>	FRESG0002690	Euronext Earth Focus 40
<b>BIOEP</b>	FRESG0000306	Euronext Euro Large Cap Biodiversity Leaders 30

## 4. CDP

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### 4.1 INTRODUCTION

CDP is an international non-profit that drives companies and governments to reduce their greenhouse gas emissions, safeguard water resources and protect forests. Voted number one climate research provider by investors and working with more than 590 investors with over \$142 trillion in assets, CDP leverages investor and buyer power to motivate companies to disclose and manage their environmental impacts. Over 23,000 organizations around the world disclosed data through CDP in 2021, including more than 13,000 companies, and over 1,100 cities, states and regions. Fully TCFD aligned, CDP holds the largest environmental database in the world, and CDP scores are widely used to drive investment and procurement decisions towards a zero carbon, sustainable and resilient economy. CDP is a founding member of the Science Based Targets initiative

### 4.2 DATA POINTS PROVIDED

Field Name	Description
<b>CDP combined Environmental score selection ranking</b>	Environmental Score A-F (Forest, Water & Climate)
<b>Net Zero Alignment (former Temperature Rating)</b>	SBTi Scope 1+2 Approved
<b>Temperature Assessment</b>	SBTi Scope 3 target
<b>ICB structure sector exclusion</b>	Involvement in Non-renewable Energy

### 4.3 DATA POINT LEGEND

#### CDP score

CDP Scores measure the comprehensiveness of disclosure, awareness and management of environmental risks and best practices associated with environmental leadership, such as setting ambitious and meaningful targets. CDP takes companies on a journey through disclosure to awareness, management, and finally to leadership scored from -D to A.

#### Temperature Assessment

This assessment evaluates a firm's alignment with global warming pathways based on its current emission reduction targets. For example:

- Scope 1+2: Company A's operational emissions are aligned with a 2.5°C long-term global warming pathway.
- Scope 3: Company A's value chain emissions are aligned with a 2.8°C long-term global warming pathway.

#### Net Zero Alignment rating

Expressed in °C, this metric compares the ambition of different companies' decarbonization goals as stated in their public GHG emissions reduction targets. Temperature scores are calculated at Scope 1+2, Scope 3, and Scope 1+2+3 levels using two methodologies: the CDP WWF Temperature Ratings methodology (an Absolute Contraction Approach based on a Warming Function) and the Sectoral

Decarbonization Approach (SDA), which is a convergence approach relying on single scenario assessment. The SDA incentivizes both efficiency improvements and the expansion of low-emission products or technologies.

The CDP-WWF Temperature Scoring Methodology is an open-source, transparent approach that translates complex targets into temperature scores, measuring alignment with a 1.5°C warming limit and setting Scope 3 targets accordingly. It captures the relationship between GHG emissions trajectories and expected global warming, providing a rule-based approach to harmonize the treatment of Scope 1, 2, and 3 corporate emissions reductions over different time horizons (short, medium, and long-term) and to address missing data. The updated methodology incorporates the latest climate science and adds transparency through additional analysis.

### Trend scores

Backward looking assessment of a company's emissions reduction trend over the last 3 to 6 years - depending on data quality/availability for which the output is another temperature score that allows users to compare the ambition-based temperature – forward looking, with that of the company recent emission trajectory. By looking at recent achieved emission reductions, a temperature score is derived by using the same benchmark as for a comparable short term target. The trend score is only provided at the Scope 1+2 level.

### CDP Climate score

This score assesses a company's progress towards environmental stewardship. It evaluates the level of detail and comprehensiveness of the company's disclosures, as well as its awareness of climate change issues, management methods, and actions taken to address climate change.

Euronext calculates an Environmental score based on the average rating of a company across the three different themes: forests, water and climate. If a Company has not been asked to participate in a certain theme, the average will be determined based on the remaining themes.

### CDP Water Score

The CDP Water Score summarizes a company's progress towards water stewardship. It assesses the level of detail and comprehensiveness in the company's response, as well as its awareness of water issues, management methods, and progress towards water stewardship.

A numerical score is used to rank companies depending on their Water score (from A to F). CDP scores give an alphabetical score that is converted to a numerical score based on CDP equivalence table which can be found below. Companies who are requested to disclose their data and fail to do so, or fail to provide sufficient information to CDP to be evaluated will receive an F. Companies that are willing to disclose their data, but refuse to pay for the administrative fee levied by CDP will receive an F. An F does not indicate a failure in environmental stewardship.

CDP Score Alphabetical	Numerical Score
A	8
A-	7
B	6
B-	5
C	4
C-	3
D	2

D-	1
Late response	0.5
F*	0

### CDP Forest score

The CDP Forest score evaluates a company's progress in eliminating commodity-driven deforestation and forest degradation from its direct operations and supply chains. Companies receive a final letter score for each commodity they report on.

### CDP Score Disclaimer

The CDP score is based solely on the activities and positions disclosed in the CDP response. It does not account for actions not mentioned in the response, which may have positive or negative impacts on environmental management. Users should consider this when interpreting the score.

#### 4.4 LIST OF INDICES USING CDP DATA

Mnemo	ISIN	Index
CSBTP	FRESG0001031	CAC Transition Climat
LC100	QS0011131735	Low Carbon 100 Europe PAB
EZENP	NL0013352560	Euronext CDP Environment Eurozone EW
FRENP	NL0013025471	Euronext CDP Environment France EW
EZWTP	NL00150005G1	Euronext CDP Water Eurozone EW
FREEP	NL0013039258	Euronext CDP Environment France Ex Oil & Gas EW
EESGP	NL0013941024	Euronext CDP Environment ESG Eurozone EW
TESGP	FR0014004PQ0	Euronext CDP Environment Transatlantic EW
WLENP	NL0013352602	Euronext CDP Environment World EW
ECO5P	NL0013025554	Euronext Climate Objective 50 Euro EW
ENFRP	FRESG0000835	Euronext CDP France Environnement
ECOEW	NL0012328819	Euronext Climate Objective 50 EW
ECOP	NL0011923057	Euronext Climate Orientation Priority 50 EW
ENCLE	NL0011923024	Euronext Climate Europe
LC1EP	FR0013522554	Euronext Low Carbon 100 Eurozone PAB
FESGP	FR0013448131	Euronext CDP Environment ESG France EW
ESBTP	FRESG0001304	Euronext Europe SBT 1.5
ZSBTP	FRESG0001213	Euronext Eurozone SBT 1.5
WESGP	NL0013940984	Euronext CDP Environment ESG World EW
LC3WP	FR0013522588	Euronext Low Carbon 300 World PAB

## 5. Iceberg Data Lab

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### 5.1 INTRODUCTION

Iceberg Data Lab is a Fintech specialised in ESG Data Solutions for Financial Institutions headquartered in Paris, France.

