



# ECPI GLOBAL ESG HYDROGEN ECONOMY INDEX

RULE BOOK

January 2025  
Version 3.0.4

ECPI Srl is a member of Confluence

# MARKET REALITY

The ECPI Global ESG Hydrogen Economy Index is an equally weighted index designed to offer investors exposure to companies most active in the sustainable hydrogen economy.

Companies selected can be reconducted to one of the following specific subcluster:

- **Hydrogen** → Companies significantly involved in the provision of solution at the core of the sustainable Hydrogen economy either as producers, suppliers, storing, or consumers of hydrogen fuelled solution.
- **Clean Energy** → Companies significantly involved in the production of electricity from renewable sources and that is used in sustainable hydrogen production plants.

# INDEX FAMILY IDENTIFIERS

| BLOOMBERG TICKER | REFINITIV RIC | INDEX NAME   |
|------------------|---------------|--|
| GALPHH2P Index   | .GALPHH2P     | ECPI Global ESG Hydrogen Economy Price Index                     |
| GALPHH2R Index   | .GALPHH2R     | ECPI Global ESG Hydrogen Economy Total Return Index              |
| GALPHH2N Index   | .GALPHH2N     | ECPI Global ESG Hydrogen Economy Net Return Index                |
| GALPHH2D Index   | .GALPHH2D     | ECPI Global ESG Hydrogen Economy Net Return Index 3.5% Decrement |

# INDEX REBALANCING

Semi-Annually, on the Selection Date immediately preceding the relevant Effective Rebalance Date, index constituents are selected in accordance with the index eligibility criteria as new constituents of the index in order to ensure market representation.

If the review day falls on a holiday, the subsequent working day will be considered.

| REBALANCING TIMETABLE |  |   |
|-----------------------|--|---|
| TIME REFERENCE        | ACTION   | WHEN  |
| T <sub>0</sub>        | Selection Date of the new constituents               | 1st Friday of Jan, Jul                              |
| T <sub>1</sub>        | Equal Weight Reference Date                          | 3rd Monday of Jan, Jul                              |
| T <sub>2</sub>        | Proforma Period                                      | 4 days of Proforma, starting 3rd Monday of Jan, Jul |
| T <sub>3</sub>        | Effective Rebalance Date: the new index is effective | 3rd Friday (closing) of Jan, Jul                    |

# EQUITY UNIVERSE

Every six months ECPI reviews the index constituents in order to ensure market representation.

ECPI maintains a research universe of investable instruments construed according the ECPI ESG Screening Methodology ([ECPI ESG Rating Methodology - Companies](#)).

Starting from the research universe, ECPI has built a thematic selection of companies according to the following criteria (**Thematic Universe**).

The companies most involved in the Hydrogen Economy Index, with a positive ECPI ESG Rating are selected and classified into two different clusters:

- Hydrogen Products
- Clean Energy

To be eligible for inclusion in the ECPI Global ESG Hydrogen Economy Index, a stock must satisfy the following criteria (in which case, it will be an "eligible stock"):

## Index Initial Universe:

1. The Company belongs to the **Thematic Universe** described above
2. It is listed on a Global Developed Market

| COUNTRY TABLE |             |                |
|---------------|-------------|----------------|
| Australia     | Hong Kong   | Portugal       |
| Austria       | Ireland     | Singapore      |
| Belgium       | Israel      | Spain          |
| Canada        | Italy       | Sweden         |
| Denmark       | Japan       | Switzerland    |
| Finland       | Luxembourg  | United Kingdom |
| France        | Netherlands | United States  |
| Germany       | New Zealand |                |
| Greece        | Norway      |                |

Any issuer whose head office is located in a country or territory included in the latest available version of the **EU list of countries and territories not cooperating on tax issues** or domiciled in a country or territory on the **Financial Action Task Force (FATF) blacklist or greylist** is not eligible for the inclusion in the index.

3. The issuer of the stock must have a minimum market capitalization of € 500 million
4. The average daily traded value of the stock over the last 6 months shall be equivalent to a minimum of € 5 million

## ESG Investable Universe:

5. The following Normative & Controversy Screening is applied:
  - Companies with a poor ESG profile are excluded (ESG Rating = F)
  - Companies involved in structural, repetitive, and severe controversies or violations of the:
    - UN Global Compact
    - UN Guiding Principles on Business and Human Rights (UNGPs)
    - OECD Guidelines for Multinational Enterprises (as far as relevant)
    - ILO Conventions
 are excluded
6. The following ESG Best in Universe Strategy rule is applied:
  - Environmental Rating must be E- or higher, AND
  - Social Rating must be E- or higher, AND
  - Governance Rating must be E- or higher, AND
  - Overall ESG Rating must be E+ or higher

