

ESG Book Pilot Project*

*For the Single Access Point for ESG Data (SAFE) Platform.

esgbook



Sustainable Finance
Institute Asia



The Problem with ESG Data Today: Addressing the pressing need for Comprehensive and Scalable Solutions

01

ESG Data Requirements

- ESG data is increasingly critical to conduct robust sustainability and climate risk assessment and management, meet regulatory reporting requirements, and track progress towards commitments
- Demand is growing for single access point solutions to streamline ESG management, disclosure and monitoring.

02

Inefficient Data Sourcing

- Multiple, non-harmonized data templates that do not fully align with FI needs
- Inefficient sourcing of data, with multiple, divergent, non-structured data sources that lack comparability and verification
- Data collection and validation performed by multiple FIs in parallel, which is inefficient and costly

03

Reporting Burden for Companies

- Companies receiving many data requests from multiple FIs in different formats, resulting in client burden from fragmented non-harmonized outreach for data collection
- Disclosure mechanism not centrally managed but spread across templates and files

Our Vision

To transform finance through sustainability by making ESG data **accessible, comparable,** and **transparent.**

Who we are

Launched in 2018, ESG Book's wide range of cloud-based sustainability products and solutions are used by many of the world's leading financial organisations which collectively manage over \$120 trillion.



A global team of over 200 ESG and technology professionals.



Offices in London, Frankfurt, Boston, New York, Singapore, Delhi and Tokyo.



Trusted by the world's largest financial organisations.



Signatory of the UN Global Compact; approved 'science-based target SBTi'.



Supported by a world-class coalition of investors.

ESG Book by the numbers

450+ ESG Metrics

50,000+ Companies Covered

15M Data Points Processed Daily

15,000+ ESG Book Users

145,000+ Disclosures on Platform

Our Solutions

Connecting corporates and financial institutions by building innovative solutions for better ESG data management, disclosure, and analytics.

ESG and Climate Data



Gain access to ESG data for over 50,000 companies worldwide. Combining analyst research with AI, ESG Book covers over 450 data points per company, mapped against leading frameworks.

ESG and Climate Analytics



ESG Book provides access to a suite of market-leading sustainability analytics that enable clients to gain deeper insights into ESG risks and opportunities, along with a range of products to meet regulatory requirements.

ESG Technology



Through a SaaS data management platform, ESG Book enables access to over 145,000 corporate disclosures, delivered via API technology for seamless integration. Disclosure capability for public and private companies.

INVESTMENT SOLUTIONS



ESG REPORTING AND CLIENT ENGAGEMENT



ESG RISK MANAGEMENT AND REGULATORY COMPLIANCE



CORPORATE ESG MANAGEMENT



STRATEGIC PARTNERSHIPS



Globally Recognized Data Provider

ESG Book is trusted by the world's leading financial institutions, corporates and investors. Our solutions make sustainability data and technology widely available and comparable for all stakeholders.

ESG Book is part of BNM-SC's JC3 Climate Data Catalogue provider, serving as a source of reference on climate and environmental data for the financial sector to collectively improve the availability and accessibility of climate data.

ESG Book's capabilities in framework construction and data collection can help financial institutions in Malaysia streamline efforts to capturing and monitoring data – especially from SMEs.

Our strong sustainability and technology expertise help financial institutions in Malaysia better identify material risks and growth opportunities to support investment and lending decisions.



Joint Committee
on Climate Change



BANK NEGARA MALAYSIA
CENTRAL BANK OF MALAYSIA

World-leading ESG solution

Uniquely combining real-time sustainability data with a cloud-native disclosure platform.

