Advaiya ESG Board

Advaiya
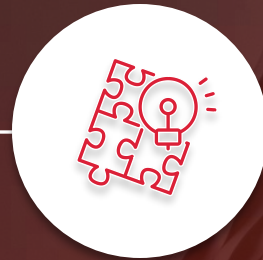## Making Technology Work

Tailored digital transformation solutions

Services verticals

- EPC/AEC
- Energy, utilities, and infrastructure
- Professional services
- Manufacturing
- Education and non-profits

Representative solutions

- Customer engagement
- Work and operations management
- Leveraging data

Technology expertise

- Business Applications
- Analytics
- Cloud

Advaiya
Making Technology Work

Microsoft Solutions Partner

Great Place To Work® Certified
SEPT 2022 – SEPT 2023
INDIA ™

sitecore
Silver Partner

Our promise
Competence
Context
Care

Over **17** years
enterprise IT, consulting and marketing experience

2013
restructured with solutions focus
2005 Advaiya is founded

450+
Successful implementations

Locations
Bellevue
Udaipur
Mumbai
New Jersey

Purpose led – Understanding our customer's **business purposes** and **goals**, and providing **relevant services** to meet those **desired outcomes**

Partnerships – Building partnerships with leading technology firms enabling **strategic value for clients** via relevant **relationships, knowledge, and expertise**

Cost effective scaling - Competitive pricing along with the proven ability to provide **capacity and scale**, and **adapt** to the needs of our customers

Flexibility – Unique model that allows us to work with clients as a **vendor, valued partner**, and a **trusted advisor**

Process maturity – Our **mature processes** ensures providing visibility and control, effective and timely execution, and high quality delivered

Extensive experience - Proven track record for relevant **solutions enablement** and **services IP** creation

Technology expertise – Expertise in working on **leading edge technologies** and **unique learning** model to **quickly** gain **context**

Design – Intrinsic to our all deliverables with focus on usability and esthetics, such that our work products appeal to customers

Agenda

- Solution Brief
- Challenges
- About ESG Board
- Key features
- Data capture by stakeholders
- Automate data capture
- Verification By Central Team
- Dashboard & Reports

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Making Technology Work

Advaiya ESG Board

Enhance efficiency of ESG reporting and GHG emission data to meet compliance and regulatory mandates by the <<governing bodies>> through implementing the Advaiya ESG Board App.

Accurately collecting, analyzing, and disclosing emissions data

Facing regulatory scrutiny, stakeholder pressure, and potential reputational damage, it's crucial for enterprises to calculate their greenhouse gas (GHG) emissions accurately. The ESG board application empowers companies to collect data effortlessly, automate emissions calculations, track progress, identify exceptions, and focus on impact, not paperwork. By leveraging the ESG board, companies can not only meet compliance requirements but also actively reduce their environmental footprint and demonstrate their commitment to sustainability.

Primary challenges

Ideal solution

Desired outcomes

Accurately collecting, analyzing, and disclosing emissions data is primary challenge for organizations

Gathering accurate data across diverse operations and applying the correct emission factors tailored to specific activities, emitted gases, geographic locations.

Effortlessly collect data through user-friendly interfaces and generate comprehensive emissions reports and dashboards with automatically calculated emissions based on your configured data

Advaiya ESG Board

ESG Board is a comprehensive ESG tracking solution that empowers organizations to streamline data collection, automate emissions calculations, and gain insights into their ESG performance.

Data capture by stakeholders

Allow stakeholders to submit monthly ESG data directly into a portal. System will keep the user history and timestamp of stakeholders and central team.

Enhanced audit and action tracking

Admins can thoroughly audit data based on user remarks and uploaded attachments, enhancing data integrity and accountability.

Dashboard & Reports

Fully automated emission calculations using various emissions factors. Bring ESG data from across the enterprise to create comprehensive ESG reports with reporting

The Advaiya ESG Board App

The Advaiya ESG board app aims to standardize the data collection process, automate emissions calculations, track progress, identify exceptions, and report on ESG. It brings ESG data from across the enterprise to create comprehensive ESG reports with reporting.

Our solution

The Advaiya ESG board app, simplifies data collection process, eliminate manual calculations and ensure accuracy and consistency. Gain real-time insights into your emissions and easily identify areas for improvement.