The following Sector Exposure criteria are applied aimed at ensuring compliance of selection with Towards Sustainability standards, French SRI Label, and PAB exclusions rules:

7. Company is not involved in the cultivation and production of **tobacco**, e-cigarettes and the wholesale trading of these products, or their enabling activities.
8. The company is not involved in production of **controversial weapons** (Nuclear, Biological, Chemical, Cluster Munitions, Mines) and/or their essential components.
9. The company does not derive more than 5% of its revenues from: the production and/or distribution of **conventional weapons/armaments** (including handguns and civilian firearms); the production of their essential tailor-made components; or their enabling activities.
10. A company involved in prospection, exploration, extraction/mining, processing, or transportation of **thermal coal** is eligible if:
  - it derives less than 1% of its revenues from thermal coal production related activities, including transportation related activities.
  - or less than 25% of its revenues from their enabling activities.
  - the absolute production of thermal coal has not increased over the past three years
  - if listed in the Global Coal Exit List (GCEL), its inclusion in the index portfolio must be motivated.
11. A companies involved in prospection, exploration or extraction of **unconventional oil and gas** is eligible if:
  - it derives less than 5% of its revenues from unconventional oil & gas activities

- or less than 25% of its revenues from their enabling activities
  - the absolute production of unconventional oil and gas has not increased over the past three years
  - if listed in the Global Oil & Gas Exit List (GOGEL) and having unconventional production > 5% or having any short-term unconventional expansion, its inclusion in the index portfolio must be motivated.
12. A company involved in prospection, exploration, extraction, processing, refining or transportation of **conventional oil & gas** is eligible if:
- it derives less than 5% of its revenues from oil and gas-related activities; or
  - less than 25% of its revenues from their enabling activities. or
  - it has a SBTi target set at well-below 2°C or 1.5°C, or have a SBTi 'Business Ambition for 1.5°C' commitment,
  - if listed in the Global Oil & Gas Exit List (GOGEL) and having conventional production > 5% or having any short-term conventional expansion, its inclusion in the index portfolio must be motivated.
13. A company involved in the **generation of power/heat** from non-renewable energy sources (Electric Utilities, Gas Utilities, Multi-Utilities, Independent Power Producers & Energy Traders) is eligible if:
- it is not involved in building new coal-fired power stations, AND
  - the company's absolute production of coal-based energy shall not be structurally increasing (+5% over the past three years) and the company's capacity for coal-based energy shall be less than 5 GW, AND
  - the company derives 50% or more of its revenues from electricity generation with a GHG intensity of less than 100 g CO<sub>2</sub> e/kWh.
- AND,
- it has a SBTi target set at well-below 2°C or 1.5°C, or has a SBTi 'Business Ambition for 1.5°C' commitment, OR
  - it derives less than 5% of its revenues from non-renewable energy generation, OR
  - it derives more than 50% of its revenues from contributing activities.
- AND
- if listed in the Global Coal Exit List (GCEL), its inclusion in the index portfolio must be motivated.

# INDEX SELECTION

The index selects the first 40 stocks by capitalization under the selection constraints specified below:

**a. Thematic Diversification Criterion:**

constituents shall be classified by cluster, ordered by capitalization in descending order, and selected based on the following rule: 30 constituents from the "Hydrogen Products" cluster and 10 constituents from the "Clean Energy" cluster.

**b. GHG intensity Criterion:**

At rebalancing date, the GHG intensity of the index, calculated including Scope 1 and Scope 2 emissions, shall be lower than the average GHG Intensity of the Index Initial Universe. If the test fails, the constituent with the highest GHG Intensity is substituted with next eligible stock of the investable universe belonging to the same sector of the substituted security. The process is iterated till the GHG Intensity condition is met. GHG Intensity of the final portfolio must be lower than the one of the Index Initial universe.

**c. Gender diversity Criterion:**

At rebalancing date, the Board gender diversity level of the index, i.e. the percentage of board members of the underrepresented sex, shall be higher than the Board gender diversity level of the Index Initial Universe. If the test fails, the constituent with the lower Board gender diversity level is substituted with next eligible stock of the investable universe belonging to the same sector of the substituted security. The process is iterated till the Board gender diversity level condition is met. Gender Diversity Ratio of the final portfolio must be higher than the one of the Index Initial universe.

**d. Selectivity Criterion:**

the ESG Investable Universe shall at least be reduced by 30% compared to the Index Initial Universe, as a result of the combined application of sector exclusions, normative screening and the best-in- universe selection.

