

# EXPLANATION OF HOW KEY ELEMENTS OF THE BENCHMARK METHODOLOGY REFLECT ENVIRONMENTAL, SOCIAL, AND GOVERNANCE (ESG) FACTORS

Solactive Global Hydrogen v2 Index GTR



This document provides an explanation of how the key elements of the benchmark methodology reflect ESG factors. It is compiled in accordance with the requirements of point (d) of Article 13 (1) of Regulation (EU) 2016/1011 of the European Parliament and of the Council of 8 June 2016 (the "Benchmarks Regulation") and of the Commission Delegated Regulation (EU) 2020/1817.

## General Information

<b>Name of the benchmark administrator</b>	Solactive AG
<b>Type of benchmark or family of benchmarks</b>	Equity
<b>Name of the benchmark or family of benchmarks</b>	Solactive Global Hydrogen v2 Index GTR
<b>Does the benchmark methodology for the benchmark or family of benchmarks take into account ESG factors?</b>	Yes

## ESG Factors Applied in the Benchmark Methodology

<b>List of environmental factors considered</b>	<ul style="list-style-type: none"><li>&gt; Exclusion of companies with verified ongoing failure to respect established international norms. The core normative framework consists of the Principles of the UN Global Compact and the OECD Guidelines for Multinational Enterprises.</li><li>&gt; Exclusion of companies generating revenues (in proportion to their total revenues) &gt;10% from exploration mining or reining of thermal coal, or basing &gt;=30% of their operations on thermal coal or producing &gt;20 million tons of thermal coal p.a. and are actively expanding.</li><li>&gt; Exclusion of companies generating revenues (in proportion to their total revenues) &gt;5% revenues from unconventional oil and gas production, including revenues from oil sands, oil shale, shale gas and oil and gas production in the arctic regions or companies building or operating pipelines that significantly facilitate export of unconventional oil and gas</li><li>&gt; Exclusion of companies generating revenues (in proportion to their total revenues) &gt;5% revenues from conventional oil and gas production, including natural gas, petroleum, and crude oil or operating pipelines that significantly facilitate export of conventional oil and gas</li><li>&gt; Exclusion of companies that are involved in systematic unsustainable palm oil production</li></ul>
<b>List of social factors considered</b>	<ul style="list-style-type: none"><li>&gt; Exclusion of companies with verified ongoing failure to respect established international norms. The core normative framework consists of the Principles of the UN Global Compact, the OECD Guidelines for Multinational Enterprises and the UN Guiding Principles for Business and Human Rights.</li><li>&gt; Exclusion of companies with verified ongoing involvement in the production, development, or maintenance of controversial weapons (including chemical, biological and nuclear weapons, depleted uranium munitions, cluster munitions, anti-personnel mines, and any other weapon that violate humanitarian principles through normal use), or producing or developing key and dedicated components for controversial weapons, or involved in the production and/or services tailor made for the defense in-</li></ul>



	<p>dustry or the military. Additionally, companies holding <math>\geq 20\%</math> stake in a company that is involved in controversial weapons or companies currently <math>\geq 50\%</math> owned by a company that is involved in controversial weapons are excluded.</p> <ul style="list-style-type: none"> <li>&gt; Exclusion of companies generating revenues (in proportion to their total revenues) <math>&gt; 5\%</math> from production or <math>&gt; 5\%</math> from distribution of arms (both public and private).</li> <li>&gt; Exclusion of companies generating revenues (in proportion to their total revenues) <math>&gt; 0\%</math> from manufacturing of tobacco or <math>&gt; 5\%</math> from distribution and/or sale of tobacco and/or tobacco products.</li> <li>&gt; Exclusion of companies generating revenues (in proportion to their total revenues) <math>&gt; 5\%</math> from recreational cannabis</li> <li>&gt; Exclusion of companies generating revenues (in proportion to their total revenues) <math>&gt; 0\%</math> revenue from production of adult entertainment or <math>&gt; 5\%</math> revenues from the distribution of adult entertainment</li> <li>&gt; Exclusion of companies generating revenues (in proportion to their total revenues) <math>&gt; 0\%</math> revenues from the production of alcoholic beverages including ingredients solely used in alcoholic beverages or <math>&gt; 5\%</math> revenues from the distribution of alcoholic beverages or alcoholic related services</li> <li>&gt; Exclusion of companies generating revenues (in proportion to their total revenues) <math>&gt; 0\%</math> revenues from owning or operating gambling establishments or <math>&gt; 5\%</math> revenues from providing supporting products/services to gambling operations or <math>&gt; 5\%</math> revenues from manufacturing specialized equipment used exclusively for gambling</li> <li>&gt; Exclusion of private companies that are involved in management or ownership of prisons</li> </ul>
<b>List of governance factors considered</b>	<ul style="list-style-type: none"> <li>&gt; Exclusion of companies with verified ongoing failure to respect established international norms. The core normative framework consists of the Principles of the UN Global Compact, the OECD Guidelines for Multinational Enterprises and the UN Guiding Principles for Business and Human Rights.</li> </ul>

## Data and Standards used

<b>Data Input</b>	The data used to construct the index is sourced externally from Minerva Analytics Ltd
<b>Verification and quality of data</b>	The provider of ESG-related data input is selected by the Administrator based on an assessment of its existing processes in order to ensure the reliability and representativeness of the ESG-related data. The data provider has established processes in accordance with accepted and established market standards that ensure the permanent quality and reliability of the ESG-data provided.
<b>Reference standards</b>	International standards referenced by the index methodology are listed in the respective section above.
<b>Information updated on</b>	23/02/2024
<b>Reason for update:</b>	Initial document creation.



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