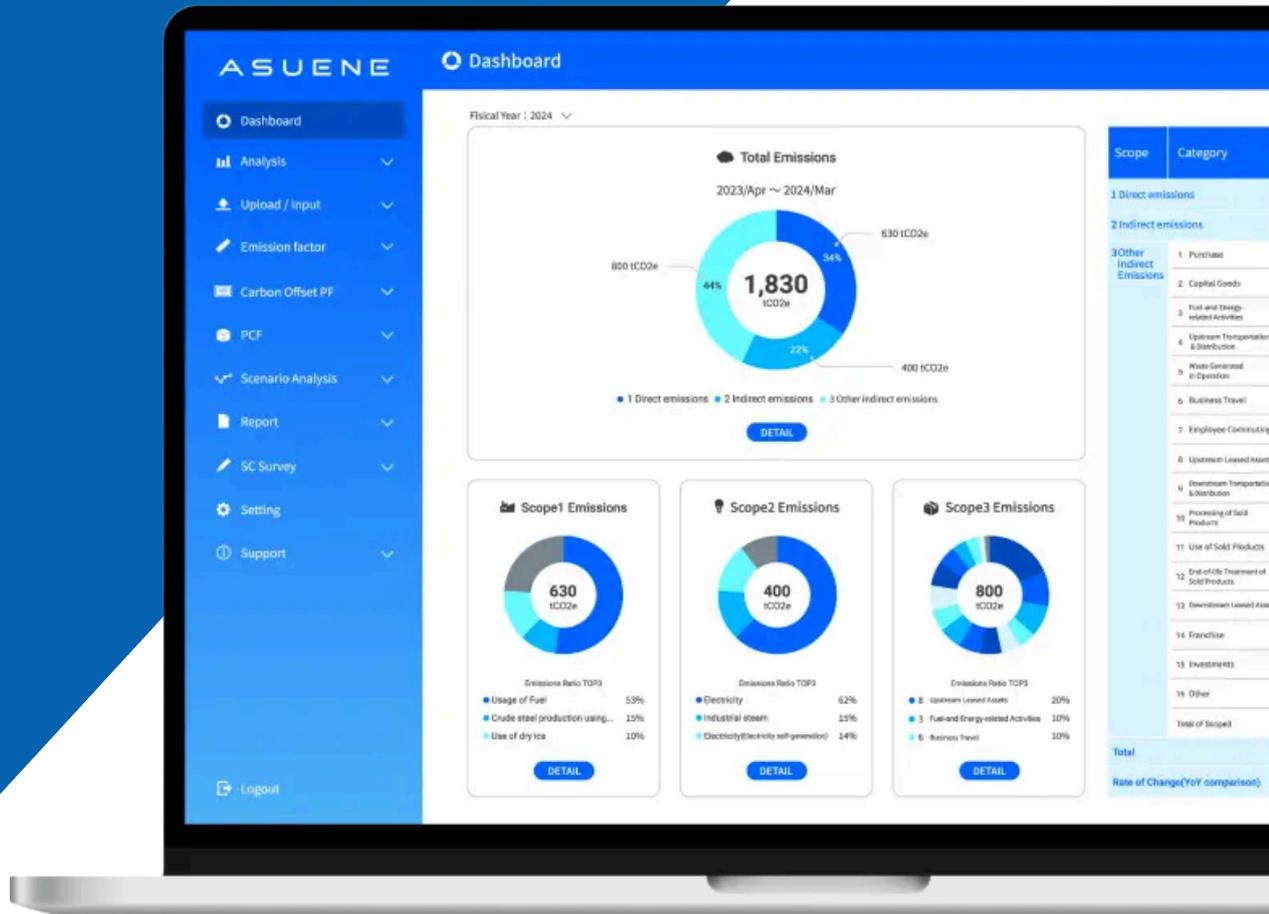**DataESG**
Future of Sustainability

# Easy Mandatory Reporting with the **ASUENE** **ESG** Data Management Solution

# ASUENE

# ASUENE

## Reduce Decarbonisation Management Workload by Up to 70%!

**CO2 Emissions Visualisation and Reporting Cloud Service**



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## Visualisation of CO2 Emissions

### Input Accurate Data with AI×ISO14064-3*1 Certification

By simply uploading an image, AI evaluates and automatically calculates Scope 1 to 3 GHG emissions, including CO2 and methane.
By leveraging AI and expertise in sustainability consulting, we ensure error-free, automated generation of various reporting documents for international initiatives (RE100, SBTi, TCFD, etc.) and compliance with the Act on the Rational Use of Energy.