01

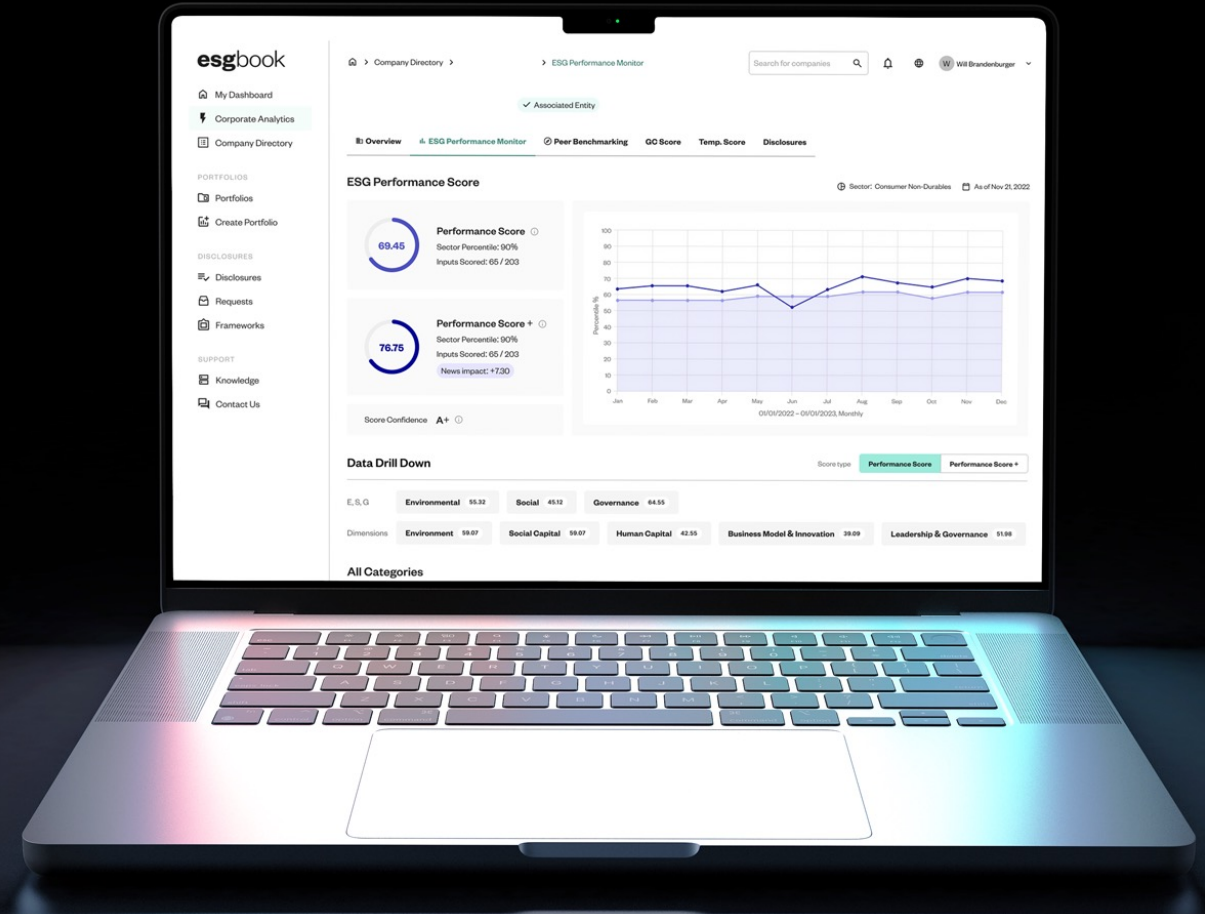
With over 145,000 disclosures, ESG Book's platform provides clients with pre-populated data and analytics on public securities, as well as the ability to directly request ESG disclosures from private companies.

02

ESG Book's products are integrated into every leading financial data platform in the world, including Bloomberg and FactSet.

03

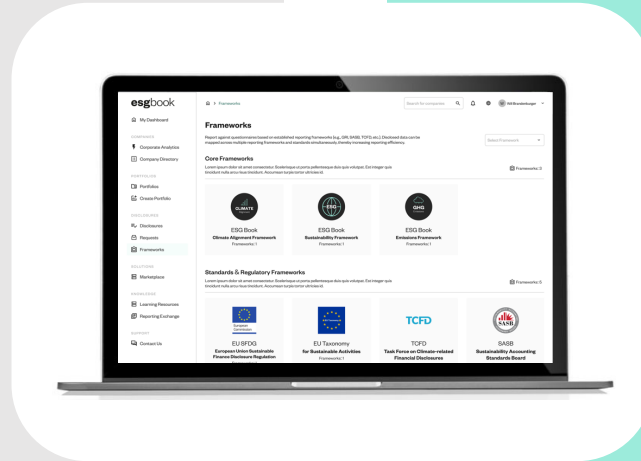
ESG Book's platform provides full data disclosure, with the ability to click through from scores to raw data to source documentation, together with benchmarking capabilities and tools to identify disclosure gaps.



ESG Book's disclosure platform provides a centralized solution for financial institutions and corporates

FI USERS

- One **centralized place** to manage and track clients' progress on disclosure requests
- Aggregate and analyze **client ESG data** in portfolios
- **Pre-population** with public data; access to source documents on platform
- **Managed access**; share access to client data with relationship managers, data analysts, and risk managers within the FI as required



CORPORATE USERS

- Manage multiple **sustainability data requests** from banks
- Structured **disclosure process** with additional guidance and support
- Reduce reporting burden by **mapping data to multiple frameworks** and standards
- Permissions functionality to grant access to **private disclosures** to individual FIs
- Compatible with **global standards** and other ongoing initiatives



Technology Benefits

- **Technology efficiency** for compute and data storage on one cloud platform
- **Speed to market**; no on-premise build required
- **Secure data hosting and security** provided through partnership with Google Cloud

Supporting FIs



ESG Integration

- Data and screening solutions to integrate ESG criteria into investment process
- Client engagement and reporting
- Stewardship solutions



Product Development

- New investment/index solutions
- Thematic data solutions, e.g. water, circularity
- Integration in research process