Iceberg Data Lab developed the Corporate Biodiversity Footprint (CBF) to model the corporates' impact on biodiversity. It enlarged the scope of its environmental data solutions in July 2020 through the asset contribution of I Care data branch.

Founded by experienced professionals in Environmental Science, Data Analytics and Finance, Iceberg Data Lab data are used by leading international financial institutions to report and manage their impact on Climate, Biodiversity and the Environment.

### 5.2 DATA POINTS PROVIDED

Field Name	Description
<b>Plastics, Pesticides and Palm Oil</b>	Plastics or Pesticides revenue and/or non -RSPO Palm Oil revenue from production or consumption
<b>Biodiversity Score</b>	Biodiversity score range from 0 to 6
<b>High Dependency</b>	Flagged as high dependency issuers
<b>Positive Impact score</b>	Expressed in km <sup>2</sup> .MSA

### 5.2 DATA POINT LEGEND

#### Plastics, Pesticides and Palm Oil

This metric identifies companies whose revenue is derived from the manufacturing of Plastics or Pesticides, as well as those with earnings from the production or consumption of non-RSPO Palm Oil. A positive value indicates that the company is exposed to at least one of these three products.

#### Biodiversity scores

Scores of 5 or 6 means that the issuer is among the worst CBF performers (best in class ranking / scores go from 1 to 6), depending on IDL sector Nomenclature derived from Euronext Nomenclature. No score available occurs when the ISIN provided by Euronext cannot be matched with the IDL single issuer identity code (Uid)

#### Flagged as high dependency issuers

The Dependency at Risk is the percentage of revenues that is highly dependent on at least one ecosystem service. A positive value indicates the issuer is highly dependent (>90%) on at least one ecosystem service.

#### Positive impact score

The contribution to Positive Impact is defined through 3 categories: 'Reduced Impact', 'Avoided Impact' and 'Compensated Impact'. Each of the impact score will be expressed in km<sup>2</sup>.MSA

- Reduced impact is defined as the reduction of impact on biodiversity of a company or financial institution's over time. The reduction is the difference of emission between two years for which analysis have been completed on available data
- Avoided Impact is defined on the impact on biodiversity that a company or financial institution will have avoided over time compared to a baseline scenario established for the biodiversity and for each main sector and would be based on the one developed for the SB2A metric

- The compensated impact cover efforts of positive land transformation, whether it is within a corporate's own operation or through offset projects

#### 5.4 LIST OF INDICES USING IDB DATA

Mnemo	ISIN	Index
EBSEP	FRESG0000090	Euronext ESG Biodiversity Screened Eurozone 50
EBSTP	FRESG0000405	Euronext ESG Biodiversity Screened Transatlantic 80
EBSWP	FRESG0000066	Euronext ESG Biodiversity Screened World
EBSPW	FRESG0000140	Euronext ESG Biodiversity Screened World USD
EBLPP	FRESG0000371	Euronext ESG Eurozone Biodiversity Leaders PAB
BISWP	FRESG0001445	Euronext Biodiversity Screened World
EBEWP	FRESG0001411	Euronext Biodiversity Enablers World

## 6. Equileap

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### 6.1 INTRODUCTION

Equileap is the leading provider of gender equality research and data. Equileap research, evaluate and rank around 4000 public companies listed on the main global and regional equity benchmarks. Equileap's proprietary research methodology (the "Equileap Scorecard").consists of a company-specific framework that assesses a company's commitment to gender equality from its boardroom to its supply chain, and is inspired by the UN Women's Empowerment Principles.

Equileap's mission is to close the equality gap in the workplace. Equileap believes equal opportunities at work for people of all genders are powerful levers to grow global prosperity and sustainable development.

Equileap's research and data is leveraged by institutional investors in a broad range of activities to support better informed decision making. These use cases vary from the construction of gender-focused products, to corporate engagement, to stewardship/engagement, to ESG integration.

### 6.2 DATA POINTS PROVIDED

Field Name	Description
<b>Global score</b>	companies graded based on gender equality performance across criteria like leadership, pay, and policies.
<b>Equileap Alarm Bell</b>	Companies assigned an Alarm Bell by Equileap

### 6.3 DATA POINT LEGEND

#### Equileap Scorecard

The Equileap Scorecard was the result of extensive deliberation and engagement of an Expert Review Committee, which included practitioners and policy experts in the fields of women's rights, academia, sustainable investment, and business. The result was the identification of 19 Criteria, divided into 4 Categories, which were considered critical in assessing company performance in gender equality.

The four categories are:

- A. Gender Balance in leadership and Workforce
- B. Equal Compensation & Work-Life Balance
- C. Policies Promoting Gender Equality
- D. Commitment, Transparency & Accountability

#### Criteria assessment

All companies are assessed and evaluated using the same scoring methodology. The Equileap Scorecard is sector and country agnostic allowing comparisons across countries and regions. Data points are assigned zero points when the evidence found does not fulfil the relevant criterion or when no data/evidence is found. give Zero points is given to companies that do not disclose gender metrics.

Research process:

Several steps are involved in Equileap's evaluation of each company:

- 1) The most recent publicly available evidence for each criterion is gathered. All evidence must be published by the company itself within the past two years
- 2) Equileap sends all companies a request for feedback on the evaluation to ensure the data is up-to-date, complete, and accurately interpreted.

#### *Controversies*

Gender discrimination and gender-based violence in the workplace are endemic. Only a small proportion of cases are reported and an even smaller proportion of those result in any action being taken. Equileap monitors class actions, individual cases and official rulings dealing with sexual harassment, gender discrimination in the company, and gender discrimination in its marketing and advertising. Equileap assigns an **Alarm Bell** to a company when, within the past 2 years (24 months), it has had: A legal judgement or an official ruling regarding gender discrimination or sexual harassment against the company or an employee, or Two or more legal cases, or one class action, that have been settled against a company or an employee regarding gender discrimination or sexual harassment, or Two or more legal judgements or official rulings regarding gender discriminatory practices in a company's marketing and advertising. Information on controversies is gathered by following news and litigation databases on a weekly basis. Controversies are then assessed and the data is updated quarterly.