# BUFFER RULE

For all current constituents, a tolerance of 20% is applied to the market capitalization and 6-months daily average value traded limits. Therefore, a constituent will be allowed to remain in the index if it has a minimum market cap of € 400 million and a minimum liquidity of € 4 million.

# Versions

| VERSION | EFFECTIVE DATE   | CHANGES  |
|---------|------------------|--|
| 3.0.1   | 30 June 2023     | Ungrouping Index Family  |
| 3.0.2   | 31 December 2023 | Updated screening criteria (International norms adherence, GHG intensity Criterion, Gender diversity Criterion, Sector Exposure Criteria, Selectivity Criterion) |
| 3.0.3   | 1 May 2024       | Verification and quality of data   |
| 3.0.4   | 1 January 2025   | Selection criteria 2, 7, 10 - 13 and GHG and Gender Diversity KPIs restatement   |
|         |                  |  |



## EXPLANATION OF HOW ESG FACTORS ARE REFLECTED IN THE KEY ELEMENTS OF THE BENCHMARK METHODOLOGY

|   |  |
|---|--|
| Item 1. Name of the benchmark administrator.  | StatPro  |
| Item 2. Type of benchmark or family of benchmarks.  | Equity   |
| Item 3. Name of the benchmark or family of benchmarks.  | ECPI Global ESG Hydrogen Economy Equity  |
| Item 4. Does the benchmark methodology for the benchmark or family of benchmarks take into account ESG factors?   | <input checked="" type="checkbox"/> <b>YES</b> <input type="checkbox"/> <b>NO</b>  |
| <p><b>Item 5.</b> Where the response to Item 4 is positive, please list below, for each family of benchmarks, those ESG factors that are taken into account in the benchmark methodology, taking into account the ESG factors listed in Annex II to Delegated Regulation (EU) 2020/1816.</p> <p>Please explain how those ESG factors are used for the selection, weighting or exclusion of underlying assets.</p> <p>The ESG factors shall be disclosed at an aggregated weighted average value at the level of the family of benchmarks.</p> |  |
| (a) List of environmental factors considered:   | <p><b>Selection:</b></p> <ul style="list-style-type: none"> <li>• ECPI Environmental Rating must be E- or higher</li> <li>• Overall ECPI ESG Rating must be E+ or higher</li> <li>• thermal coal-related products/services absolute production not increased over the past three years and revenues below 1% from thermal coal production related activities, including transportation related activities or less than 25% of its revenues from their enabling activities</li> <li>• production of unconventional oil &amp; gas products/services not increased over the past three years AND revenues below 5% from unconventional oil &amp; gas production related activities, including transportation related activities or less than 25% of its revenues from their enabling activities</li> <li>• conventional oil &amp; gas extraction less than 5% of total revenues or less than 25% of its revenues from their enabling activities OR SBTi target set at well-below 2°C or 1.5°C, or SBTi 'Business Ambition for 1.5°C' commitment</li> <li>• Companies involved in the generation of power/heat from non-renewable energy sources (Electric Utilities, Gas Utilities, Multi-Utilities, Independent Power Producers &amp; Energy Traders) are eligible if: <ul style="list-style-type: none"> <li>• the company derives 50% or more of its revenues from electricity generation with a GHG intensity of less than 100 g CO<sub>2</sub> e/kWh.</li> <li>• the company's absolute production of coal-based or nuclear-based energy-related products/services shall not be structurally increasing (+5% over the past three years) and the company's capacity for coal-based energy shall be less than 5 GW, AND</li> <li>• Has a SBTi target set at well-below 2°C or 1.5°C, or have a SBTi 'Business Ambition for 1.5°C' commitment, OR</li> <li>• Derives less than 5% of its revenues from non-renewable energy generation, OR</li> <li>• Derive more than 50% of its revenues from contributing activities</li> </ul> </li> <li>• GHG Intensity of the final portfolio must be lower than the one of the Index Initial Universe</li> </ul> |