Why it works better

Our app automated processes replace tedious spreadsheet-based data collection, aggregation, analysis, and reporting. Automated verification and audit trails ensure data accuracy and reliability, building trust with stakeholders.

Proof of Delivery

By leveraging ESG board, companies can not only meet compliance requirements but also actively reduce their environmental footprint and demonstrate their commitment to sustainability.

Solution Brief

Facing regulatory scrutiny, stakeholder pressure, and potential reputational damage, it's crucial for enterprises to accurately calculate their greenhouse gas (GHG) emissions. The ESG Board application empowers companies to:

- **Effortlessly collect data:** Simplify the data collection process and ensure comprehensive coverage.

- **Automate emissions calculations**: Eliminate manual calculations and ensure accuracy and consistency.

- **Track progress and identify exceptions**: Gain real-time insights into your emissions and easily identify areas for improvement.

- **Focus on impact, not paperwork**: Free up resources from tedious data management and dedicate them to impactful initiatives.

By leveraging ESG Board, companies can not only meet compliance requirements but also actively reduce their environmental footprint and demonstrate their commitment to sustainability.

Challenges: Data Collection

Accurately collecting, analyzing, and disclosing emissions data is critical for organizations. However, complex operations and intricate sites pose significant challenges:

- **Data collection:** Gathering comprehensive and accurate data across diverse operations can be time-consuming and resource-intensive.

- **Methodology**: Choosing and implementing the appropriate methodology is crucial for ensuring data auditability and regulatory compliance.

- **Emission factors**: Applying the correct emission factors tailored to specific activities, emitted gases, geographic locations, and dates is essential for precise calculations.

- **Reporting**: Generating external reports often requires manual effort and is prone to errors, delaying the reporting process.

These challenges can hinder transparency and limit an organization's ability to track progress, identify reduction opportunities, and demonstrate its commitment to sustainability.

Challenges: Turn data into insights

Even after collecting valuable emissions data, many companies struggle to transform it into actionable insights that drive reductions in both emissions and energy consumption. Several key challenges hinder this process:

- **Limited data integration**: Siloed data across different sites and operations makes it difficult to consolidate information and gain a holistic view of emissions performance.

- **Inflexible reporting**: Rigid reporting restrict the ability to analyze data in different ways and perform scenario analysis.

- **Inability to predict future emissions**: Without effective forecasting capabilities, organizations lack the foresight to proactively prevent emissions and make informed decisions about future investments and strategies.

These limitations leave companies with a reactive approach to emissions reduction, limiting their ability to achieve significant and sustainable progress

Challenges: Exception Tracking

ESG data often originates from diverse internal and external sources, posing a significant challenge to data quality and reliability. This leads to several key complications:

- **Inconsistent data**: Variations in data formats, definitions, and methodologies across different sources can create inconsistencies and hinder accurate analysis.
- **Incomplete data:** Missing or incomplete data gaps can lead to inaccurate calculations and limit the ability to track progress and identify improvement opportunities.
- **Misleading insights:** Unreliable and incomplete data can generate misleading exceptions, obscuring the true picture of an organization's ESG performance and hindering effective decision-making.

These challenges necessitate robust data governance practices and advanced data management solutions to ensure consistency, completeness, and reliability throughout the ESG data lifecycle.
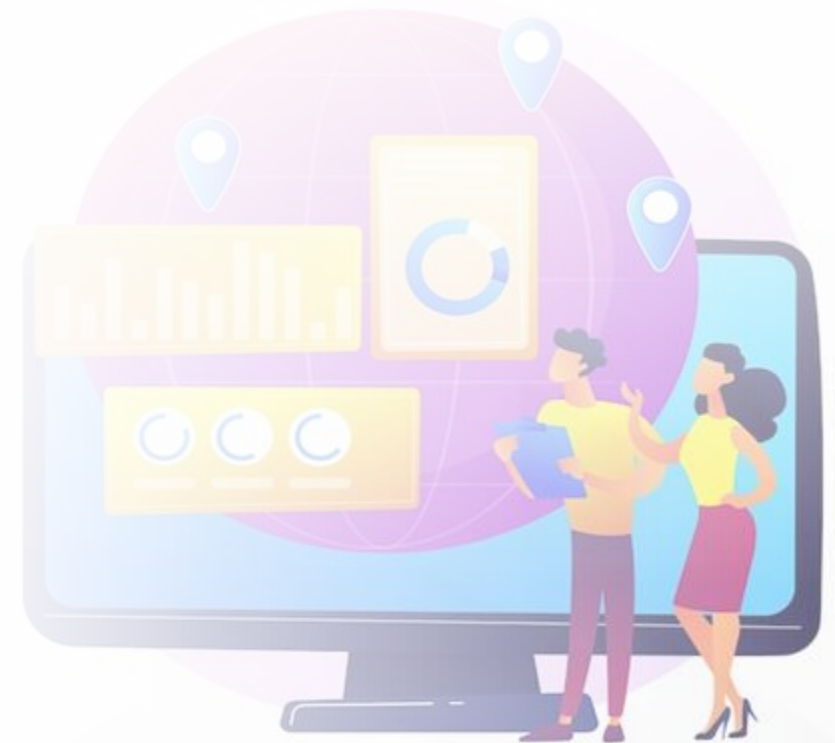
About ESG Board