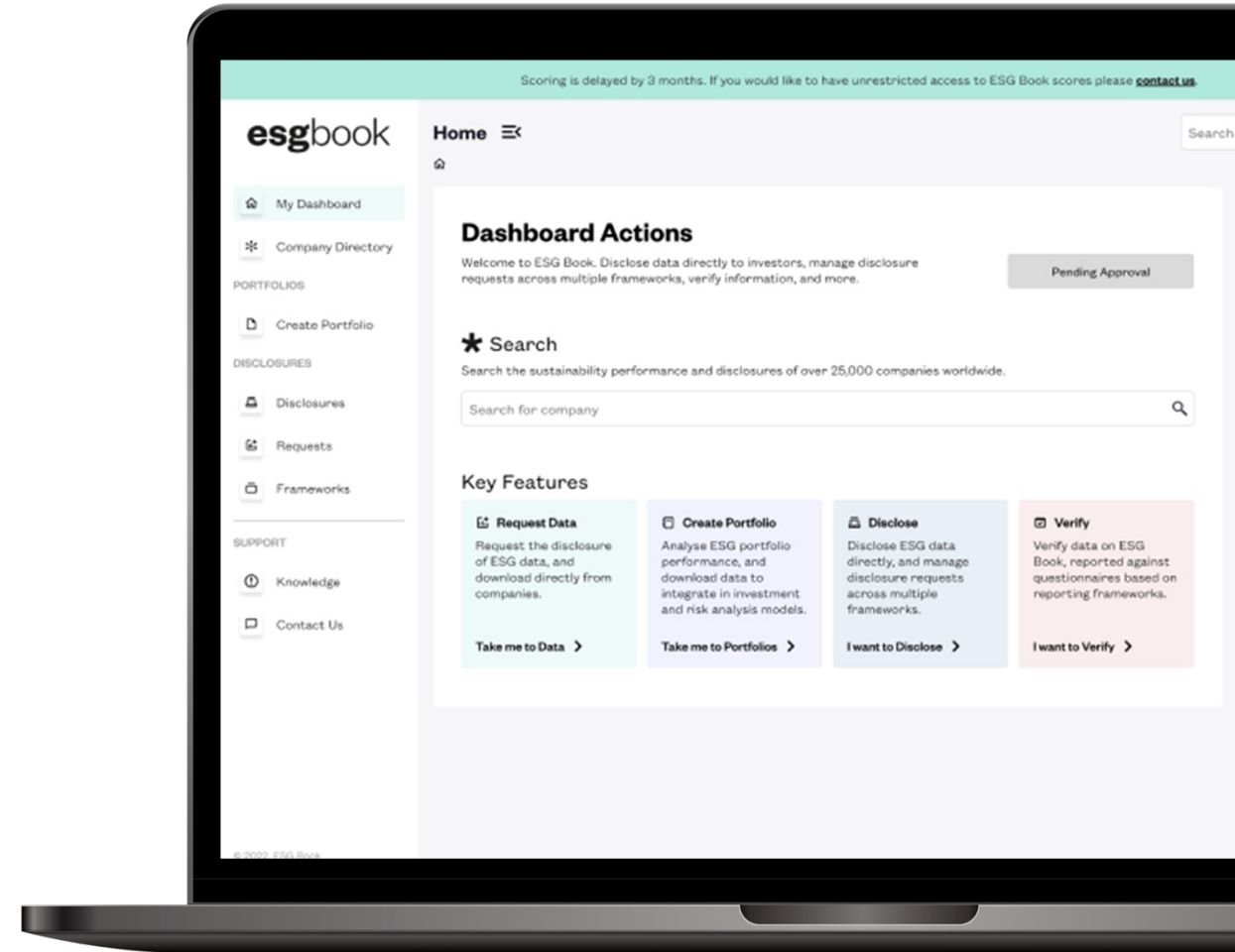
Climate Analytics

- Emissions footprint
- Net zero alignment
- Climate risk management



Risk Management & Regulatory Compliance

- ESG risk management
- Portfolio monitoring
- Regulatory reporting



Supporting Corporates



ESG Assessment

- ESG rating with full data traceability for public and private companies
- Rating simulation
- Materiality assessment



