MSCI ESG business Involvement screening research

MSCI ESG Business Involvement Screening Research is a screening service that enables institutional investors to manage environmental, social and governance (ESG) standards and restrictions reliably and efficiently. Managers, advisors and asset owners can access screening research through the online MSCI ESG Manager platform or a data feed to satisfy client investment guidelines, implement client mandates, and to manage potential ESG portfolio risks.

Key features and benefits

Broad coverage universe:

MSCI ESG Business Involvement
Screening Research allows investors
to identify all global publicly-traded
companies involved in activities such as
the production of controversial weapons,
tobacco products, or those that violate
religious screening mandates such as
Catholic or Islamic Values.

Comply with Risk Management standards:

With broad coverage of companies and issues as well as MSCI's robust security data infrastructure, MSCI ESG Business Involvement Screening Research ensures no securities are missed.

Manage legislative requirements:

Using our screening service, investors can comply with sanctions on investments in regions such as Sudan and Iran, and with international conventions on land mines and cluster munitions.

Availability on multiple platforms:

MSCI ESG Business Involvement Screening Research is available on our interactive online platform, ESG Manager and is also integrated within MSCI's BarraOne and Barra PortfolioManager, Factset, and Style Research.

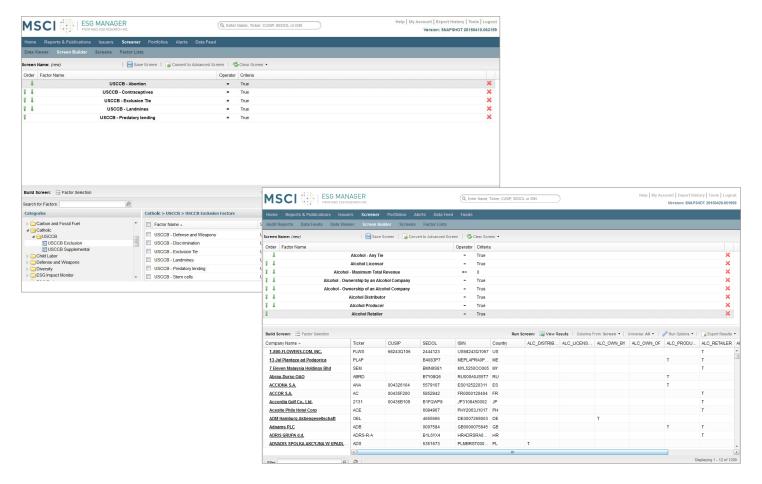
Reduce costs with automated integration:

Data feeds can be integrated into OMS, trading, compliance systems such as APL, Charles River, Latent-Zero, Sentinel, Advent-Moxy, ITG-MacGregor and Vestmark.

Experienced global team:

MSCI ESG Business Involvement Screening Research draws on over 40 years' combined experience based on KLD, IRRC and Innovest, which became part of MSCI following its acquisition of RiskMetrics in June 2010.





Product overview

MSCI ESG Business Involvement Screening Research supports the integration of ESG, business involvement, and company involvement guidelines into portfolio management and is available on the MSCI ESG Manager platform.

Additional bespoke coverage for further issues, screening criteria or universes of coverage is available through MSCI ESG Research's Custom Research team.

MSCI ESG Business Involvement Screening Research is used for:

- Portfolio screening for religious, ethical and other relevant social and environmental criteria.
- Portfolio screening for ESG controvosies and allegations of breaches of international conventions
- Compliance with ESG guidelines, such as the UN Principles for Responsible Investment (UN PRI).
- Integration of client ESG investment and divestment mandates, such as sanctions on investments in Sudan and Iran, and on involvement with the production of land mines and cluster munitions.

Screening examples

- Cluster munitions: MSCI ESG Research's Cluster Munitions screen identifies companies involved in the production of cluster munitions, components, and delivery platforms.
- Landmines: MSCI ESG Research's Landmines Screen identifies companies involved in the production of anti-personnel landmines, components, and anti-vehicle landmines.
- Biological/chemical weapons: MSCI ESG Research's
 Biological / Chemical Weapons Screen identifies companies
 that manufacture biological or chemical weapons (or critical
 components of biological / chemical weapons), which are
 defined as weapons that use pathogens such as viruses,
 bacteria, and disease-causing biological agents, toxins, or
 chemical substances that have toxic properties that kill,
 injure, or incapacitate.
- Depleted uranium weapons: MSCI ESG Research's depleted uranium research identifies publicly traded companies that manufacture weapons, ammunition, and armor made with depleted uranium (DU) and DU alloys. DU is a by-product of the uranium-enrichment process used to make nuclear weapons and nuclear-reactor fuel.



MSCI ESG Business Involvement Screening Research covers the following factors:

Extensive Equity and Fixed Income coverage:

For many screens includes global equity issuers, plus selected fixed income coverage for most screens including:

- · Bond-issuing subsidiaries
- · Corporate bond issuers
- · Government-owned entities that operate as corporations

Business involvement	Global sanctions	Controversies and global norms	Carbon	Sustainable Impact (Positive screening)
 Abortion & contraceptives Adult entertainment Alcohol Animal welfare Catholic, islamic and other religious screens Defense & weapons For profit prisons Fur Gambling Genetic engineering Nuclear power Palm oil Predatory lending Stem cell Tobacco 	 Burma Cuba Iran North Korea Northern Ireland Russia/Ukraine Sudan Syria OFAC Cases SEMA Cases Venezuela 	 Child labor Employee safety Diversity Employee relations Union relations Human rights Environment Customer relations Marketing Product safety UN global compact International Labor Organization (ILO) UN guiding principles on business and human rights 	 Artic oil Direct & indirect carbon emmissions and intensity Fossil fuel reserves Utilities / Power generation Thermal coal exctraction Oil sands extraction 	Environmental impact metrics Social impact metrics



About MSCI ESG Research products and services

MSCI ESG Research products and services are provided by MSCI ESG Research LLC, and are designed to provide in-depth research, ratings and analysis of environmental, social and governance-related business practices to companies worldwide. ESG ratings, data and analysis from MSCI ESG Research LLC. are also used in the construction of the MSCI ESG Indexes. MSCI ESG Research LLC. is a Registered Investment Adviser under the Investment Advisers Act of 1940 and a subsidiary of MSCI Inc.

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