



SOLACTIVE AG | VIGEO EIRIS BELGIUM SA

ETHICAL EUROPE EQUITY INDEX

CERTIFICATION STATEMENT 4th QUARTER 2019

To the Index users,
To the Index provider Solactive AG,

Forum ETHIBEL asbl¹ is appointed by Solactive AG to execute independent monitoring and certification of the Ethical Europe Equity Index (SOLEEE Index) concerning its conformity with the non-financial aspects of the rulebook and the due diligence of the Index composition process.



Index set-up

Selection universe of constituents. The Ethical Europe Equity Index is composed of shares of companies belonging to the Ethibel® Excellence Europe Register, or derived from the ESG research universe of Vigeo Eirisⁱⁱ.

ESG criteria. In both cases, the constituents benefit from a global ESG (Environmental, Social and Governance) score of (i) equal or higher than 40/100 and (ii) higher than the sector average, at the date of publication.

Ethical criteria. Constituents that do not belong to the Ethibel Register also: (i) have no significant involvement in activities related to armament, gambling, tobacco and to nuclear activities and (ii) are not involved in violations of environmental, labour or human rights standards.

Operational modalities. Solactive and Vigeo Eiris have agreed a script with monthly deliveries of the eligible universe and quarterly updates of the Index composition. At that occasion a review of the possible involvement of the concerned companies in disputable activities or in violations related to the ethical criteria is done. Constituents that do no longer comply with the criteria are excluded from the Index. Solactive publishes all Index updates, after audit and certification by Forum ETHIBEL.

Certification liabilities

Role of Forum ETHIBEL. Forum ETHIBEL solely acts by its role as auditor and certification institute. The Ethibel label is not involved in any way in the assignment.

Meaning and scope. A certificate or a 'declaration of certification' is a written testimony of conformity of a product with its self-imposed rules and regulations and/or quality requirements.

Dedication. A Forum ETHIBEL certificate provides evidence that a financial product or instrument is in line with its non-financial criteria and processes as defined by its prospectus, rulebook, and regulations or otherwise stated specifications.

Verification and quarterly revision

Forum ETHIBEL has executed the audit in full accordance with the contractual obligations and determinations.

This certification declaration is based on the Index composition at the Adjustment date of October 17th, 2019 and conformity has been verified against the stated principles and the involved procedures. The reader is referred to the detailed description of the level of involvement and the exclusion thresholds in annex.

All evidence provided by Vigeo Eiris on the involved screening and monitoring processes and the related internal management systems regarding thoughtfulness and quality have been checked. While processing the audit, our additional inquiries were answered by Vigeo Eiris.

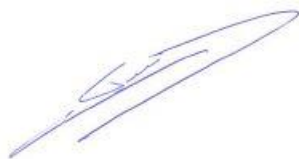
| Company name | Country Ticker | Rating Sector | ISIN |
|--------------------------|----------------|----------------------------------|--------------|
| ADECCO GROUP AG | CH | Business Support Services | CH0012138605 |
| ALLIANZ SE | DE | Insurance | DE0008404005 |
| ASSICURAZIONI GENERALI | IT | Insurance | IT0000062072 |
| AVIVA PLC | GB | Insurance | GB0002162385 |
| AXA SA | FR | Insurance | FR0000120628 |
| BRITISH LAND CO PLC | GB | Financial Services - Real Estate | GB0001367019 |
| BT GROUP PLC | GB | Telecommunications | GB0030913577 |
| EDP ENERGIAS DE PORTUGAL | PT | Electric & Gas Utilities | PTEDP0AM0009 |
| GLAXOSMITHKLINE PLC | GB | Pharmaceuticals & biotechnology | GB0009252882 |
| KLEPIERRE SA | FR | Financial Services - Real Estate | FR0000121964 |
| LAND SECURITIES GROUP | GB | Financial Services - Real Estate | GB00BYW0PQ60 |
| LEGAL & GENERAL GROUP | GB | Insurance | GB0005603997 |
| MEDIOBANCA SPA | IT | Retail & specialised banks | IT0000062957 |
| MUNICH RE | DE | Insurance | DE0008430026 |
| NATURGY ENERGY GROUP | ES | Electric & Gas Utilities | ES0116870314 |
| NN GROUP NV | NL | Insurance | NL0010773842 |
| ORANGE SA | FR | Telecommunications | FR0000133308 |
| RED ELECTRICA CORP SA | ES | Electric & Gas Utilities | ES0173093024 |
| ROYAL KPN NV | NL | Telecommunications | NL0000009082 |
| SCOR SE | FR | Insurance | FR0010411983 |
| SNAM SPA | IT | Electric & Gas Utilities | IT0003153415 |
| SUEZ | FR | Waste & Water Utilities | FR0010613471 |
| SWISS RE AG | CH | Insurance | CH0126881561 |
| SWISSCOM AG | CH | Telecommunications | CH0008742519 |
| TELEFONICA SA | ES | Telecommunications | ES0178430E18 |
| TELENOR ASA | NO | Telecommunications | NO0010063308 |
| TELIA CO AB | SE | Telecommunications | SE0000667925 |
| TERNA SPA | IT | Electric & Gas Utilities | IT0003242622 |
| VEOLIA ENVIRONNEMENT | FR | Waste & Water Utilities | FR0000124141 |
| ZURICH INSURANCE GROUP | CH | Insurance | CH0011075394 |