ESG Benchmarking

- Peer benchmarking across 145,000+ corporate disclosures
- Gap analysis



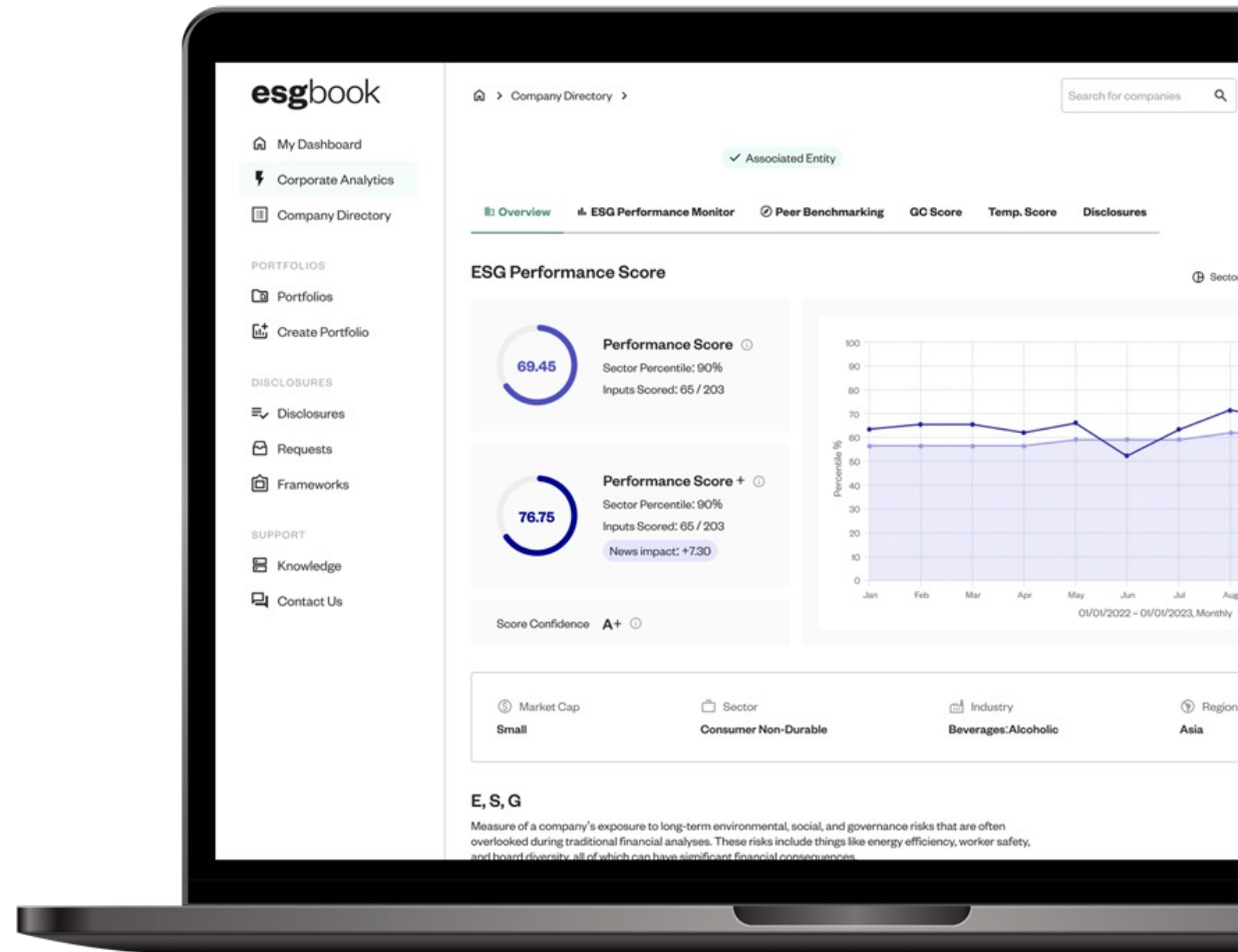
Disclosures

- ESG disclosures and regulatory reporting
- ESG data management with reference library
- Framework mapping across 90+ sustainability frameworks



Investor Engagement

- Investor reporting and engagement
- Protected sharing of data with equity and debt investors

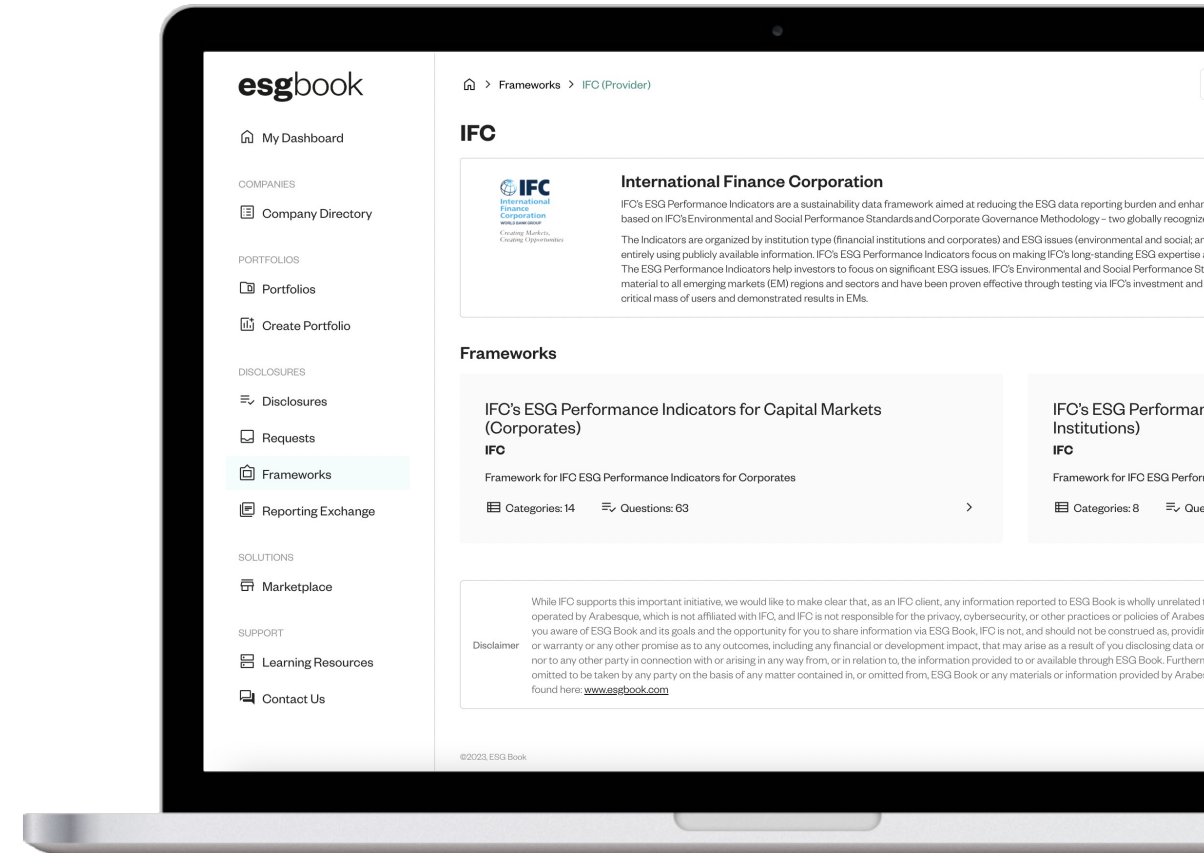


Case Study: IFC Partnership

Assessing the performance and sustainability of EM corporations through ESG Book.