#### **6.4 LIST OF INDICES USING EQUILEAP DATA**

<b>Mnemo</b>	<b>ISIN</b>	<b>Name</b>
EQGEP	FRESG0000991	Euronext Equileap Gender Equality Eurozone 100
EQGFP	FRESG0000900	Euronext Equileap Gender Equality France 40

## 7. Humpact

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### 7.1 INTRODUCTION

HUMPACT is an extra-financial rating agency focusing on the S of ESG. Founded in 2020 by André Coisne and Hugues Franc, Humpact's ambition is to have a positive impact on social issues in France and Europe by helping asset managers to assess the HR policies of listed companies and measure the contribution of their portfolios to societal issues.

Our methodology is to identify "S" issues where listed companies' contribution can be substantial and gather public and audited - quantitative and qualitative - data to assess the impact of each company on the issue. We provide scores and measure the impact of any portfolio on an annual basis.

### 7.2 DATA POINTS PROVIDED

Field Name	Description
Humpact Score	Companies assigned a Humpact Score are eligible

### 7.3 DATA POINT LEGEND

#### Humpact Score

Humpact analyse the impact of companies on employment in France and analyses companies social policies. The Humpact score is based on the approach Best-in-Universe: all the companies are independently compared. 70 indicators have been created, grouped and categorized through the principal axes of Humpact and guarantee a representative picture of the impact on employment and their quality. A score between 0 and 100 is given to companies (converted to a 5 star-rating with the best social policies to promote employment including:

- Job creation in France: Organic jobs creation in France (relative and absolute)
- Integration of young people
- Retention of older people
- Integration of people with disabilities
- Gender equality promotion
- Job's quality
- Value sharing
- SDG's commitment
- Diversity
- Local & inclusive sourcing

### 7.4 LIST OF INDICES USING HUMPACT DATA

Mnemo	ISIN	Name
FREMP	FRESG0000454	Euronext French Employment 40 EW

## 8. ISS-ESG

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### 8.1 INTRODUCTION

ISS ESG is the responsible investment arm of Institutional Shareholder Services Inc., the world's leading provider of environmental, social, and governance solutions for asset owners, asset managers, hedge funds, and asset servicing providers. With more than 30 years of corporate governance expertise and 25 years of providing in-depth responsible investment research and analytics, ISS ESG has the unique understanding of the requirements of institutional investors. With its comprehensive offering of solutions, ISS ESG enables investors to develop and integrate responsible investing policies and practices, engage on responsible investment issues, and monitor portfolio company practices through screening solutions.

It also provides climate data, analytics, and advisory services to help financial market participants understand, measure, and act on climate-related risks across all asset classes. In addition, ISS ESG delivers corporate and country ESG research and ratings enabling its clients to identify material social and environmental risks and opportunities. Along with these robust ESG offerings, the unit provides institutions with an established standard in measuring, analyzing, projecting, valuing, and discounting a firm's underlying economic profit.

More information available at:

<https://www.issgovernance.com/compliance/du-diligence-materials/>

### 8.2 DATA POINTS PROVIDED

Field Name	Description
<b>International Standards</b>	Breaches of International Standards
<b>UNGC Critical Controversies</b>	Active critical Controversy related to UNGC
<b>UN Global Compact</b>	UNGC level of compliance
<b>Mirova/ISS-Oekom sustainability opinion</b>	Mirova/ISS-Oekom sustainability opinion sustainability score
<b>ISS-ESG Trust Metric</b>	Trust metric <0.6
<b>Current Carbon Budget screening</b>	Companies exceeding their Carbon Budget according to ISS-ESG for the current year
<b>N+5 Forward looking Carbon Budget screening</b>	Companies exceeding their N+5 Forward Looking Carbon Budget
<b>Controversial weapons</b>	Biological Weapons Involvement
	Chemical Weapons Involvement
	Nuclear Weapons Involvement
	Nuclear Weapons outside NPT Involvement
	Cluster Munitions Involvement
	Depleted Uranium Involvement
	Anti-personnel Mines Involvement
	Controversial Weapons Tailor-made and essential-Category of Involvement Id

	Controversial Weapons Non tailor-made or non-essential-Category of Involvement Id
<b>Small Arms</b>	Small Arms Civilian customers (Assault weapons)-Level of Involvement Id
	Small Arms Civilian customers (Non-assault weapons)-Level of Involvement Id
<b>Coal and Power</b>	Coal Mining and power generation revenue share
<b>Thermal Coal Mining</b>	Thermal Coal Mining Involvement (revenue >0%)
<b>Thermal Coal Power Generation</b>	Thermal Coal Power Generation involvement(Maximum % of revenues >10%)
<b>Thermal Coal</b>	Thermal power generation revenue share
<b>Thermal Coal</b>	Thermal Coal Extraction Involvement Id
<b>Fossil Fuel</b>	Fossil fuel Revenue share
<b>Fossil Fuel</b>	Fossil fuel Revenue share
<b>Sands or Oil Shale extraction</b>	Sands or Oil shale extraction involvement (Max % of revenues >0%)
	Shale Oil and/or Gas involvement Tie equal to "Production"
	or "Not Collected"
<b>Shale Energy</b>	Shale Energy Extraction Involvement Id
<b>Oil Sands</b>	Oil Sands Extraction-Revenue Involvement Id
<b>Oil Sands</b>	Oil sands production revenue share
<b>Gas and Oil Shale</b>	Oil Shale and gas Involvement type
<b>Arctic Oil &amp; Gas</b>	Arctic Oil & Gas Exploration Extraction-Level of Involvement Id
<b>Arctic Drilling</b>	Arctic Drilling
<b>Deep Water Drilling</b>	Deep Water Drilling
<b>Tobacco</b>	Tobacco production revenue share (Maximum Percentage of Revenues > 10%) not eligible
	Tobacco Products Production Involvement Id
	Tobacco Products Related Products/Services-Level of Involvement Id
	Tobacco Products Retail-Level of Involvement Id
<b>Carbon Budget</b>	Carbon Budget
<b>Water &amp; Ocean Performance Score</b>	Water & Ocean Performance Score
<b>SDG Impact</b>	Climate action rating
	Life on land rating