ESG Board is a comprehensive ESG tracking solution that empowers organizations to streamline data collection, automate emissions calculations, and gain real-time insights into their ESG performance.

With ESG Board, you can:

- Eliminate manual drudgery: Automated processes replace tedious spreadsheet-based data collection, aggregation, analysis, and reporting, freeing up resources for strategic initiatives.

- Enhance data integrity: Automated verification and audit trails ensure data accuracy and reliability, building trust with stakeholders.

- Accelerate ESG progress: Centralized task and issue tracking helps you focus on exceptions and improvements, accelerating the achievement of your ESG goals.

Key Features

- **Streamlined data collection**: Effortlessly collect data through user-friendly interfaces designed for efficiency and accuracy.
- **Automated emissions calculations**: Generate comprehensive emissions reports and dashboards with automatically calculated emissions based on your configured data.
- **Flexible segmentation**: Configure segments like Scope 1, Scope 2, and Scope 3, and track relevant KPIs to gain deeper insights into your emissions profile.
- **Configurable emission factors**: Configure the appropriate emission factors specific to your activities, emitted gases, geographic location, and date for precise calculations.
- **Enhanced auditability**: Track data verification, audit trails, and exceptions to ensure compliance and identify improvement opportunities.

Data capture by stakeholders

Allow stakeholders to submit monthly ESG data directly into a portal.

- **Access based**: Stakeholder visibility, master access to central team
- **Attachment** upload functionality for verification.
- **Remarks** for justification inputted data.
- Download the data in excel format.

System will keep the user history and timestamp of stakeholders and central team.

Automate data capture

▲ Eliminate manual data entry: Stakeholders can upload pre-filled Excel templates for various monthly KPIs, reducing the burden on individual contributors and streamlining the reporting process.

▲ Effortless information gathering: Templates pre-configured with relevant fields ensure efficient data collection from various users.

▲ Streamlined data submission: Stakeholders submit a single consolidated Excel file containing all monthly KPI data, eliminating the need for manual aggregation.

▲ Enhanced efficiency: By automating data entry and aggregation, ESG Board significantly reduces manual workload and frees up valuable resources for strategic initiatives.

