

# RAFI™ ESG Index Series

## SUPPORTS INVESTORS' GOALS OF SOCIAL RESPONSIBILITY AND LONG-HORIZON OUTPERFORMANCE

The RAFI ESG Index strategy helps investors achieve the dual objectives of sustainability and long-horizon outperformance by combining traditional ESG metrics with financial discipline and gender diversity measures and with the proven return engine of the Fundamental Index™ approach.

- Integrates environmental, social, and governance metrics
- Offers potential for improved returns with financial discipline and diversity
- Systematically rebalances to fundamental weight to achieve excess returns

## CORNERSTONES OF RAFI ESG INVESTMENT PROCESS

### Security Selection

Securities are individually ranked by their environment, social, governance, financial discipline, and diversity scores. Companies in the bottom 10% by RAFI weight by each score are removed.

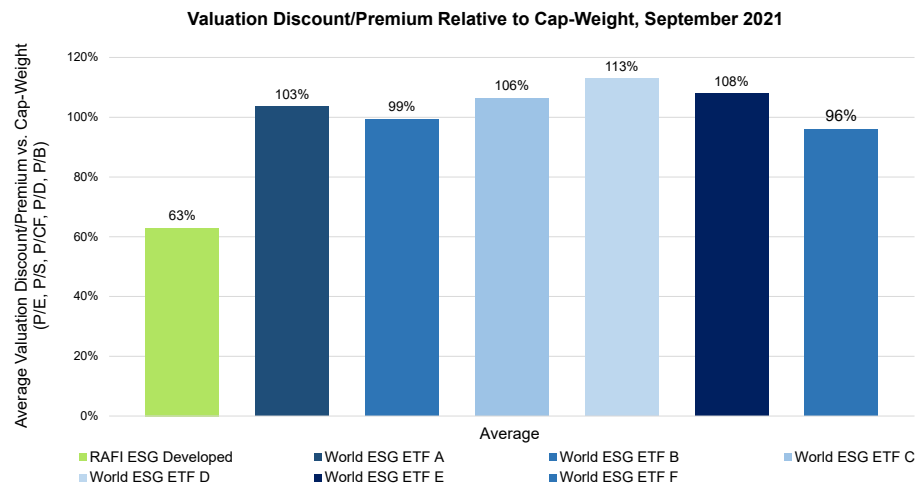
### Exclusions

Companies in the following industries are excluded: fossil fuels,<sup>1</sup> gambling, tobacco, and weapons.<sup>2</sup>

### Weighting

Using fundamental weighting, security positions are based on ESG scores and in favor of more sustainable companies.

## VALUATION OF RAFI ESG VS OTHER ESG INDEX STRATEGIES



Source: Research Affiliates, LLC, based on data from Factset. Cap-Weight benchmark used for analysis is the Solactive GBS Developed Markets Large and Mid Cap Index. Discount/Premiums calculated by taking the average P/E, P/S, P/CF, P/D and P/B ratios relative to cap-weight.

<sup>1</sup> Includes companies that derive greater than 10% of revenue from fossil fuel activities, coal companies, and oil sands.

<sup>2</sup> Includes both controversial weapons and civilian firearms.

## INDEX OVERVIEW

### Expected Outcomes and Benefits

1. The RAFI ESG Index series meets the needs of investors seeking to positively impact environmental, social, and governance concerns.
2. The strategy helps investors achieve the dual objectives of social responsibility and long-horizon outperformance.
3. By supplementing traditional ESG metrics with a focus on financial discipline and diversity, the approach holds the potential to improve index quality, governance, and return.
4. Constructed by applying the Fundamental Index approach, the strategy incorporates the principles of contrarian investing and disciplined rebalancing.

*The RAFI ESG Index strategy promotes sustainability, financial discipline, and gender diversity, while delivering the potential for added returns through a thoughtful smart beta approach.*

Signatory of:



## BENEFITS OF EMPHASIZING FINANCIAL DISCIPLINE AND DIVERSITY

The RAFI ESG Index strategy offers an effective approach for investors who seek increased risk mitigation along with the integration of their sustainability and investment objectives.

We define the elements of ESG practiced by an entity as follows:

- **Responsible Environmental Management** — Performing as a good steward of the natural environment, measured using a broad array of environmental metrics.
- **Active Social Engagement** — Managing relationships with employees, suppliers, customers, and the community with respect and with appreciation of diverse viewpoints.
- **Good Governance Practices** — Focusing on long-term value creation and appropriately balancing the interests of a company’s many stakeholders.

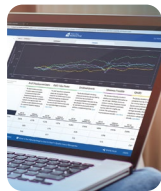
## OUR INTERACTIVE TOOLS



### Asset Allocation Interactive

Estimates of long-term expected returns for 130+ assets and model portfolios across five currencies with the ability to create, save, and blend customized portfolios.

Visit [researchaffiliates.com/aai](https://researchaffiliates.com/aai).



### Smart Beta Interactive

Estimates of expected excess returns over popular benchmarks for 25+ strategies and 15 factor variations with ability to analyze expected excess returns, historical returns, and various risk measures and markets.

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## RELATED RESEARCH

### “The Time Is Now: Climate Transition Investing for US Investors”

Brightman, Kalesnik, Polychronopoulos

April 2021

### “Green Data or Greenwashing? Do Corporate Carbon Emissions Data Enable Investors to Mitigate Climate Change?”

Kalesnik, Wilkens, Zink

January 2021

### “Is ESG a Factor?”

Polychronopoulos, West

July 2020

### “What a Difference an ESG Ratings Provider Makes!”

Li, Polychronopoulos

January 2020

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## RESEARCH AFFILIATES

### At a Glance

**US\$148B\***

in assets managed worldwide using investment strategies developed by Research Affiliates.

### 425+ articles published

Important recognitions include:

#### Graham & Dodd Awards

“What Is Quality?”

“Reports of Value’s Death May Be Greatly Exaggerated”

#### William F. Sharpe Indexing Achievement Award

“Fundamental Indexation”

“Rebalancing and the Value Effect”

#### Bernstein Fabozzi/Jacobs Levy Award

“Alice’s Adventures in Factorland: Three Blunders That Plague Factor Investing”

“A Study of Low-Volatility Portfolio Construction Methods”

## 2002

Founded by Rob Arnott and based in Newport Beach, California.

## FIRM LEADERSHIP

Average of **40 years** in industry experience.



**Rob Arnott**

Partner, Chair



**Chris Brightman, CFA**

Partner, Chief Executive Officer & Chief Investment Officer



**Katrina Sherrerd, PhD, CFA**

Partner, Vice Chair



**Campbell Harvey, PhD**

Partner, Head of Research

\*As of Dec 31, 2022