ISO 14064-3: Specification and Guidance for Validating and Verifying GHG Assertions by the International Organisation for Standardisation (ISO)



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### Automate Complex Data Collection and Entry Tasks through Data Integration

Asuene enables data integration from APIs and CSVs with ERP and accounting systems.
We also offer BPO services for managing payment information and invoice data, automated sorting in spreadsheet software, and data entry automation, reducing the calculation workload by up to 70%.
Automating complex data collection and input tasks enables accurate CO2 emissions calculations.

## Improve Data Accuracy with BPO Services

Through BPO services, you can automate the management of payment information and invoice data, as well as the automatic sorting and data entry of spreadsheet software.
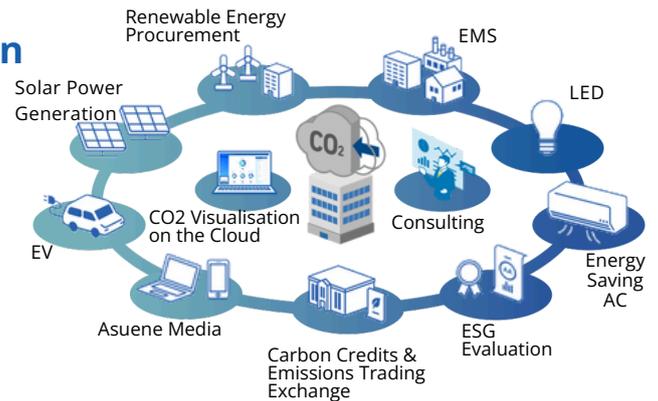
Prevent manual input errors in $CO_2$ calculation and reduce workload, thereby improving data accuracy and streamlining operations.

## Decarbonisation One-Stop Solution

### Supporting Everything from CO2 Visualisation to Reporting and Reduction

We offer one-stop solutions for decarbonised management, including $CO_2$ emissions visualisation, reduction, reporting, consulting, carbon offset programs, and information disclosure aligned with global initiatives.

We also enhance value through partnerships with diverse organisations and service providers.



Renewable Energy Procurement
EMS
Solar Power Generation
LED
$CO_2$
CO2 Visualisation on the Cloud
Consulting
EV
Energy Saving AC
Asuene Media
Carbon Credits & Emissions Trading Exchange
ESG Evaluation

## Industry No.1 Achievements

### Over 25,000 Companies Implementing Our Solutions



### Over 100 Partner Companies

# List of Main Features

**Visualisation**
- GHG Calculation
- Water Management
- Waste Management
- Energy Management
- Automatic Integration of Power Data
- Air Pollutant Management
- Chemical Substance Management
- Finance/PCAF Management
- Uranos Ecosystem Integration
- AI-OCR
- Manual/Formal Input
- Bulk Upload
- Product CFP/LCA
- Analysis and Reporting
- Benchmark Analysis

**Reduction**
- Reduction Targets and Contributions
- Reduction Roadmap
- Credit Procurement Support
- Renewable Energy Procurement

**Reporting**
- Energy Conservation Law
- EEGS Reporting Compliance
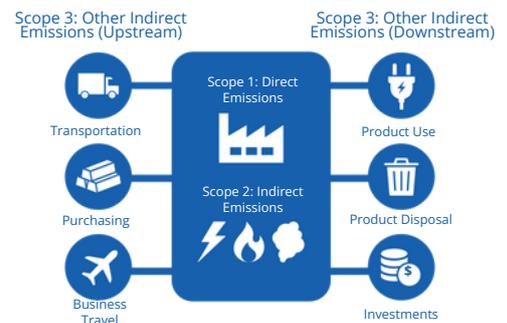- CDP Support
- SBTi Support
- TCFD/TNFC Support

**Others**
- AI Chatbot
- BPO Support
- Approval Functionality
- Cost Management
- API Integration
- Security
- Multilingual Selection
- Single Sign-On

# Visualisation at the Company, Product, and Service Levels

## Visualisation of GHG Emissions at the Corporate Level

Using the international standard GHG Protocol, greenhouse gas emissions generated by corporate activities are converted into $CO_2$ equivalents for visualisation. By integrating supply chain data and APIs, we enable the visualisation of corporate $CO_2$ emissions.



Scope 3: Other Indirect Emissions (Upstream) — Transportation, Purchasing, Business Travel
Scope 1: Direct Emissions
Scope 2: Indirect Emissions
Scope 3: Other Indirect Emissions (Downstream) — Product Use, Product Disposal, Investments

## Visualisation of Products and Services: Product CFP

Calculation of product CFP in compliance with ISO14040*2 is possible. Visualises $CO_2$ emissions throughout the entire lifecycle, from raw material collection, manufacturing, to disposal. Compatible with the international standard Pathfinder Framework, enabling data interoperability.

*2 ISO14040: An environmental assessment method for products and services defined by the International Organization for Standardization (ISO).