▲ Focus on analysis: Stakeholders can dedicate their time to analyzing insights and driving improvements, rather than managing tedious data collection and entry.
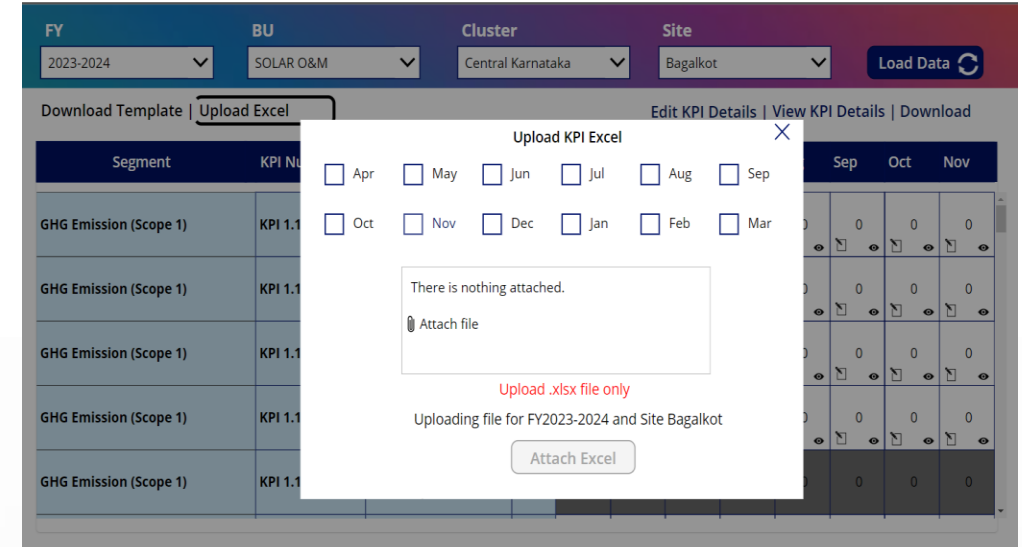
Enhanced audit and action tracking with ESG Board:

- Real-time data updates: Stakeholders receive automatic notifications once all users have entered data, ensuring immediate access to complete information.

- Comprehensive audit trails: Admins can thoroughly audit data based on user remarks and uploaded attachments, enhancing data integrity and accountability.

- Proactive risk identification: The system automatically identifies potential risks based on audit findings, logging them as actionable items for prompt resolution.

- Centralized action item management: Track progress on all action items within the system, ensuring timely completion and addressing identified risks effectively.

- Detailed audit history: Maintain a complete audit history for all data entries, actions, and risks, providing complete transparency and accountability.

Dashboard & Reports

- Dashboard to view the data in Power BI reports.
- Centralized dashboards for strategic planning.
- Designed workflow will process the data.
- Fully automated emission calculations using various emissions factors.
- Bring ESG data from across the enterprise to create comprehensive ESG reports with reporting.
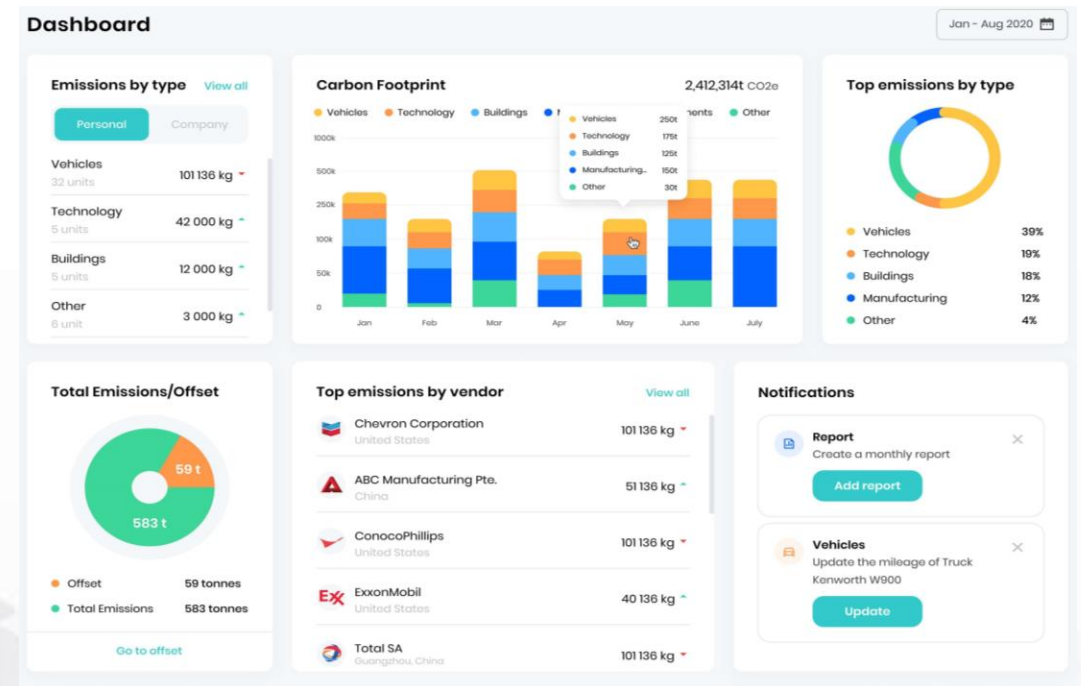
AI enabled ESG data analysis

- Data submitted by stakeholders is checked using AI to guarantee that the ESG data provided does not exceed the maximum limit of KPIs.