	Life below water rating
	Responsible consumption and production rating
<b>Biodiversity Impact Assessment Tool</b>	Assess and quantify the potential impact on company on biodiversity
<b>Sector Based Screening</b>	
<b>SFDR</b>	
<b>NBR</b>	Norm Based research – assesses individual controversies, categorized to key themes
<b>Energy</b>	
<b>SDG Impact rating</b>	SDG Impact rating (percentage value)
<b>Climate Core</b>	<p>GHG Emissions - Emissions Intensity – Scope 1 &amp; 2 Emissions: This factor identifies the issuer's Scope 2 Energy Indirect carbon emissions intensity. Carbon intensity is expressed as the issuer's total carbon emissions per million EUR of revenue as a proxy of the carbon efficiency per unit of output.</p> <p>Direct Emissions: This factor provides the issuer's Scope 1 Direct emissions (tCO<sub>2</sub>e). The Direct emissions data represents the final, ISS ESG reviewed and approved value based on the ISS ESG methodology, which selects the most accurate value from available sources.</p>
<b>ESG Corporate Rating</b>	T/F - Scores from 1 to 4
<b>Net Zero</b>	This factor identifies issuers involved in coal mining, oil and gas extraction expansion operation, fossil fuel infrastructure expansion and the percentage of revenue for the company involvement in the pre-production stages of the extraction of the extraction of fossil fuels for the most recent fiscal year
<b>EU Taxonomy</b>	<p>Revenue per alignment category and per taxonomy activity</p> <p>Alignment results for each activity which the company is involved in (substantial contribution, DNSH, overall)</p> <p>Minimum social safeguards alignment</p>
<b>Climate Scenario Alignment</b>	This factor provides the Implied Temperature Rise which quantifies the under/overshoot of the issuer to a global warming impact under the IEA scenario model using a Issuer's Target projected emissions approach at a target year
<b>Climate Transition Risk</b>	Transition Risk – Brown/Green Revenue Percent:
<b>Carbon Risk Rating</b>	Carbon Risk Rating: This factor provides a numeric score from 0 to 100 for the rated entity's overall carbon risk.

## 8.3 DATA POINT LEGEND

### Countries

Assumptions regarding the alignment with the relevant taxonomy criteria based on the location where the activities are carried out. ISS ESG created factors to identify companies with significant operations in relevant countries. The factor specifies which country are deemed relevant under the respective factor.

### ESG Corporate rating

ESG Corporate rating provides relevant forward-looking ESG data and performance assessments. The rating range is from 4.00 to 1.00. The EU taxonomy alignment solutions make a range of ESG corporate rating indicators which are individually based and assessed on performance expectations. The scores reflect company performance against predefined standards against specific topics. The ISS ESG Corporate Rating integrates an industry- and company-specific approach to assessing material ESG risks and opportunities. For each industry, four to five Key Issues, representing more than 50% of the overall weight in any rating, are identified. On average the Environmental and Social pillars each weigh more than 20% of most ESG corporate ratings.

### Industry

Industry classification may add value for the activity identification step of the EU Taxonomy Alignment solution. Using the NAICE/NACE, ISS identifies companies involved in taxonomy activities. The factor describes which industry classification has been used using a T/F rating

### Norm-Based research

NBR identifies the corporate controversies and assess how companies manage them. The EU taxonomy alignment solutions uses NBR data to identify companies which fail to ensure environmental protection, an causing harm to any of the six taxonomy objectives or the one that don't operate in line with the minimum social safeguards as defined under the EU Taxonomy.

### SDG Solutions Assessment

The SDGA measures the positive and adverse sustainability impacts of companies product and services portfolios. SDGA factors provide information on the types of products or services which were assessed to contribute in the achievement of sustainability objectives including the share of net sales attributable to those products or services. 2 types of SDGA factors are used:

- Product strings: specific keywords that identifies companies which engage in the production and sale of specific products or which offer specific services
- Share of net sales: shares of net sales assessed in specific categories. The assessment checks if the company derives or not net sales from product/services contributing or not to the achievement of sustainability objectives

### Sector Based screening

The screening provides detailed company involvement in a range of controversial products and services. When applicable to the EU taxonomy Alignment solutions, ISS ESG uses SBS data to identify companies involved in taxonomy activities

### Mirova/ISS-Oekom Score

The Mirova/ISS-Oekom Sustainability score is based on the qualitative assessment and risk review score. The risk review score combines the Social and Environmental Risk Review that looks at the company's performance at its operations regarding management of risks. The qualitative assessment looks if the product portfolio actually contribute or obstruct sustainable development. The score ranges from 0 to 10, indicating the level of commitment to sustainable development.

## **SDS Carbon Budget PCT**

This factor identifies the issuer's percentage of assigned budget used based on the IEA Sustainable Development Scenario. The Sustainable Development Scenario (SDS) pathway is fully aligned with the Paris Agreement by holding the rise in global temperatures to “well below 2°C ... and pursuing efforts to limit [it] to 1.5°C”, and meets Sustainable Development Goals (SDGs) objectives related to achieve universal access to energy (SDG 7), to reduce the severe health impacts of air pollution (part of SDG 3) and to tackle climate change (SDG 13).

## **Water and Ocean Performance score**

Each company is evaluated with a Water & Ocean performance score, which assesses its contribution to the achievement of SDG 6 (Water and Sanitation), as well as its impact on the conservation of water resources and the preservation of oceans (SDG 14 Life below water). The scoring methodology includes a risk and opportunity approach. The Water & Ocean score is computed as a weighted average of three sub-scores.

## **Energy & Extractives**

Energy & Extractives (E&E) data provides detailed analyses on companies' involvement in fossil fuels and in the generation of power from fossil fuel, nuclear and renewable sources. Within the EU Taxonomy Alignment Solution, E&E data is used in the following ways: 1. To identify whether companies are involved in the fossil fuel industry or in power generation. This informs the decisions on whether companies should be set as involved in certain taxonomy activities, or whether they pass DNSH criteria. The factor value will be “T” if the company has been identified as involved in relevant operations and “F” if this is not the case. 2. To quantify the share of revenue derived from certain taxonomy-relevant activities. The factor value shows the share of revenue attributed to the relevant operations.