5-year partnership with IFC designed to augment ESG data access in Emerging Markets

- IFC has partnered with ESG Book to assess the performance and sustainability of EM corporations, encouraging bond issuers in emerging markets to disclose material ESG information.
- ESG Book is collecting and making available ESG information, using the IFC performance indicators, on the ESG Book platform.
- The ESG data collected using the IFC performance indicators on ESG Book is made available as a public good for the financial community and other stakeholders.



Case Study: Global Industry Utility

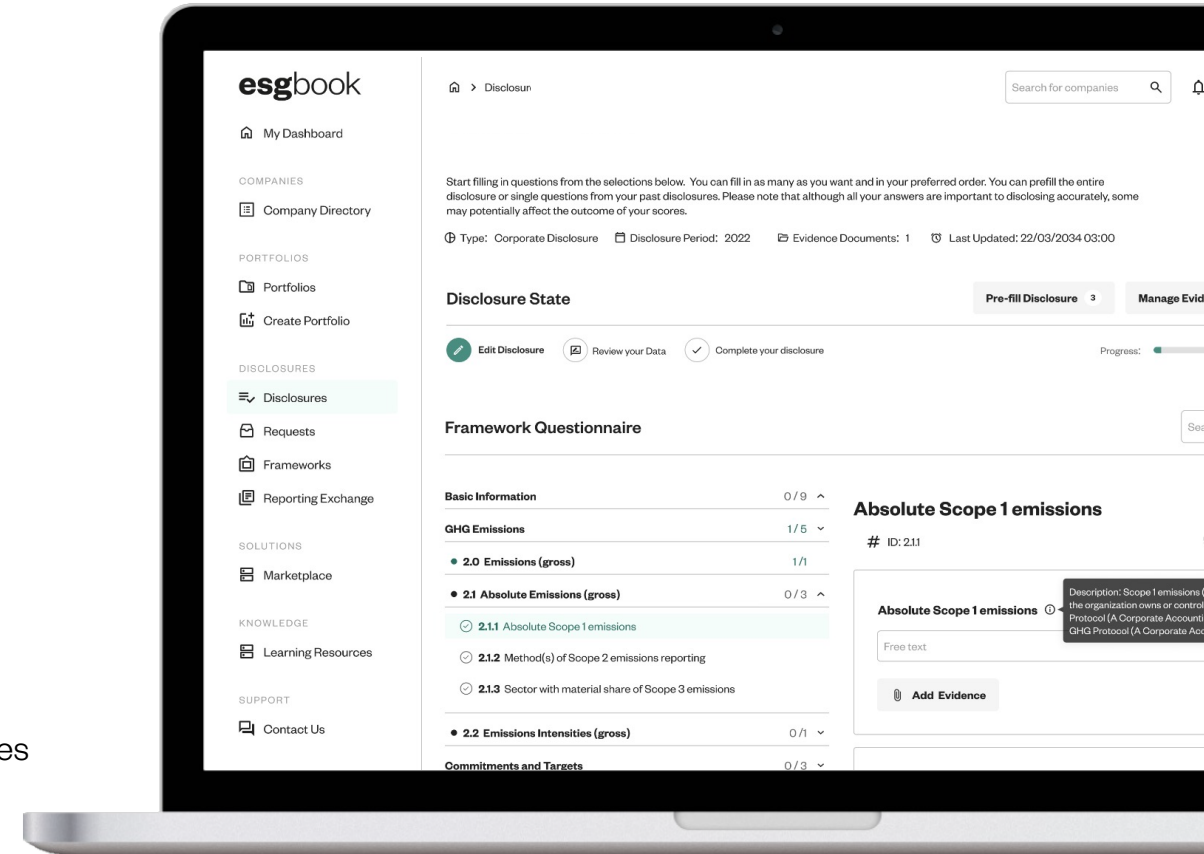
Streamlining the data that companies provide to banks for climate risk management.

Case

ESG Book are developing a Global Industry Utility to harmonise and streamline client-specific climate data. Leveraging a modular template which aligns to bank requirements and existing standards, leading global banks are inviting companies to participate in the initiative to report data in a digitised, secure and centralised manner, catered to each client's context and archetype.

Key Features

- Seamless, intuitive, and digitised disclosure workflows
- Full data ownership, control, and privacy with permissions functionalities
- Disclose publicly or privately with different FI's, reducing the reporting burden
- Pre-populated disclosure data based on publicly available information
- Continuous compatibility with global disclosure standards and other ongoing initiatives
- Secure data hosting and security through partnership with Google Cloud



