



ESG Factor Disclosure Information

Sources, definitions, and calculations of ESG factors disclosed in benchmark statements based on Commission Delegated Regulation (EU) 2020/1816

Version 1.0 dated 14.11.2022

IMPORTANT INFORMATION

Commission Delegated Regulation (EU) 2020/1816 (the “**DELEGATED REGULATION**”) sets out the requirements for disclosures on how ESG factors are reflected in each benchmark provided and published by a benchmark administrator.

Annexes I and II to the DELEGATED REGULATION provide templates for the disclosures and a list of ESG factors to be considered for disclosure by benchmark administrators.

LIXX GmbH’s, Fürstenwall 172a, 40217 Düsseldorf, Germany (“**LIXX**”) solution to meet these requirements features the following structure:

- Required disclosures of ESG factors are provided on the respective index page at www.lixxinnovation.com under the tab "ESG Factor Details" ("**ESG Factor Website**").
- ESG factors whose disclosure is voluntary (based on the classification in Annex II to the DELEGATED REGULATION), are not disclosed by LIXX
- Benchmark statements are available to the public on the respective index page at www.lixxinnovation.com.

This document provides details on the ESG factors disclosed by LIXX in the benchmark statement of any index for which LIXX acts as the benchmark administrator. These details include the source and definition of underlying data as well as the calculation of the final ESG factors disclosed by LIXX.

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1 INTRODUCTION

Based on the general structure provided in Annexes I and II to the DELEGATED REGULATION, this document categorizes disclosures depending on the relevant underlying asset class of the index (equity).

Note: If no data are available for individual ESG factors, they are marked as “NA” on the ESG Factor Website. If data for individual ESG factors are not available for all index components, the coverage indicated on the ESG Factor Website will be below 100%. The coverage is defined as the aggregated weight of all index components for which relevant ESG data is available.

For each item listed in the relevant subsection, detailed information is provided in the following format:

ESG Factor: Name of the disclosed ESG factor as provided on the ESG Factor Website

Source: Source of the data

Definition: Definition of the data underlying the disclosed ESG factor

Calculation: Description of the calculation of the disclosed ESG factor to arrive at the number published on the ESG Factor Website

2 DISCLOSURES FOR EQUITY INDICES

2.1 Combined ESG Factors

All ESG factors listed under “Combined ESG Factors” in Annex II to the DELEGATED REGULATION, are marked as “voluntary” and thus not disclosed by LIXX.

2.2 Environmental Factors

ESG Factor	Source	Definition	Calculation
Degree of exposure of the portfolio to the sectors listed in Sections A to H and Section L of Annex I to Regulation (EC) No 1893/2006 of the European Parliament and of the Council(1) as a percentage of the total weight in the portfolio.	Moody’s Analytics	The statistical classification of economic activities in the European Union (EU), abbreviated as NACE, is the industry standard classification system used in the European Union.	Aggregate index weight of all index components with the following NACE Section Codes: A B C D E F G H L
Greenhouse Gas (GHG) Intensity	Moody’s Analytics	Scope 1 and Scope 2 Greenhouse Gas (GHG) emissions expressed as tons of carbon dioxide equivalent per million USD of revenue	Weighted average GHG intensity of all index components

<p>Percentage of GHG emissions reported versus estimated (% reported GHG emissions % estimated GHG emissions)</p>	<p>Moody's Analytics</p>	<p>An indication as to whether or not the Greenhouse Gas was calculated using figures published officially by the Issuer or using estimation methods by Moody's Analytics.</p>	<p>Aggregate index weight of all index components with a reported GHG intensity and an estimated GHG intensity</p>
<p>Exposure of the benchmark portfolio to companies the activities of which fall under Divisions 05 to 09, 19 and 20 of Annex I to Regulation (EC) No 1893/2006</p>	<p>Moody's Analytics</p>	<p>The statistical classification of economic activities in the European Union (EU), abbreviated as NACE, is the industry standard classification system used in the European Union.</p>	<p>Aggregate index weight of all index components with the following NACE Division Codes: 5 6 7 8 9 19 20</p>
<p>Exposure of the benchmark portfolio to activities included in the environmental goods and services sector, as defined in Article 2, point (5) of Regulation (EU) No 691/2011 of the European Parliament and of the Council (2).</p>	<p>Moody's Analytics</p>	<p>Identifies the proportion of a company's commercial activity that is linked to the scale of goods or the provision of services, that support the achievement of the 17 UN Sustainable Development Goals (SDGs). It identifies business activities providing solutions to sustainability challenges, assess Environmental and Social benefits from products</p>	<p>Aggregate index weight of all index components with activities included in the environmental goods and services sector</p>

		and services and support impactful investment strategies.	
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2.3 Social Factors