Conclusion

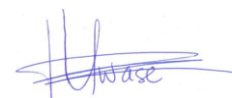
With reference to the Adjustment date of October 17, 2019 and based on the above listed audit services, we declare that the **Ethical Europe Equity Index** has been revised in full compliance with stipulations of the ESG and ethical criteria and the operational modalities, set out in the Index rulebook.

Brussels, October 17th, 2019

Forum ETHIBEL asbl,



Kenny FREDERICKX,
General Director



Laura UWASE,
Research officer

ⁱ **Forum ETHIBEL** is a Belgian independent association, created in 1992 and recognized as an expert in rating, independent audits and certification of products and services that meet ESG and ethical standards (www.forumethibel.org)

ⁱⁱ **Vigeo Eiris** is a leading European expert in assessing responsible performance. Founded in 2002, Vigeo Eiris measures the performance and risks regarding to six domains of corporate social responsibility: environment, human rights, human resources, community impact, market behaviour and corporate governance (www.vigeo-eiris.com)

ADDITIONAL RESEARCH ON DISPUTABLE ACTIVITIES AND COMPLIANCE TO ENVIRONMENTAL, HUMAN RIGHTS AND LABOUR STANDARDS

The **Ethical Europe Equity Index** will not include stocks of companies:

1. Having a major involvement in the following activities:
 - A. Armament,
 - B. Gambling,
 - C. Tobacco,
 - D. Nuclear.
2. Or not complying with:
 - E. The fundamental ILO convention,
 - F. The fundamental conventions of the UN about human rights.
3. Or having a major involvement in:
 - G. Environmental controversies, allegations or convictions.

A more detailed description of the level of involvement and the exclusion thresholds (based on turnover) are the following:

A. ARMAMENT

| Sub-category | Description | Major Involvement |
|--|--|--|
| Controversial weapons | Involvement in the development, production, maintenance, use, distribution, storage, transportation or trade of controversial weapons: anti-personnel landmines, cluster munitions, biological, nuclear, chemical, blinding laser, incendiary and undetectable fragments weapons. This also covers arms that are not yet regulated by international treaties, but that are subject to stakeholder campaigns and discussions in international institutions regarding possible future regulation (e.g. depleted uranium weapons and white phosphorus weapons). | Always |
| Financing of controversial weapons | Major shareholders ($\geq 3\%$) of any company involved in cluster munitions or anti-personnel landmines. | Always |
| Conventional weapons | Proportion of turnover derived from the production of conventional weapons. These are any weapons that are not controversial. | $>0\%$ |
| Key parts or services for weapons | Proportion of turnover derived from the production of key parts or services for conventional weapons. Key parts include subsystems of the whole weapon system, as well as end products that are essential to weapon systems (e.g. combat equipment). Key services include services that are essential to weapon systems and combat (e.g. communications services and flight simulation training). | $\geq 10\%$ |
| Production or sale of civilian firearms | Proportion of turnover derived from the manufacture or sale of civilian firearms or related products. - Civilian firearms: firearms and associated products destined for use by civilians (hunting, sporting, self-defence etc.) and not primarily by government users (e.g. armed forces, law enforcement agencies or other state-authorized bodies). | $>0\%$ If Type of civilian firearms (see below) = "Firearms or ammunition" or "Semi-automatic weapons" $\geq 10\%$ If Type of civilian firearms = "Key parts" |
| Production of civilian firearms | Proportion of turnover derived from the manufacture of civilian firearms or related products only. | $>0\%$ If Type of civilian firearms (see below) = "Firearms or ammunition" |

| | | |
|----------------------------------|---|--|
| | | or "Semi-automatic weapons" ≥10% If Type of civilian firearms = "Key parts" |
| Type of civilian firearms | Type of civilian firearms or firearms-related products produced or sold (Firearms or ammunition/Semi-automatic weapons/Key parts/General parts). - Firearms or ammunition. - Semi-automatic weapons: weapons that can fire in semi-automatic mode and that present aggressive design that make them look like assault rifles. - Key parts: barrels, optics, stocks, cartridge casings, gun-powders, etc. - General parts: materials, gun cases, locks and safes, cleaning kits and oils, etc. | See above |