Procurement of raw materials, Production, Product transportation and logistics, Usage, Disposal and Recycling — Product

## Beyond CO2, We Cover Water and Waste as Well

In climate change reporting, disclosure of various information, including greenhouse gas, is required. We support not only $CO_2$ visualisation but also the management and reporting of corporate water intake, discharge, and waste.

### ● Water Security Management

In addition to water usage, we support the management and reporting of water security metrics such as BOD, COD*3, and discharge temperature.

*3 BOD: The amount of oxygen consumed by microorganisms over 5 days in water.
COD: The amount of oxygen required when an oxidizing agent is added to water.

### ● Waste Management

We assist sustainable management by enabling item-based tracking, manifest data registration, and monitoring recycling rates.
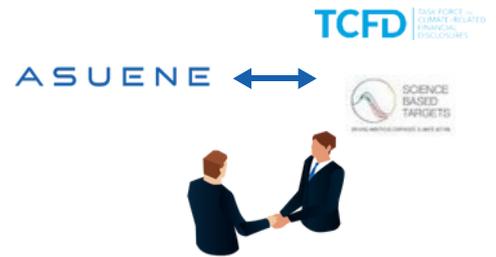
# Reporting and Disclosure Support

## Support for International Initiatives

With extensive experience and LCA expertise, we support sustainability efforts, including TCFD, SBTi, and CSRD initiatives, boundary setting, and calculation methods.

We also assist with climate risk and opportunity analysis, carbon asset management, governance strategies for listed companies, and resilience building.
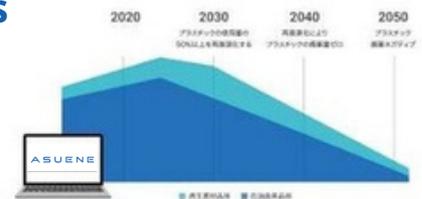
Consulting Support Menu

- CDP Response, Research, and Analysis Support
- EEGS Compliance Support
- TCFD Response, Research, and Analysis Support
- GRI Standards Support
- TNFD Compliance Support
- B Corp (B Corporation) Certification Support
- SBTi Certification Support

# Reduction Solutions

## Roadmap Function for Reduction Targets

Manage reduction targets by scope, business, country, or location. Additionally, this feature allows you to check reduction targets and achievements for specific items, clarify future initiatives, and identify potential risks.
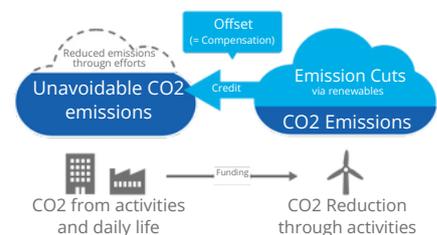
## Financial Institution Collaboration

Collaborate with financial institutions to support sustainability management disclosure and reporting. Assistance is also available for drafting and disclosing information to achieve financing, such as Sustainability-Linked Loans (SLL).

## Credit Procurement Support

Efficiently calculate greenhouse gas emissions from business activities, products, or services. We provide end-to-end support for carbon offsetting, from planning to execution.

DataESG
Future of Sustainability

**1300 873 112**
info@dataesg.com.au
www.**dataesg**.com.au

# ASUENE ESG

## ESG Evaluation Cloud for Sustainable Supply Chains

- Visualises ESG performance using reliable ratings based on global frameworks like GRI and UN Global Compact.
- Buyers can efficiently compare, analyse, and improve supply chain performance.
- Suppliers can easily view and improve their ESG ratings to drive business growth.

**POINT 01** Enhance Supply Chain Engagement

**POINT 02** Streamline ESG Evaluation

**POINT 03** Utilise ESG Data for Disclosure and Innovation

# ASUENE CAREER

## Direct Recruiting Platform Specialising in GX and ESG Talent

- Asuene Career is a direct recruiting platform with a wealth of registered GX and ESG specialists.
- We provide comprehensive support for PR articles, job ads, scouting, and human capital consulting.
- With AI-driven matching and automated job postings, we streamline and optimise recruitment.

**POINT 01** GX/ESG job seekers in abundance

**POINT 02** Cut hiring costs with One-Stop Solution

**POINT 03** AI recommends top candidates

# ASUENE VERITAS

## Decarbonisation & Non-Financial Information Assurance

- Supporting corporate non-financial disclosures with international expertise.
- Ensuring accuracy in decarbonization and non-financial disclosures through third-party verification.
- Guidance on best practices and support for reporting methods and assessing sustainability impacts.

# Carbon EX

## Carbon Credit & Emissions Trading for Net Zero

- Japan's first platform for J-Credits, voluntary credits, and non-fossil certificates, as well as ESG products.
- Reliable operations with screening standards equivalent to major financial institutions.
- Provides comprehensive support for trading and carbon credit creation.