## **Trust Metric**

The factor identifies an assessed reliability of issuer-reported emission data through a numeric value. The reported emission trust metric evaluates how consistent companies are reporting and considers if the data has been externally verified, the extent of disparity between data reported to different sources and the consistency of the issuer's reporting over time.

## **Biodiversity Impact Assessment Tool**

BIAT models the impact of corporates through environmental pressures on species and habitats, considering inputs and outputs in the entire value chain based on company's activities and geographic location. BIAT is built on robust and scientifically proven Life Cycle Impact Assessment (LCIA) methodology (IMPACT World+), incorporating recognized databases such as EXIOBASE, coinvent, and company-specific revenue data, as well as drawing on ISS ESG's proprietary biodiversity performance data. The model was developed in collaboration between ISS ESG and Quantis, a renowned environmental consultancy company with major expertise in biodiversity and LCA.

### *Decile Rank*

The Decile Rank complements the BIAT outputs by providing insight into how companies perform compared to their peers. It indicates in which decile (tenth part of total) the company ranks within its industry from 1 (low relative impact – company is in the first decile within its industry) to 10 (high relative impact – company is in the tenth decile within its industry). The Decile Rank is determined based on the BIAT – PDF Refined per million Euro of revenues. To capture and properly reflect peer comparisons based on a company's ESG risk profile, ISS ESG proprietary ESG Rating Industry classification is applied, which currently comprises 73 industries. If the total number of companies within an industry cannot be evenly divided by 10, the surplus companies are distributed from the top (1 decile) to the bottom.

## **Sustainable Development Scenario (SDS)**

The Sustainable Development Scenario pathway is fully aligned with the Paris Agreement by holding the rise in global temperatures to “well below 2°C ... and pursuing efforts to limit [it] to 1.5°C”, and meets Sustainable Development Goals (SDGs) objectives related to achieve universal access to energy (SDG 7), to reduce the severe health impacts of air pollution (part of SDG 3) and to tackle climate change (SDG 13)

### Scenario Alignment Approach

The ISS-ESG scenario analysis combines the IEA scenarios with the SDA approach by allocating a carbon budget to a company based on its market share and the expected emissions trajectory associated with that sector.

For most sectors this analysis is based on direct and indirect emission intensity per revenue. For certain sectors such as utilities and fossil fuel producers, sector specific approaches are implemented looking at company outputs, tCO<sub>2</sub>e/GWh and units of energy produced.

- I. Emission Intensity Based Approach (Scope 1 &2) – Revenue-based intensity metric. Compare the revenue intensity of a company to the revenue intensity in each climate scenario.
- II. Generation Based Approach (Scope 1) – For Utility companies the analysis is based on carbon intensity per generated output, tCO<sub>2</sub>e /GWh, in relation to the total world output.
- III. Combustion Based Approach (Scope 3) – Analysis based on indirect emissions from the companies’ products e.g., energy companies producing fossil fuels.

### Carbon Risk rating

The score provide a measure of the carbon risk from 1 to 100. For corporate issuers this score is based on an assessment of over 100 industry-specific indicators and a carbon risk classification at the industry and sub-industry levels. For sovereigns the Country Carbon Risk Rating evaluates the effectiveness of a country's government in implementing policies aimed at reducing greenhouse gas emissions by state, corporate, and private actors, and in adapting to a changed climate by reducing its vulnerability to climate risks.

### Climate transition risk

This factor provides the estimated proportion of the issuer's revenue considered to be derived from products or services with significant or limited obstruction to SDG 13 Climate Action.

### Net zero

This factor identifies issuers involved in coal mining expansion operations or plans, oil and gas extraction expansion operation or plans . It also identifies issuers involved in other fossil fuel infrastructure expansion operations or plans. It also measure any fossil fuel related project besides coal mining, coal power and oil and gas extraction including the maximum percentage of revenue for the company’s involvement in the preproduction stages of the extraction of fossil fuels for the most recent fiscal period.

### Climate core

GHG Emissions - Emissions Intensity – Scope 1 & 2 Emissions: This factor identifies the issuer's Scope 2 Energy Indirect carbon emissions intensity. Carbon intensity is expressed as the issuer's total carbon emissions per million EUR of revenue as a proxy of the carbon efficiency per unit of output. Direct Emissions: This factor provides the issuer's Scope 1 Direct emissions (tCO<sub>2</sub>e). The Direct emissions data represents the final, ISS ESG reviewed and approved value based on the ISS ESG methodology, which selects the most accurate value from available sources.

### ISS ESG Sustainable Development Goals (SDG) Solutions Assessment

SDGA analyzes the positive or negative impact a company’s product and service portfolio has towards 15 sustainability objectives (derived from the UN Sustainable Development Goals), which overlaps with

objectives defined under the EU Taxonomy. In many instances, activities that are eligible under the EU Taxonomy as well as respective substantial contribution requirements are captured through the SDGA.