|   |   |
|---|---|
|   | <p><b>Exclusion:</b></p> <ul style="list-style-type: none"> <li>Companies involved in systematic violations of the UN Global Compact, UN Guiding Principles on Business and Human Rights (UNGPs), OECD Guidelines for Multinational Enterprises (as far as relevant), ILO Conventions are excluded (ESG Rating = F)</li> </ul>  |
| (b) List of social factors considered:                          | <p><b>Selection:</b></p> <ul style="list-style-type: none"> <li>ECPI Social Rating must be E- or higher</li> <li>Overall ECPI ESG Rating must be E+ or higher</li> </ul> <p><b>Exclusion:</b></p> <ul style="list-style-type: none"> <li>Companies involved in systematic violations of the UN Global Compact, UN Guiding Principles on Business and Human Rights (UNGPs), OECD Guidelines for Multinational Enterprises (as far as relevant), ILO Conventions are excluded (ESG Rating = F)</li> <li>Production of controversial weapons (Nuclear, Biological, Chemical, Cluster Munitions, Mines) and/or their essential components</li> <li>Production and/or distribution of conventional weapons/armaments (including handguns and civilian firearms) and/or the production of their essential tailor-made components - more than 5% of total revenues</li> <li>Production of tobacco, products that contain tobacco or the wholesale trading of these products</li> </ul> |
| (c) List of governance factors considered:                      | <p><b>Selection:</b></p> <ul style="list-style-type: none"> <li>ECPI Governance Rating must be E- or higher</li> <li>Overall ECPI ESG Rating must be E+ or higher</li> <li>Gender Diversity Ratio of the final portfolio must be higher than the one of the Index Initial Universe.</li> </ul> <p><b>Exclusion:</b></p> <ul style="list-style-type: none"> <li>Companies involved in systematic violations of the UN Global Compact, UN Guiding Principles on Business and Human Rights (UNGPs), OECD Guidelines for Multinational Enterprises (as far as relevant), ILO Conventions are excluded (ESG Rating = F)</li> </ul>   |
| Hyperlink to the information on ESG factors for each benchmark: | <a href="https://ecplgroup.com/wp-content/uploads/rules/GALPHH2P_Benchmark_Statement.pdf">https://ecplgroup.com/wp-content/uploads/rules/GALPHH2P_Benchmark_Statement.pdf</a>   |

| Item 7. Data and standards used   |   |
|---|---|
| <p>(a) Data input.</p> <p><i>(i) Describe whether the data are reported, modelled or sourced internally or externally.</i></p> <p><i>(ii) Where the data are reported, modelled or sourced externally, please name the third party data provider.</i></p> | <p>Company analyses draw on a range of reliable and publicly available sources to create a transferable, equitable and auditable approach. Where possible, ECPI aims to use objective information that is easily measured and quantified and less subject to bias and opinion. In cases where an indicator is important to capture, but not easily quantifiable, ECPI process works to reduce bias, by identifying clear and unambiguous rules for assigning scores.</p> <p>Sources include:</p> <ul style="list-style-type: none"> <li>• Company annual reports</li> <li>• Company sustainability reports, environmental reports, CSR reports or similar</li> <li>• Company websites</li> <li>• Regulatory data (from the regulators in the country/countries where the company is incorporated and/or listed)</li> <li>• Information providers and search engines</li> <li>• Media and news services (including newsletters from local and international institutions and NGOs).</li> <li>• Screening of company's participation in international institutions</li> <li>• Screening of company's certifications</li> <li>• Screening of company's awards</li> <li>• Thematic websites promoted by international non-profit organizations</li> <li>• Company Investor Relations departments, when necessary. In such cases, we try to obtain written answers in order to be able to store them in the company's records</li> </ul> |
| <p>(b) Verification and quality of data.</p> <p><i>Describe how data are verified and how the quality of those data is ensured.</i></p>   | <p>The ESG data is sourced externally, from ECPI, the ESG research provider. ECPI delivers ESG scores and ratings information as well as involvement in controversial sectors of activity and an assessment regarding the UNGC principles. For details on ECPI ESG research, please refer to <a href="#">ECPI ESG Methodology Document</a>.</p> <p>The provider has been selected by the Administrator based on an assessment of its existing processes 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.</p> <p>The verification and quality of data are checked both externally and internally by automated and manual quality assurance processes.</p> <p>The quality assurance process includes:</p> <ul style="list-style-type: none"> <li>• Systematic peer review for all issuers that are newly assessed</li> <li>• Systematic peer review for all significant changes during the annual update</li> <li>• Periodic spot checks for certain high-risk industries/issue areas by research leads</li> <li>• Periodic data comparison with third-party sources, including government and industry databases</li> </ul>  |
| <p>(c) Reference standards</p> <p><i>Describe the international standards used in the benchmark methodology.</i></p>  | <p>The rating criteria have been developed in accordance with ICCR's "Principles for Global Corporate Responsibility: Benchmarks for Measuring Business Performance" and is inspired by the principles developed by International Bodies dedicated to Responsible Investment such as UN Global Compact (<a href="http://www.unglobalcompact.org">www.unglobalcompact.org</a>), the Global Reporting Initiative (<a href="http://www.globalreporting.org">www.globalreporting.org</a>) and UN PRI (<a href="http://www.unpri.org">www.unpri.org</a>).</p>  |
| <p>Date on which information has been last updated:</p>   | <p>1 January 2025</p>   |

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