Case Study: German Public Sector Utility

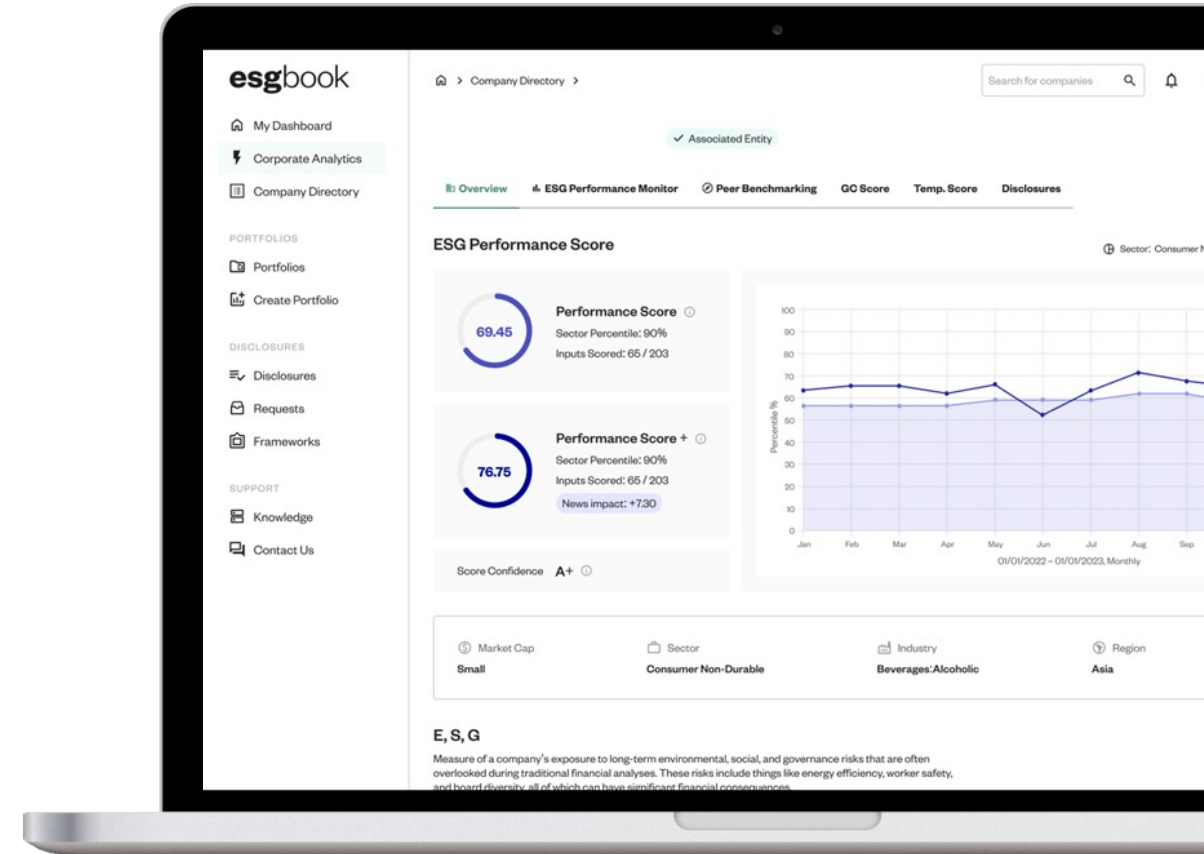
ESG Book acts as a central data collection and engagement platform for banks.

Case

ESG Book are building a public sector utility in Germany to facilitate a centralized ESG data collection and engagement platform for banks. The utility will be integrated into bank client portals for ease of use.

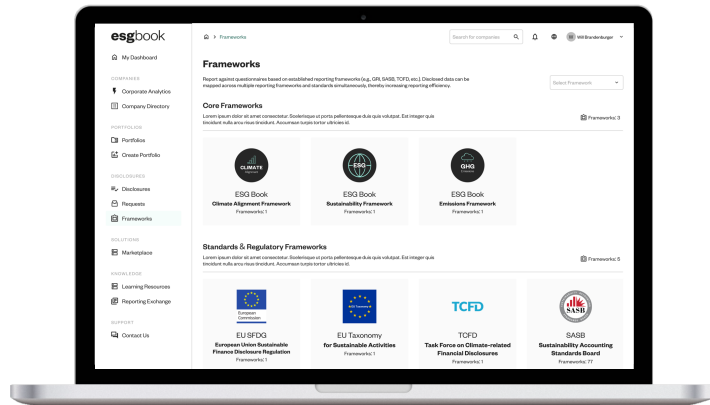
Key Features

- Companies can provide information on their ESG performance based on standardized data queries
- Banks can access the ESG data base for various use cases extending existing and new ESG solutions
- Use of interfaces for data export and data request (e.g. on EU Taxonomy)
- Data collection for (existing) bank applications
- Share data publicly or privately with selected organizations

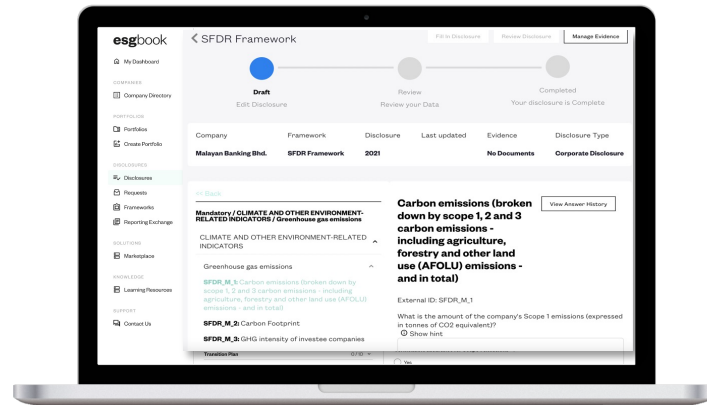


Key Elements of ESG Book's Platform Solution

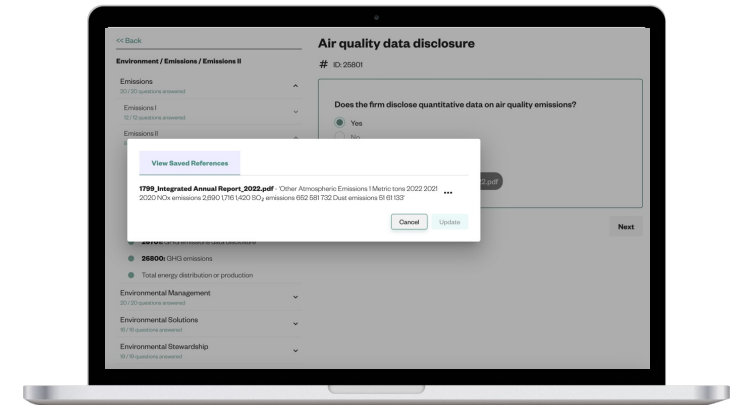
Modular Frameworks for FIs to Request Data