Step 1: Identifying Eligible Activity

Step 2: Calculating Revenue Share

Step 3: Assessing alignment with screening criteria for substantial contribution

#### **8.4 LIST OF INDICES CURRENTLY USING ISS-ESG DATA**

Mnemo	ISIN	Index
BIOCP	FRESG0002583	Euronext Biodiversité Climat Conviction PAB
LC100	QS0011131735	Low Carbon 100 Europe PAB
EZWTP	NL00150005G1	Euronext CDP Water Eurozone EW
EESGP	NL0013941024	Euronext CDP Environment ESG Eurozone EW
WATPR	NL0013908825	Euronext Water and Ocean Europe 40 EW
ERI5P	NL0013217730	Euronext Responsible Investment Euro 50 EW
CEE1P	NL0013110224	Euronext Core Europe 100 ESG EW
CEE3P	NL0013026917	Euronext Core Europe 30 ESG EW
BESGP	NL0013025695	Euronext BeNeLux ESG Leaders 20
ESG1P	NL0013025596	Euronext Eurozone 100 ESG
ENFRP	FRESG0000835	Euronext CDP France Environnement
ES1EP	NL0012758627	Euronext Europe Sustainable 100 EW
CLE5P	NL0012758585	Euronext Eurozone Energy Transition Leaders 50 EW
EZCLA	FR0014005IK5	Euronext Eurozone Screened Climate Ambition 35 EW
FRSOP	FR0014005D77	Euronext France Social
CLAMP	FR0014004XR2	Euronext Eurozone Screened Climate Ambition 40 EW
EZSFP	FR0014004FP3	Euronext Eurozone Social Focus
EPABP	FR0014003PR0	Euronext Eurozone PAB 50
GOVEP	FR0014003PO7	Euronext Eurozone Diversity & Governance 40 EW
CESGP	FR0014002B31	CAC 40 ESG
LC1EP	FR0013522554	Euronext Low Carbon 100 Eurozone PAB
GRF5P	FR0013479763	Euronext Green Planet France
ENESG	FR0013468832	Euronext Eurozone ESG Large 80
GRE5P	FR0013457850	Euronext Green Planet E
FESGP	FR0013448131	Euronext CDP Environment ESG France EW
C6RIP	FR0013376258	CAC Large 60 RI SW
F4RIP	FR0013376209	Euronext FR 40 Responsible Investment
CLF4P	FR0013317773	Euronext France Energy Transition Leaders 40 EW
CAGOV	FR0013232188	CAC 40 Governance
FCLSP	FRESG0001478	Euronext France Climate Screened
EETPR	FRESG0001163	Euronext Eurozone ESG Transition
EQGEP	FRESG0000991	Euronext Equileap Gender Equality Eurozone 100
EQGFP	FRESG0000900	Euronext Equileap Gender Equality France 40

S2PPR	FRESG0000595	Euronext Switzerland 20 PAB
ES4PP	FRESG0000546	Euronext Eurozone Focus 40 PAB
EZ6PP	FRESG0000496	Euronext Eurozone 60 PAB
EBLPP	FRESG0000371	Euronext ESG Eurozone Biodiversity Leaders PAB
JPCLE	FRESG0000215	Euronext JPN Screened Climate Ambition 30 EW EUR
JPCLA	FRESG0000181	Euronext JPN Screened Climate Ambition 30 EW
EVEWP	NL0015000ED5	Euronext ESG World-Select 75 Bund/SV
ETE5P	NL0015000BX9	Euronext Transatlantic Environment 50
WESGP	NL0013940984	Euronext CDP Environment ESG World EW
EPSP	FRCLIM000403	Euronext Eurozone Select PAB 50
USCLE	FR0014005IJ7	Euronext US Screened Climate Ambition 25 EW EUR
TCAMP	FR0014005GI3	Euronext Transatlantic Sustainability and Climate Screened 60
USCLA	FR0014005GE2	Euronext US Screened Climate Ambition 25 EW
TCEPR	FR0014003BU4	Euronext Transatlantic Circular Economy 50 EW
ECC5P	FR0013533551	Euronext Core Euro & Global Climate Change EW
LC3WP	FR0013522588	Euronext Low Carbon 300 World PAB
GSCSP	FRESG0000876	Euronext Global Sustainability and Climate Screened
WCAMP	FRESG0000348	Euronext World Sustainability and Climate Screened
UC3PE	FRESG0000272	Euronext US Screened Climate Ambition 35 EW EUR
USC3P	FRESG0000249	Euronext US Screened Climate Ambition 35 EW
GSCDP	FRCLIM000189	Euronext Global Sustainability and Climate Screened DR
PABUP	FRCLIM000148	Euronext PAB North America 50
PABTP	FRCLIM000205	Euronext PAB Transatlantic 50
FILVP	FRIX00002728	Euronext Invest In France Low Volatility
WIFRP	FRIX00002777	Euronext World Invest In France 40
INFRP	FRIX00002876	Euronext Invest In France 40
PBTAP	FRCLIM000254	Euronext PAB Transatlantic 60
FRD4P	FRIX00003031	Euronext France Developpement 40
PBT4P	FRCLIM000304	Euronext PAB Transatlantic 40
FRI4P	FRIX00003643	Euronext France Investissement 40
EGSPP	FRCLIM000445	Euronext Green Solutions Paris-Aligned Benchmark EUR
CAPAP	FRCLIM000478	CAC PAB
EESS	NLIX00006030	Euronext European Strategic Sovereignty
ETPCP	FRCLIM000619	Euronext Transatlantic PAB 40 Capped
ESE30	NLIX00007137	Euronext Souverainete Europeenne 30
EGGSP	FRCLIM000668	Euronext Global Green Solutions Paris-Aligned Benchmark EUR

## 9. SESAMm

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### 9.1 INTRODUCTION

SESAMm captures ESG risks and opportunities associated with industry standard frameworks such as SASB, SFDR, and the United Nations' Sustainable Development Goals. Utilizing our advanced Named Entity Recognition framework and context analysis techniques, SESAM identifies and disambiguates companies, their subsidiaries and brands wherever they are mentioned across the web.

### 9.2 DATA POINTS PROVIDED

Field Name	Description
<b>SESAMm AI &amp; Robotics</b>	AI & Robotics index score ranking eligibility
<b>SESAMm France Job Creation</b>	Calculates the number of job creation in France during the last 3 years

### 9.3 DATA POINT LEGEND

#### SESAMm AI and Robotics

SESAMm's NLP technology carries out a granular and transparent analysis of publicly available data. SesaMm screens identifies companies with publicly available information that are implied in the field of artificial intelligence. The indicators are aggregated on a daily basis to create a timeseries that is used to construct the AI score

#### SESAMm France Job Creation

SESAMm France Job Creation Score is a factor that calculates the number of job creation in France during the last 3 years.

### 9.4 LIST OF INDICES USING SESAMN DATA

Mnemo	ISIN	Index
EAIWP	FRIX00001845	Euronext AI World
EGOPR	FRESG0002856	Euronext Global Onshoring ESG Select 100
FILVP	FRIX00002728	Euronext Invest In France Low Volatility
WIFRP	FRIX00002777	Euronext World Invest In France 40
INFRP	FRIX00002876	Euronext Invest In France 40
FRD4P	FRIX00003031	Euronext France Developpement 40
FRI4P	FRIX00003643	Euronext France Investissement 40

## 10. European Space Agency

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### 10.1 INTRODUCTION

The European Space Agency (ESA) is Europe's gateway to space. Its mission is to shape the development of Europe's space capability and ensure that investment in space continues to deliver benefits to the citizens of Europe and the world. ESA is an international organisation with 22 Member States. By coordinating the financial and intellectual resources of its members, it can undertake programmes and activities far beyond the scope of any single European country. ESA dedicates an expert group to analyse, monitor and identify companies involved within the space sector.

