

Problems with ESG Ratings...

The world of ESG data can be described as subjective, non-standard, self-reported, and unregulated. Attempts to standardize mandate reporting over time while defining materiality with respect to sustainability practices have met with little success. Thus, extreme inconsistency is the norm.....

Today's ESG Ratings are.....

- **SUBJECTIVE**
- **NON-STANDARDIZED & SELF-REPORTED**
- **IRREGULARLY UPDATED**
- **INCONSISTENT**

OWL ESG is Raising the Standard of ESG Data



Company founded to create sustainably focused investment vehicles (2012)



Uncovered wide dispersion of ESG data while developing investment strategies



Applied data-science to normalize disparate ESG data points by consensus (2013)



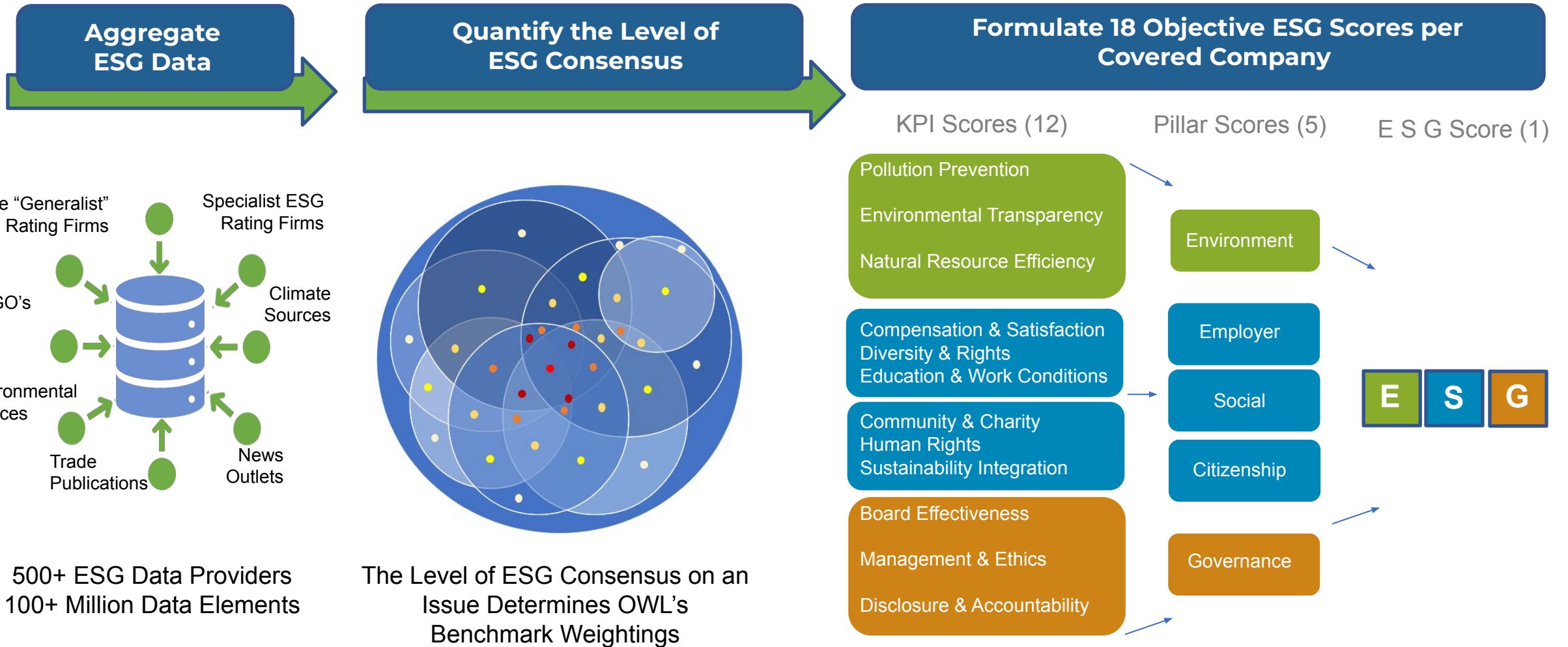
Launched Machine-Learning application to gather ESG data electronically (2022)

OWL ESG Consensus Scores provide solutions:

- **OBJECTIVELY SOURCED:** +500 ESG Data Providers incl 14 well known ESG Vendors
- **BROAD GLOBAL COVERAGE:** Industry Best Global Coverage = 30k Companies
- **FRESHLY UPDATED:** Monthly updates = more actionable ESG Scores & Metrics

The Better Outcome is Having a Consensus ESG Score that Delivers an Agnostic “Market View”

Analogous to how IBES Pioneered Bank Research Aggregation into Consensus Earnings Estimates



OWL ESG Consensus Scores – Employer/Social/Citizenship KPI's

E	S		G
Environmental	Employer	Citizenship	Governance
E1 Pollution Prevention	EMP1 Compensation & Satisfaction	CIT1 Community & Charity	G1 Board Effectiveness
E2 Environmental Transparency	EMP2 Diversity & Rights	CIT2 Human Rights	G2 Management Ethics
E3 Resource Efficiency	EMP3 Education & Work Conditions	CIT3 Sustainability Integration	G3 Disclosure & Accountability

✦ Diversity & Rights – EMP2
Measures how well a company is managing its' risks and opportunities related to the diversity and rights of the workforce.

✦ Education & Work Conditions – EMP3
Measures how well a company is managing its' risks and opportunities related to employee education and work conditions.

Community & Charity – CIT1
Measures how well a company is managing its' risks and opportunities related to how they treat the communities in which they do business.

Human Rights – CIT2
Measures how well a company is managing its' risks and opportunities related to human rights issues.

Positive Impact – EMP2 Example
Companies with higher EMP2 scores than peers demonstrate dedication towards increasing diversity in their workforce and ensuring workplace rights.

Positive Impact – EMP3 Example
Companies with higher E2 scores than peers are more dedicated to the advancement of their employees and providing healthy and safe work conditions.

Positive Impact – CIT1 Example
Companies with higher CIT1 scores than peers demonstrate a dedication to improving the communities in which they do business, including giving to charity and supporting charities through volunteering.

Positive Impact – CIT2 Example
Companies with higher CIT2 scores than peers demonstrate better human rights track-records and often put substantial effort into reducing the human rights violations within their supply chains.

Asset Owners benefit from working with Zeno Abel Noser's Platform powered with OWL ESG Consensus Score Data.....

Category	Other ESG Ratings Vendors	OWL ESG	Wisdom of the Crowd Benefit
Data	Less Data, Manually collected by Human Analysts	More Data, Employing Big Data Analytics	More ESG Data at the Company Level
Viewpoint	Single Viewpoint	Consensus Viewpoint	Collective Intelligence that Evolves Over Time
Process	Subjective Analysis	Objective Optimization	Statistical Optimization reduces Subjectivity & Error
Frequency	Yearly/Annual Updates	Monthly Updates	Fresh Updated Data Resulting in More Actionable ESG Scores & Metrics
Coverage	Less Coverage (more modeling)	More Coverage (Industry Best)	Better Integration with Risk Models, Superior Index Coverage

"It's the collective judgment of crowds and their intuitions that we should be respectful of."

- James Surowiecki, *The Wisdom of Crowds*