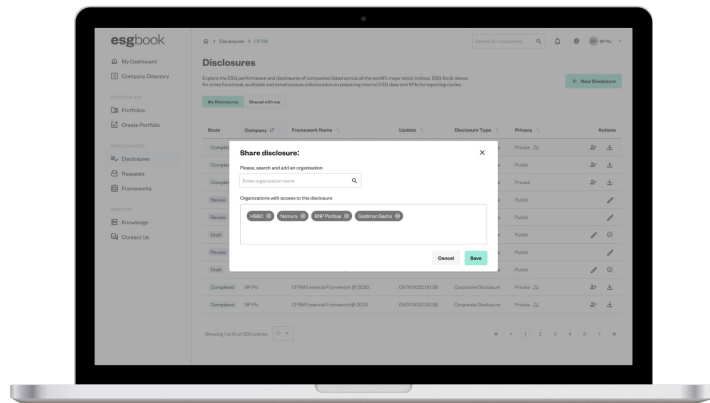
Digital Disclosure Journey



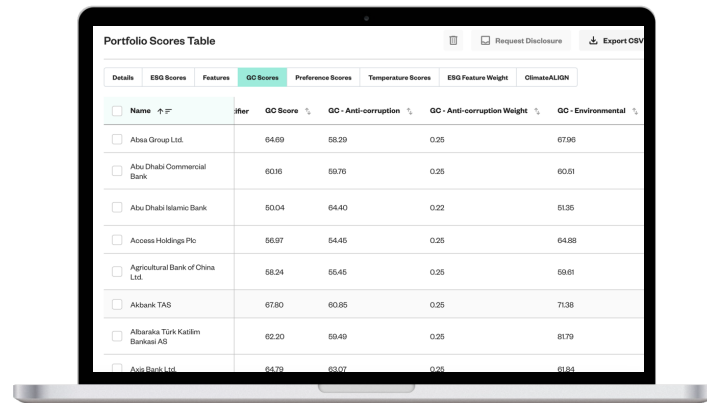
Evidence Library



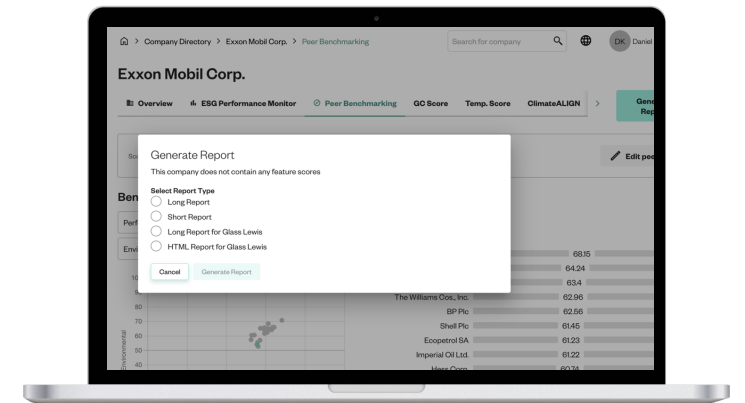
Disclose Once, Share with Many



Portfolio View on Platform

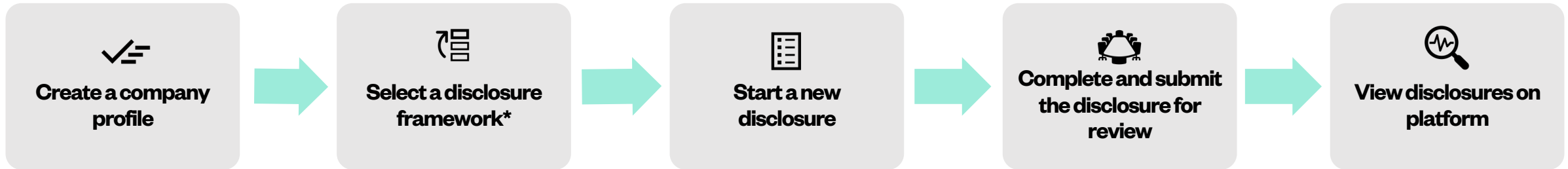


View and Extract Data from Platform



ESG Raw Data: Collecting and Assessing

Step by step process of data disclosure for companies via ESG Book.



Disclosures

Malayan Banking Bhd. has completed 13 disclosures against 4 different frameworks with 1350 data points.

Completed	Framework Name	State
01/12/2021 08:13	Climate Alignment Framework @ 2018	Completed
24/03/2022 18:23	Sustainability Framework @ 2020	Completed
01/12/2021 08:04	Climate Alignment Framework @ 2016	Completed
24/03/2022 18:23	Sustainability Framework @ 2017	Completed

Built on Google Cloud's global security infrastructure

ESG Book's platform is built on Google Cloud's trusted global security infrastructure.