### 10.2 DATA POINTS PROVIDED

Field Name	Description
Space sector	Companies where at least 3% of the capital is controlled by employees as determined by European Space Agency

### 10.3 DATA POINT LEGEND

#### Space sector ([EUROPEAN SPACE INDEX - ESA Commercialisation Gateway](#))

The European Space Agency, joined with the European Commission and Promus Ventures identifies a list of European space-based companies currently listed on the stock market. The main objective of The European Space Agency is to primarily address the lack of information on performance tracking of European space companies available for investors and industry stakeholders worldwide. For inclusion, a company must be either listed/originally set up in ESA or European Union member State stock exchange. The categorization in the space sector is split by services provided: Upstream or Downstream.

1. **Upstream:** includes firms that design, manufacture and deploy space systems and their launch vehicles. That includes the design and delivery of hardware and software required in ground stations.
2. **Downstream:** refers to operators that deliver communications, navigation and earth observation data as well as applications and solutions enabled by those signals to end-users and service providers.

For more information, the link to the European Space Agency is available below: [European Space Agency](#)

### 10.4 LIST OF INDICES USING EUROPEAN SPACE AGENCY DATA

Symbol	ISIN	Name
HSPCP	NLIX00000983	Euronext Helios Space
HSPAP	NLIX00000959	Euronext Helios Space All-Share

## 11. FAS

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### 11.1 INTRODUCTION

FAS (Fédération française des associations d'Actionnaires Salariés et anciens salariés - <http://www.fas.asso.fr/index.php>) is a French association responsible for the data generation of the FAS IAS index. The committee defines the rules of the index composition, its evolution and its frequency, in collaboration with Euronext. The FAS IAS Director is in charge of producing or supervising the production of the data. responsible for the calculation of the percentage of capital hold by the employees of each company.

### 11.2 DATA POINTS PROVIDED

Field Name	Description
<b>Percentage of Company capital holding</b>	Companies where at least 3% of the capital is controlled by employees as determined by FAS IAS

### 11.3 DATA POINT LEGEND

Mnemo	ISIN	Name
EIASP	FRIX00002439	Euronext FAS IAS

## 12. Business France

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### 12.1 INTRODUCTION

Business France is a public institution supporting international development of the French Economy. It is responsible for fostering export growth by French businesses as well as promoting and facilitating international investment in France. Business France will collect certain data concerning companies investing in France. The data provided concerns the companies from the mother universe identified by Business France as investing in France.

### 12.2 LIST OF INDICES USING BUSINESS FRANCE DATA

Mnemo	ISIN	Name
EIFRP	FRIX00002629	Euronext Invest In France
FILVP	FRIX00002728	Euronext Invest In France Low Volatility
INFRP	FRIX00002876	Euronext Invest In France 40

## 13. Kepler Unigestion

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### 13.1 INTRODUCTION

Kepler Unigestion provides equity allocations determined by proprietary AI-driven models and extensive equity research.

### 13.2 DATA POINTS PROVIDED

Field Name	Description
Weight	Weight based on AI Algorithms

### 13.3 DATA POINT LEGEND

#### Kepler Unigestion's Weight Datapoint

The weight represents the allocation of each stock within the portfolio, determined by an AI-driven algorithm that selects top-performing stocks for both long and short positions. This allocation is based on predicted future returns generated by multiple machine learning models, such as Random Forest, XGBoost, and Neural Networks, that analyse stock-specific and macroeconomic data. The weight indicates how much capital is assigned to each stock to achieve this optimised, factor-agnostic "AI Alpha" strategy.

### 13.4 LIST OF INDICES USING KEPLER' DATA

Mnemo	ISIN	Name
EGELS	NLIX00008044	Euronext Kepler Unigestion Global Equities Long-Short
EGEL	NLIX00007988	Euronext Kepler Unigestion Global Equities Long
EGELG	NLIX00007996	Euronext Kepler Unigestion Global Equities Long GR
EGELN	NLIX00008002	Euronext Kepler Unigestion Global Equities Long NR
EGES	NLIX00008010	Euronext Kepler Unigestion Global Equities Short
EGESG	NLIX00008028	Euronext Kepler Unigestion Global Equities Short GR
EGESN	NLIX00008036	Euronext Kepler Unigestion Global Equities Short NR

## 14. Dorval

### 14.1 INTRODUCTION

Dorval Asset Management provides conviction-driven investment insights and equity allocations based on a proprietary investment process that combines macroeconomic analysis, company fundamentals, valuation metrics, market momentum, and ESG considerations.

### 14.2 DATA POINTS PROVIDED

Field Name	Description
<b>Dorval Green Finance Exposure - Eurozone</b>	Green finance exposure score for the Eurozone universe.
<b>Dorval Green Finance Exposure - Global</b>	Green finance exposure score for the global universe.
<b>Dorval Green Finance Theme - Eurozone</b>	Primary green finance theme for the Eurozone universe.
<b>Dorval Green Finance Theme - Global</b>	Primary green finance theme for the global universe.

### 14.3 DATA POINT LEGEND

#### Dorval Green Finance Exposure Datapoints

The Green Finance Exposure datapoints measure the extent to which a company's activities are aligned with the transition to a more sustainable and low-carbon economy. The scores are derived from Dorval's proprietary methodology, which assesses company revenues, business activities, and strategic positioning across green finance sectors and themes. Separate versions are provided for the Eurozone and global investment universes to reflect regional differences in market coverage and investment opportunities.

#### Dorval Green Finance Exposure Datapoints

The Green Finance Theme datapoints identify the primary environmental theme associated with each company based on Dorval's proprietary classification framework. Themes may include areas such as renewable energy, energy efficiency, sustainable mobility, circular economy solutions, water management, and other activities supporting environmental transition objectives. Separate Eurozone and global datasets are provided to align with the respective investment universes.