- AI recognizes potential dangers based on ESG values and alerts the administrator to appropriate steps.
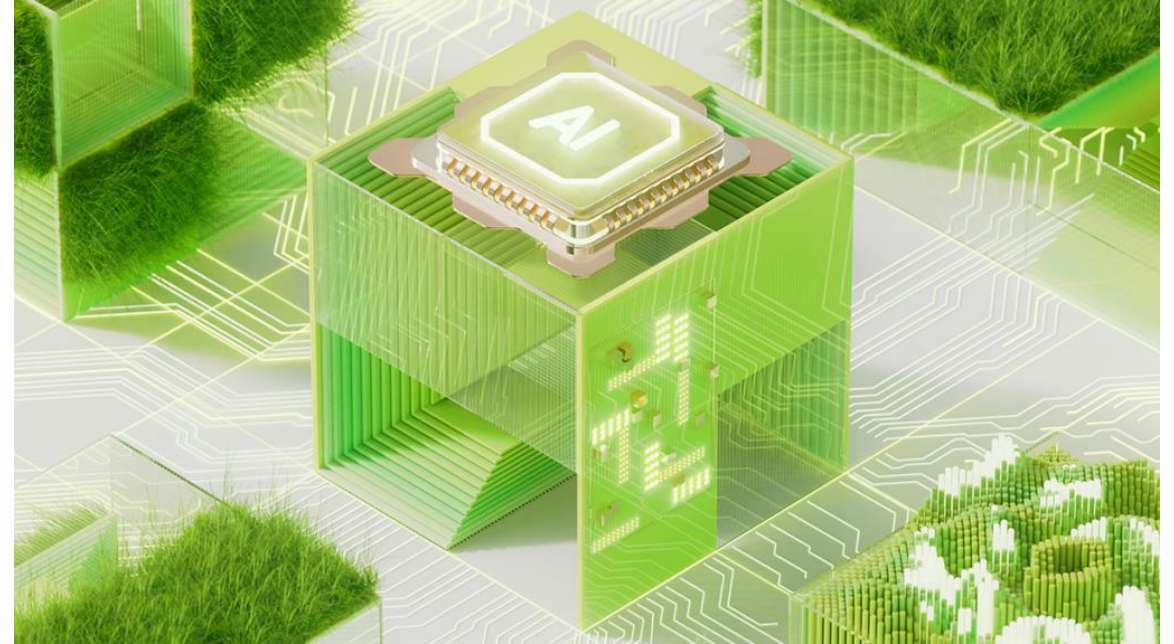
Customer success: Adani Green Energy's ESG Team enabled with the ESG Board App

The ESG board app enabled Adani Green Energy to streamline data collection, automate emissions calculations, and gain real-time insights into their ESG performance.

▶ **Streamlined data collection**

Effortlessly collect data through user-friendly interfaces designed for efficiency and accuracy.

▶ **Automated emissions calculations**

Generate comprehensive emissions reports and dashboards with automatically calculated emissions based on your configured data.

