



Appian for Environmental, Social, and Governance (ESG)

Organizations everywhere are facing growing pressure from consumers, investors, and stakeholders to promote more responsible practices. ESG initiatives have quickly become a top priority across industries.

ESG is an approach to evaluating the extent to which a corporation works to meet ethical and sustainable standards. This is dependent on a variety of factors:

Environmental	Social	Governance
<ul style="list-style-type: none">• Carbon emissions• Waste and pollution• Water consumption• Energy usage• Clean tech• Efficient buildings• Climate change and sustainability• Biodiversity	<ul style="list-style-type: none">• Health and safety• Diversity, equality and inclusion (DEI)• Labor standards and human rights• Community relations• Privacy and data security• Responsible sourcing• Workplace conditions	<ul style="list-style-type: none">• Regulatory compliance• Business ethics• Cybersecurity and data protection• Executive compensation• Board structure• Bribery and corruption oversight• Shareholder rights• Audits and internal controls

Organizations must gain heightened visibility into all ESG data elements across business areas, validate against changing ESG criteria, and quickly adapt attributes into operational processes to ensure compliance.

With the Appian Low-Code Platform, organizations can quickly build apps and workflow to do the following:

- **Adapt to evolving regulations.** Quickly address evolving ESG criteria, including managing changes to processes, inputs collected, and reporting designations.
- **Gain a unified view of ESG performance.** Easily capture and manage internal and external ESG-related data with a unified 360-degree view to determine ESG risks, track performance, and improve reporting efforts.
- **Embed ESG within operational processes.** Orchestrate people, systems, data and bots in a single workflow to action ESG-related processes and activities within operations (e.g. carbon impact at time of a purchase decision).

- **Leverage intelligent ESG recommendations.** Using RPA, AI, and machine learning to automatically ingest and populate large volumes of ESG data with improved accuracy and efficiency, while using intelligent recommendations to pinpoint opportunity areas.
- **Connect with internal and external ESG data sources.** Interface with multiple pre-existing data systems to view all relevant data in a centralized place. Connect with virtually any third party data source, including ratings, benchmarks, and analytics providers.
- **Ensure visibility and control.** Applications make it seamless to share ESG status with stakeholders, the board, investors, and regulatory agencies to support audits, meet compliance, improve ratings, and escalate issues, while maintaining the highest level of data security.

Organizations are streamlining their ESG initiatives with Appian.



ESG tracking and reporting. With Appian, EDP Renewables North America has developed a suite of ESG applications that allows for real-time performance visibility, auditing, workflow assignments, and reporting. Data collection is integrated with existing operations and covers a wide range of ESG performance areas, including utility usage, social investments, biodiversity, contractor registration and reporting, and supplier qualification.



Capital carbon calculation. A UK water company uses the Appian platform to capture and track capital carbon information from their materials, assets, and construction processes as part of their total expenditure delivery workflow. The application provides a summary of their investments, operational carbon values, and carbon hotspots. As of 2020, the organization had achieved a 61% capital carbon reduction on its 2010 baseline, which has a direct relationship with reduced cost.



ESG data collection. A top credit rating company uses Appian as the backbone to their global ESG Ratings solution. Appian collects data through analyst questionnaires, orchestrates approval workflows, and analyzes entities, frameworks, and financial instruments to generate a recommended ESG score. The improved data and processes will allow growth to tens of thousands of ESG ratings.



Environmental and Social Risk. A multinational investment bank uses Appian to automate their Environmental and Social Risk (ESRM) due diligence processes. The solution provides transaction deal intake and routing, assessment management, and final approvals from the ESG committee. There is a centralized 360-degree view of all relevant data, risk questionnaires, KPI metrics, and audit of each step in the process.

Executing ESG effectively can affect operating profits by as much as 60%.

McKinsey, Five Ways that ESG Creates Value.

Learn more at appian.com

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