### 14.4 LIST OF INDICES USING DORVAL'S DATA

Mnemo	ISIN	Name
EGSPP	FRCLIM000445	Euronext Green Solutions Paris-Aligned Benchmark EUR
EGSPN	FRCLIM000452	Euronext Green Solutions Paris-Aligned Benchmark Net Return EUR
EGSPG	FRCLIM000460	Euronext Green Solutions Paris-Aligned Benchmark Gross Return EUR
EGGSP	FRCLIM000668	Euronext Global Green Solutions Paris-Aligned Benchmark EUR
EGGSG	FRCLIM000676	Euronext Global Green Solutions Paris-Aligned Benchmark Gross Return EUR
EGGSH	FRCLIM000684	Euronext Global Green Solutions Paris-Aligned Benchmark NR Unhedged EUR
EGGSN	FRCLIM000692	Euronext Global Green Solutions Paris-Aligned Benchmark Net Return EUR

## 15. Impact Cubed

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### 15.1 INTRODUCTION

Impact Cubed provides quantitative, outcome-based ESG and sustainability data designed to support index construction and portfolio optimisation. Its proprietary datasets combine climate, biodiversity, SDG alignment, and regulatory metrics to help investors integrate risk, return, and impact considerations into investment decisions.

### 15.2 DATA POINTS PROVIDED

Field Name	Description
<b>Defence Driver 1 - Military Defence and Support</b>	Exposure to military defence and support activities.
<b>Defence Driver 2 - Civil Resilience: Utilities and Energy</b>	Exposure to critical infrastructure in utilities and energy.
<b>Defence Driver 3 - Civil Resilience: Materials and Construction</b>	Exposure to critical infrastructure in materials and construction.
<b>Defence Driver 4 - Civil Resilience: Communications, Security and Threats</b>	Exposure to communications, security, and threat mitigation activities.
<b>Defence Driver 5 - Civil Resilience: Essentials and Support</b>	Exposure to essential goods and support services.
<b>Defence Driver 6 - Civil Resilience: Transport and Supply</b>	Exposure to transport and supply chain activities.
<b>Wellbeing Driver 1 - Pharma, Medical Equipment and Services</b>	Exposure to healthcare products and services.
<b>Wellbeing Driver 2 - Healthy Lifestyle</b>	Exposure to products and services supporting healthy lifestyles.
<b>Wellbeing Driver 3 - Pollution and Sanitation</b>	Exposure to pollution reduction and sanitation activities.
<b>Coal Exposure</b>	Exposure to coal-related activities.
<b>Controversial Weapons Exposure</b>	Exposure to controversial weapons activities.
<b>European Revenue Share</b>	Percentage of company revenue generated in Europe.
<b>Gas Exposure</b>	Exposure to gas-related activities.
<b>High-Carbon Electricity Generation Exposure</b>	Exposure to high-carbon electricity generation activities.
<b>Oil Exposure</b>	Exposure to oil-related activities.
<b>Opioids Exposure</b>	Exposure to opioid-related activities.

<b>Tobacco Production Exposure</b>	Exposure to tobacco production activities.
<b>UN Global Compact Violation Status</b>	Indicator of alleged or confirmed UN Global Compact violations.

### 15.3 DATA POINT LEGEND

#### Defence Driver Datapoints

The Defence Driver datapoints measure a company's exposure to activities that contribute to national defence capabilities and civil resilience. The framework assesses business involvement across military support functions and critical infrastructure sectors, including utilities, energy, materials, construction, communications, security, essential services, transport, and supply chains. These datapoints support investors seeking to understand corporate contributions to defence readiness and societal resilience.

#### Wellbeing Driver Datapoints

The Wellbeing Driver datapoints assess a company's contribution to health and wellbeing outcomes through its products and services. The framework evaluates exposure to pharmaceutical and medical activities, healthy lifestyle solutions, and initiatives that improve environmental health through pollution reduction and sanitation services.

#### Restricted Activities Datapoints

The Coal, Oil, Gas, High-Carbon Electricity Generation, Controversial Weapons, Opioids, and Tobacco Production datapoints measure a company's involvement in activities commonly subject to exclusionary screening or responsible investment policies. These metrics enable investors to identify and manage exposure to sectors associated with environmental, social, or regulatory risks.

#### European Revenue Share Datapoint

The European Revenue Share datapoint measures the proportion of a company's total revenue generated within Europe. This metric supports regional exposure analysis and may be used to assess alignment with geographic investment mandates or policy objectives.

#### UN Global Compact Violation Status Datapoint

The UN Global Compact Violation Status datapoint identifies companies that are alleged to have breached, or have been found in breach of, the principles of the United Nations Global Compact. The assessment covers areas including human rights, labour standards, environmental responsibility, and anti-corruption practices, supporting investors in the identification and management of conduct-related risks.

### 15.4 LIST OF INDICES USING ICUBED'S DATA

Mnemo	ISIN	Name
<b>EITD</b>	NLIX00006873	Euronext iCubed European Total Defence
<b>EITDN</b>	NLIX00006881	Euronext iCubed European Total Defence NR
<b>EITDG</b>	NLIX00006899	Euronext iCubed European Total Defence GR
<b>EG60</b>	NLIX00006774	Euronext iCubed Good Health & Wellbeing 60
<b>EG60N</b>	NLIX00006782	Euronext iCubed Good Health & Wellbeing 60 NR
<b>EG60G</b>	NLIX00006790	Euronext iCubed Good Health & Wellbeing 60 GR
<b>EGHW</b>	NLIX00006741	Euronext iCubed Good Health & Wellbeing
<b>EGHWN</b>	NLIX00006758	Euronext iCubed Good Health & Wellbeing NR
<b>EGHWG</b>	NLIX00006766	Euronext iCubed Good Health & Wellbeing GR

## **16. ValueCoMetrics**

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### **16.1 INTRODUCTION**

ValueCoMetrics provides a proprietary sustainability assessment methodology based on aggregated institutional investor perspectives on extra-financial risks and opportunities. The methodology supports the integration of market-based sustainability insights into index construction and evaluation processes.

## **17. Scientific Portfolio**

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### **17.1 INTRODUCTION**

Scientific Portfolio provides proprietary portfolio construction and optimisation methodologies designed to support risk management and index design. Drawing on quantitative research and academic expertise, the methodologies incorporate portfolio optimisation techniques, climate considerations, and ESG integration principles.

## 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.