▶ **Configurable emission factors**

Configure the appropriate emission factors specific to your activities, emitted gases, geographic location, and date for precise calculations.
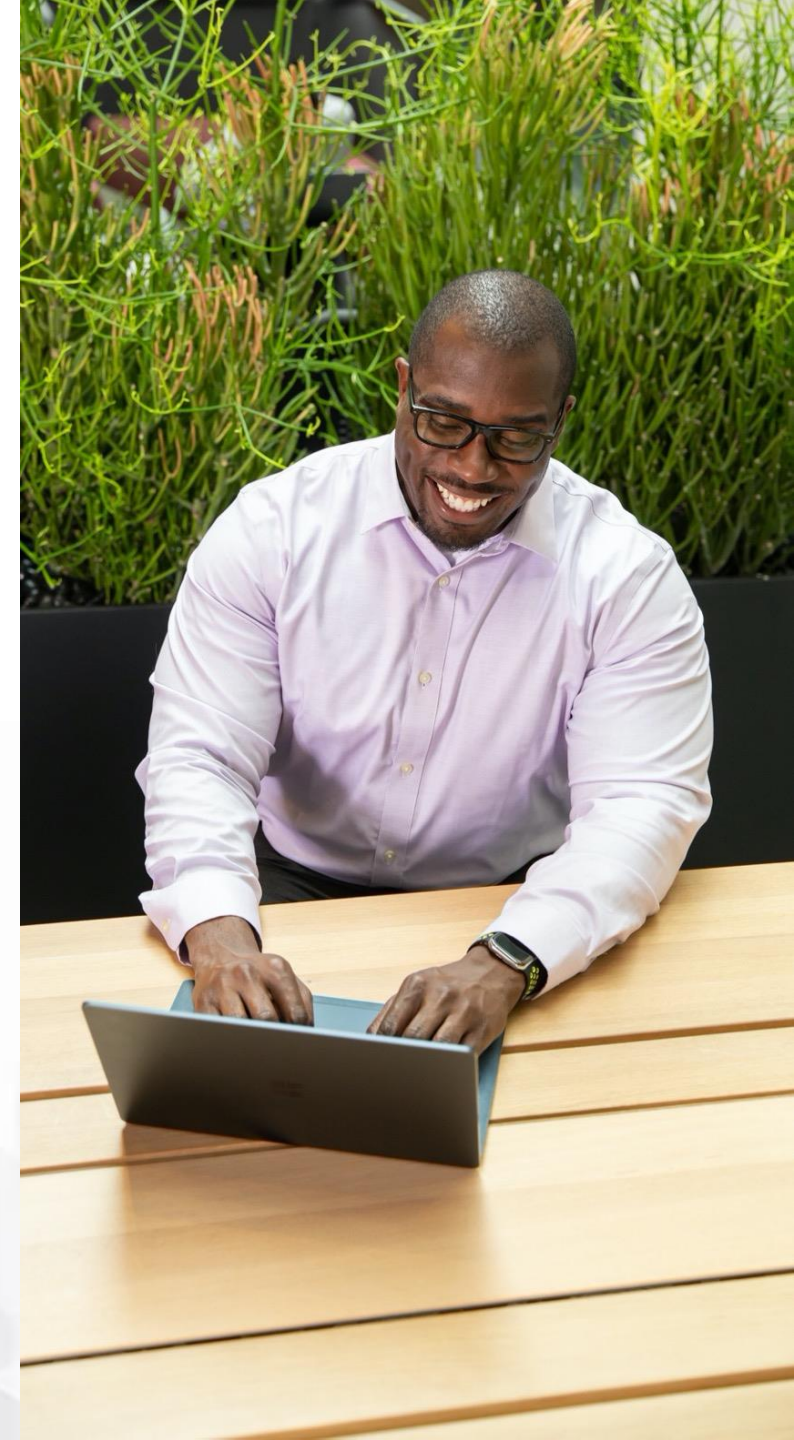
Advaiya ESG Board 4-week implementation plan

Week 1

- Discovery Sessions to define scope, and objectives of the ESG Board.
- Identify the key stakeholders, roles, and responsibilities.
- ESG Board Master Data configuration

Week 2

- ESG Board Site User Interface Setup
- ESG Board HO User Interface Setup
- ESG Board Portal Admin User Interface Setup

Advaiya ESG Board 4-week implementation plan

Week 3

- Monthly Completion Report
- All BU, All Cluster, All Site Report
- Site User Status Report

Week 4

- GHG Emission Calculation Setup
- GHG Emission Scope 1 Report Setup
- GHG Emission Scope 2 Report Setup
- GHG Emission Scope 3 Report Setup

Post-Implementation Support Activities

- Step by step User Role based manual
- User Training
- Monitoring and Performance Optimization
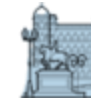- Technical Support

Our Clientele

Get in Touch!

Advaiya Solutions, INC.

14575 NE Bel Red RD14
STE 201, Bellevue WA, USA
Phone : +1 (425) 256 3123

Advaiya Solutions Pvt. Ltd.

G14-17, IT Park, MIA Extension
Udaipur, India 313002
Phone : +91 22 6259 0570

Udaipur

Mumbai

New Jersey

Bellevue

connect@advaiya.com

www.advaiya.com