B. GAMBLING

| Sub-category | Description | Major Involvement |
|---|--|---|
| Gambling products & services | Proportion of turnover derived from gambling operations or products: - Gambling operations: betting shops, horse and greyhound tracks, licensed bingo halls, casinos, gaming clubs and football pools, online gambling / betting services. - Gambling products: manufacture or supply of gaming or amusement-with-prizes machines, manufacture of parts of gaming machines, supply of IT products specifically designed for use in gambling products, payment solutions for online gambling. | ≥10% If Gambling operations (see below) =0% |
| Gambling operations | Proportion of turnover derived from gambling operations only. | >0% |

C. TOBACCO

| Sub-category | Description | Major Involvement |
|--|--|---|
| Production or distribution of tobacco | Proportion of turnover derived from the production or distribution of tobacco. - Production of tobacco: ownership of tobacco plantations and the manufacture of tobacco products, including revenues from the sale of own products. - Distribution of tobacco: wholesaling and retail of tobacco products manufactured by other companies. | ≥10% If Production of tobacco (see below) =0% |
| Production of tobacco | Proportion of turnover derived from the production of tobacco only. | >0% |

D. NUCLEAR

| Sub-category | Description | Major Involvement |
|------------------------------------|--|---|
| Turnover from nuclear power | Proportion of turnover derived from nuclear power generation and sale, nuclear parts or services, or uranium mining. | ≥5% If it concerns Nuclear power generation AND/OR ≥=10% If it concerns Nuclear power sale AND/OR ≥=10% If it concerns Major nuclear parts and services |

| | | |
|--|--|-----------|
| Nuclear power generation and sale | Type of involvement in nuclear power (Generation/Sales). - Generation: Companies that own or operate nuclear power stations. - Sales: Companies that sell electricity generated in nuclear power plants owned or operated by third parties, i.e. companies purchasing nuclear-generated electricity for resale to their own clients. | See above |
| Nuclear parts and services | Type of products or services provided to the nuclear industry (Major nuclear parts and services/Minor nuclear parts and services/Conventional parts and services). - Major nuclear parts and services: nuclear power reactors, nuclear fuels, control rooms, waste storage. | See above |
| Uranium mining | Owning or operating uranium mines. | > 0% |

E. NON-RESPECT OF ILO CONVENTIONS

Companies must comply with the following fundamental ILO conventions (www.ilo.org):

- 29 Forced Labour Convention, 1930
- 87 Freedom of Association and Protection of the Right to Organise Convention, 1948
- 98 Right to Organise and Collective Bargaining Convention, 1949
- 100 Equal Remuneration Convention, 1951
- 105 Abolition of Forced Labour Convention, 1957
- 111 Discrimination (Employment and Occupation) Convention, 1958
- 138 Minimum Age Convention, 1973
- 182 Worst Forms of Child Labour Convention, 1999

F. NON-RESPECT OF CONVENTIONS ON HUMAN RIGHTS

Companies must comply with the International Bill of Human Rights. This IBHR consists of the Universal Declaration of Human Rights, the International Covenant on Economic, Social and Cultural Rights, and the International Covenant on Civil and Political Rights and its two Optional Protocols. There are 9 core international human rights treaties. Each of these has established a committee of experts to monitor implementation of the treaty provisions by its States parties. Some of the treaties are supplemented by optional protocols dealing with specific concerns.

- International Convention on the Elimination of All Forms of Racial Discrimination (1965)
- International Covenant on Civil and Political Rights (1966)
- International Covenant on Economic, Social and Cultural Rights (1966)
- Convention on the Elimination of All Forms of Discrimination against Women (1979)
- Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment (1984)
- Convention on the Rights of the Child (1989). International Convention on the Protection of the Rights of All Migrant Workers and Members of Their Families (1990)
- International Convention for the Protection of All Persons from Enforced Disappearance (not yet in force)
- Convention on the Rights of Persons with Disabilities (not yet in force)

G. MAJOR INVOLVEMENT IN ENVIRONMENTAL CONTROVERSIES, ALLEGATIONS, CONVICTIONS

Companies which are the subject of serious environmental controversies or accusations or convictions are excluded. Elements that affect the qualification 'serious' are: the scope of the impact; the frequency of accidents; transparency; corrective measures and compensations; cooperation with the authorities, local communities and the victims; adjustments on the level of environmental management systems.