Google Cloud's Global Infrastructure



Google Cloud's World-Class Compliance Regime

Global	Americas	Europe, Middle East & Africa	Asia Pacific
<ul style="list-style-type: none"> ISO/IEC 27001 ISO/IEC 27017 ISO/IEC 27018 ISO/IEC 27101 ISO/IEC 27701 ISO/IEC 9001 SOC 1 2 3 PCI DSS PCI 3DS CSA STAR CyberGRX KY3P SIG GaP 	<ul style="list-style-type: none"> US <ul style="list-style-type: none"> HIPAA HITRUST CSF COPPA FERPA HECVAT CCPA FIPS 140-2 FedRAMP NIST 800-53 NIST 800-171 NIST 800-34 CJIS DISA IL2 IL4 IRS 1075 Sarbanes-Oxley SEC Rule 17a-4(f) CFR Rule 1.31(c)-(d) FINRA Rule 4511(c) FRBEC FDIC FED OCC MPA ISE Canada <ul style="list-style-type: none"> PIPEDA PHIPA OSFI Guideline B-10 Argentina <ul style="list-style-type: none"> PDPL BCRA Brazil <ul style="list-style-type: none"> LGPD BCB Resolution 4.658 Mexico <ul style="list-style-type: none"> CNIV LIC CUB CNIV LMV CUB CNIV CUF Fintech Law CNSF LISF CUSF 	<ul style="list-style-type: none"> Europe <ul style="list-style-type: none"> GDPR EU Standard Contractual Clauses EU CoC TISAX SWIPO ESA EIOPA ESMA Spain <ul style="list-style-type: none"> ENS Banco de España Switzerland <ul style="list-style-type: none"> FINMA Swiss Federal Data Protection Act Netherlands <ul style="list-style-type: none"> NEN 7510 DNB South Africa <ul style="list-style-type: none"> POPI Germany <ul style="list-style-type: none"> BSI CS:2020 BaFin MaRisk UK <ul style="list-style-type: none"> NCSC Cloud Security Principles NCSC Cyber Essentials NHS PCA F016/5 FCA SYSC 8 PRA SS2/21 France <ul style="list-style-type: none"> HDS ACPR Poland <ul style="list-style-type: none"> KNF 	<ul style="list-style-type: none"> Australia <ul style="list-style-type: none"> APP APRA RAP HCF India <ul style="list-style-type: none"> MeitY RBI Malaysia <ul style="list-style-type: none"> MAMPU BNM RMT BNM Outsourcing Indonesia <ul style="list-style-type: none"> SNI 27001 GR 71 GR 95/2018 SEOJK 21 POJK 38 Japan <ul style="list-style-type: none"> FISC My Number Act APPI NISC CSV 2G3M ISMAP Korea <ul style="list-style-type: none"> K-IMS FSC Singapore <ul style="list-style-type: none"> MTCS Tier 3 OSPAR MAS AIS PDPA Thailand <ul style="list-style-type: none"> ETDA BOT PFG 19/2599

Google Cloud's Approach to Security

- ✓ Security by design and Security by default
- ✓ Shared fate
- ✓ High investment in security capabilities
- ✓ Improved operational resilience
- ✓ Elastic availability
- ✓ Zero trust approach to better manage threats
- ✓ [Risk Protection Program](#) available to strategic partners

Google Cloud's Existing Financial Services Clients



What Makes us Different?

A platform that enables next-generation ESG data management, disclosure and analytics.



Data-driven, comparable and transparent

- Data ownership of over 145,000 corporate disclosures; leading independent ESG data firm
- 100% data-driven, transparent methodology, no human judgment, daily updates
- Ability to compare and navigate data, mapped against multiple frameworks



Sustainability-focused

- Leading sustainability capabilities and thought leader
- Network of experts and advisors
- Faster route to market to address emerging E, S, and G issues



Technology-driven

- Cloud-based, API-first, modern architecture
- Capability to integrate structured (disclosed) and unstructured (news, social etc) data
- Full integration into all major distribution channels and market data platforms



Innovative

- Platform that brings together investors and companies
- Free access to build trust in ESG information and democratise use of ESG data; premium features to turn data into insight
- More than 15,000 users on platform



Forward-looking

- ESG Book brings together corporate reporting with AI to turn news, NGO and social media into ESG investment insights

Recognised Globally

ESG Book is a global leader in ESG intelligence, with our research featured across media worldwide.

Forbes

[How Green Is Tesla, Really?](#)

CNN

[Companies Are Crucial To Solving The Climate Crisis, 75% Are Falling Short](#)

The Guardian

[A Third Of Top UK Firms' CO2 Emissions Not In Line With Global Climate Goals](#)

The Washington Post

[Why Buying A Tesla With Bitcoin Would Be Environmentally Unfriendly](#)

sky NEWS

[Sky News interview with Dr Daniel Klier, on the Temperature Score](#)

BBC

[Georg Kell on BBC World News](#)

WSJ

[The 100 Most Sustainably Managed Companies in the World](#)

REUTERS

[Asia Overtakes US In Corporate Climate Disclosure, Arabesque Says](#)

NIKKEI

[Ranking of companies based on the Temperature Score](#)

AFP

[Most Major Companies Failing Climate Targets: Study](#)

abc NEWS

[Citi Partner With ESG Book On ESG Scores](#)

LE FIGARO

[Most Major Companies Failing Climate Targets](#)

FT FINANCIAL TIMES

[AI Can Shine a Light on Company Greenwashing](#)

BARRON'S

[Sustainable Investing is Changing the World Faster Than You Think](#)

CNBC

[Few companies have a track record of GHG reduction](#)

Powering financial markets for a sustainable future.