ESG Factor	Source	Definition	Calculation
International treaties and conventions, United Nations principles or, where applicable, national law used in order to determine what constitutes a ‘controversial weapon’.	Moody’s Analytics	International treaties and conventions used to define Controversial Weapons include the UN Global Compact’s “Derive revenue from the production, sale and/or transfer of antipersonnel landmines or cluster munitions” exclusionary criterion, as well as the Mine Ban Treaty (1999) and the Convention on Cluster Munitions (2010).	No calculation needed
Weighted average percentage of benchmark constituents in the controversial weapons sector.	Moody’s Analytics	Indicates issuers with verified or potential involvement in controversial weapons (Global Compact involvement in Anti-Personal landmines and/or Cluster Munitions)	Aggregate index weight of all index components with verified or potential involvement in controversial weapons
Weighted average percentage of benchmark constituents in the tobacco sector.	Moody’s Analytics	Identifies issuers engaged in the production of tobacco. Production includes the ownership of tobacco plantations and the manufacture of tobacco products including the processing of tobacco leaves i.e. sorting, curing, threshing, and blending.	Aggregate index weight of all index components with any engagement in the production of tobacco

		This obviously includes revenues from the sale of own product.	
Number of benchmark constituents subject to social violations (absolute number and relative divided by all benchmark constituents), as referred to in international treaties and conventions, United Nations principles and, where applicable, national law.	Moody's Analytics	Indicates issuers facing at least one controversy of critical severity on a UNGC driver, which includes controversies regarding Human Rights, Non-discrimination, Supply Chain (Labor), Labor Rights, Elimination of child labour and forced labour, Environmental strategy, Pollution prevention and control (soil, accident), Green products and services, Biodiversity, Water, Energy, Atmospheric emissions, Waste Management, Local Pollution, Transportation, Use & Disposal of Products, Supply chain (Environmental) and Corruption	Total: absolute number of index components facing at least one controversy of critical severity on a UNGC driver Relative: % of Index components: number of index components facing at least one controversy of critical severity on a UNGC driver relative to total number of index components
Exposure of the benchmark portfolio to companies without due diligence policies on issues addressed by the fundamental International Labor Organisation Conventions 1 to 8.	Moody's Analytics	Indicates issuers facing at least one controversy of critical severity on a Labour driver which includes controversies regarding Non-discrimination, Supply Chain (Labor), Labor Rights, Elimination of child labour and forced labour	Aggregate index weight of all index components which are involved in critical controversies on Labour drivers
Weighted average gender pay gap.	Moody's Analytics	The average (mean) unadjusted gender pay gap is defined as the difference between the average gross hourly earnings of male paid	Weighted average aggregate index weight of individual index components

		employees and of female paid employees as a percentage of average gross hourly earnings of male paid employees.	
Weighted average ratio of female to male board members.	Moody's Analytics	Percentage of women on board	Weighted average ratio of female to male board members of individual index components
Weighted average ratio of accidents, injuries, fatalities.	Moody's Analytics	Lost-time injury frequency rate (LTIFR) defined as number of accidents having led to incapacity of work for at least one day for all workers, per 200,000 hours worked. This indicator is calculated as: ((total lost-time accidents)/(total hours worked))*200,000.	Weighted average ratio of accidents, injuries, fatalities of individual index components
Numbers of convictions and amount of fines for violations of anti-corruption and anti-bribery laws.	Currently not disclosed due to data unavailability		

2.4 Governance Factors

ESG Factor	Source	Definition	Calculation
Weighted average percentage of board members who are independent.	Moody's Analytics	Percentage of directors identified as "Independent" based on Moody's Analytics classification	Weighted average percentage of independent board members of individual index components

<p>Weighted average percentage of female board members.</p>	<p>Moody's Analytics</p>	<p>Percentage of female board members</p>	<p>Weighted average percentage of female board members share of individual index components</p>
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3 CHANGE HISTORY

4 CONTACT DATA

LIXX GmbH
Fürstenwall 172a
40217 Düsseldorf
Germany

Tel.: +49 (0) 211 78175180
E-Mail: info@lixxinnovation.com
Website: www.lixxinnovation.com

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